

UNIVERSIDAD POLITECNICA DE VALENCIA

ESCUELA POLITECNICA SUPERIOR DE GANDIA



**“Diseño y análisis de modelos estacionales de
regresión cuantil para la descripción del
crecimiento de la Dorada (*Sparus aurata L.*) en
condiciones de producción.”**

TRABAJO FINAL DE CARRERA

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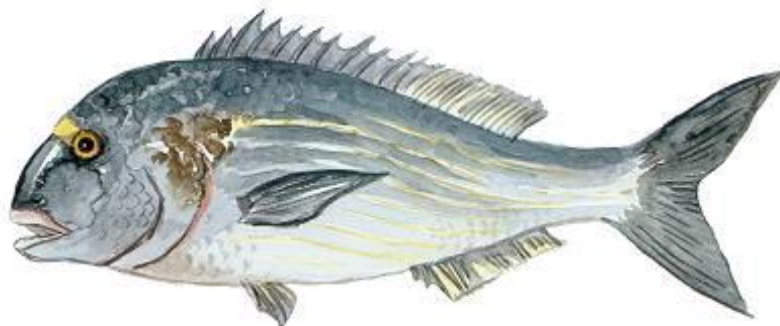
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1. INTRODUCCIÓN

1.1. INTRODUCCIÓN. LA DORADA (*Sparus aurata*)

1.1.1. LA DORADA Y SU CULTIVO

1.1.1.1. Clasificación



(Figura 1. Dibujante: OTTO E. WIEGHARDT.)

Tabla 1: Clasificación científica

(Fuente LUCKAS-BOT.2011)

Reino:	Animalia
Filo:	Chordata
Clase:	Actinopterygii
Orden:	Perciformes
Familia:	Sparidae
Género:	Sparus
Especie:	<i>S. aurata</i>
<u>Nombre binomial</u>	
<i>Sparus aurata</i> Linnaeus , 1758	

La dorada (*Sparus aurata* Linné, 1758) es un teleósteo perteneciente a la Familia *Sparidae* y del Orden Perciformes, esta está conformado por 29 géneros y unas 100 especies.

Nombres comunes:

Alemán – Goldbrasse

Español – Dorada

Francés -- Dorade royale

Inglés -- Gilthead seabream

Italiano – Orata

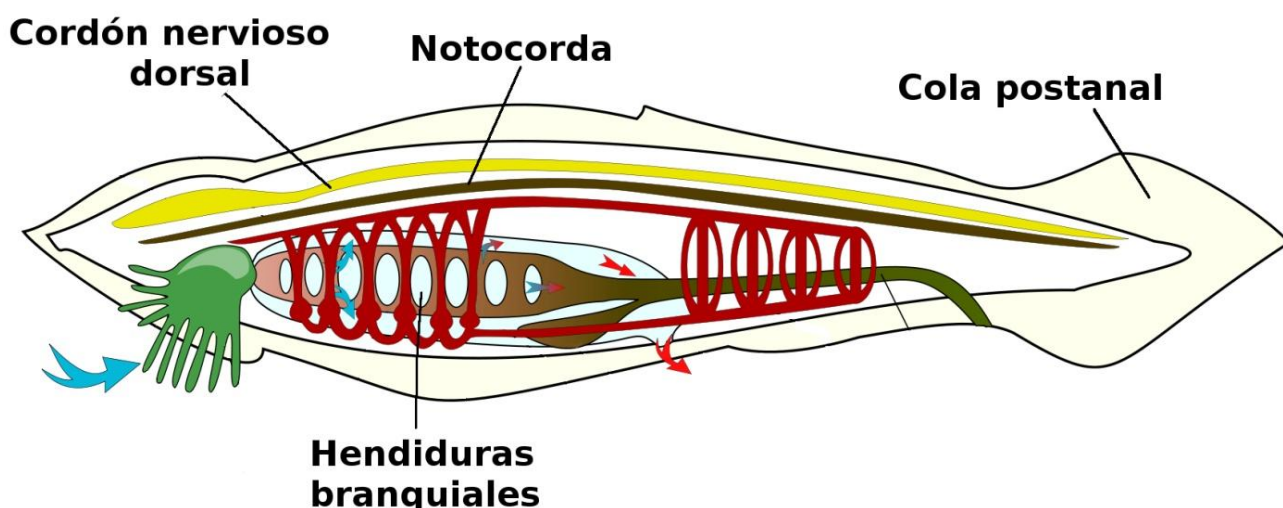
Portugués -- Dourada

Phylum: Chordata

El Phylum Chordata se caracteriza por la aparición de los siguientes rasgos principales:

- Tiene un único cordón nervioso dorsal.
- Presenta un cilindro cartilaginoso, la notocordia, situado en posición dorsal respecto al intestino embrionario.
- La presencia de hendiduras branquiales en la faringe o garganta, en algún estadio de su ciclo vital.
- Posee una cola postanal en alguna etapa del desarrollo.

Figura 2. Estructura de un Chordata (anfioxo)



(Autor: **Plom**. Licencia FDL. Fuente: [Wikipedia](#))

Los animales cordados presentan simetría bilateral y se desarrollan a partir de tres capas germinativas: endodermo, mesodermo y ectodermo. Sus cuerpos están segmentados y tienen un tracto digestivo completo, con boca y ano, y un celoma bien desarrollado que deriva del mesodermo, en el que están suspendidos los órganos internos.

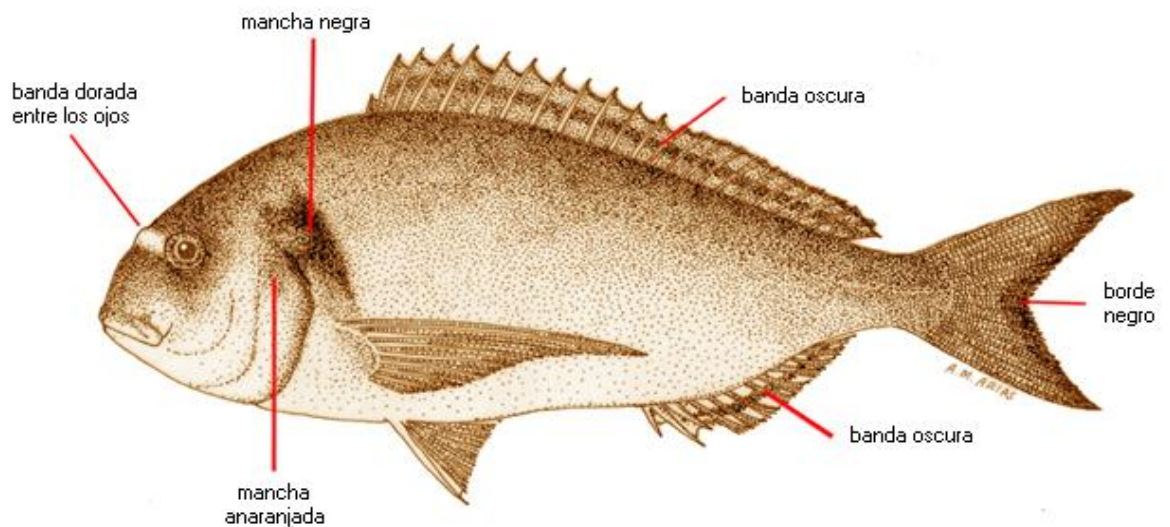
Todos los cordados se reproducen sexualmente (algunos también pueden hacerlo por partenogénesis). En la mayoría, los sexos están separados y producen óvulos de gran tamaño que son fertilizados por espermatozoides móviles.

El Phylum Chordata es un grupo con gran diversidad, adaptado a un gran número de nichos ecológicos, con notables adaptaciones, sobre todo al medio terrestre y su ambiente, aunque también al acuático o anfibio, en los cuales muchos de ellos constituyen los últimos eslabones tróficos de sus ecosistemas.

1.1.1.2. Rasgos biológicos

El cuerpo de la dorada es oval, más bien profundo y comprimido. El perfil de la cabeza es regularmente curvado. El ojo es pequeño. Su boca, baja, es levemente oblicua. Sus labios son gruesos. Tiene entre 4 y 6 dientes anteriores de tipo canino en cada mandíbula, seguido posteriormente por dientes romos, los cuales se convierten progresivamente en molares y se disponen formando entre 2 y 4 filas (los dientes en las 2 filas externas más fuertes). Total de branquiaspinas sobre el primer arco corto: 11 a 13, 7 u 8 inferiores y 5 (raramente 4) a 6 superiores. La aleta dorsal tiene 11 espinas y entre 13 y 14 rayos blandos. La aleta anal tiene 3 espinas y 11 o 12 rayos blandos. Sus mejillas son escamosas, y el preopérculo no tiene escamas. Presenta escamas a lo largo de la línea lateral (entre 73 y 85). Su color es gris plateado y tiene una gran mancha negra, en el origen de la línea lateral, que se extiende sobre el margen superior del opérculo donde está bordeada, inferiormente, por un área rojiza. Presenta una banda frontal dorada entre los ojos, bordeada por dos áreas oscuras no muy bien definidas en los individuos jóvenes. También presenta líneas longitudinales oscuras presentes a menudo sobre los costados del cuerpo una banda oscura sobre la aleta dorsal; y la horquilla y puntas de la aleta caudal bordeadas con negro.

Figura 3. Rasgos biológicos de la Dorada (*Sparus aurata*)

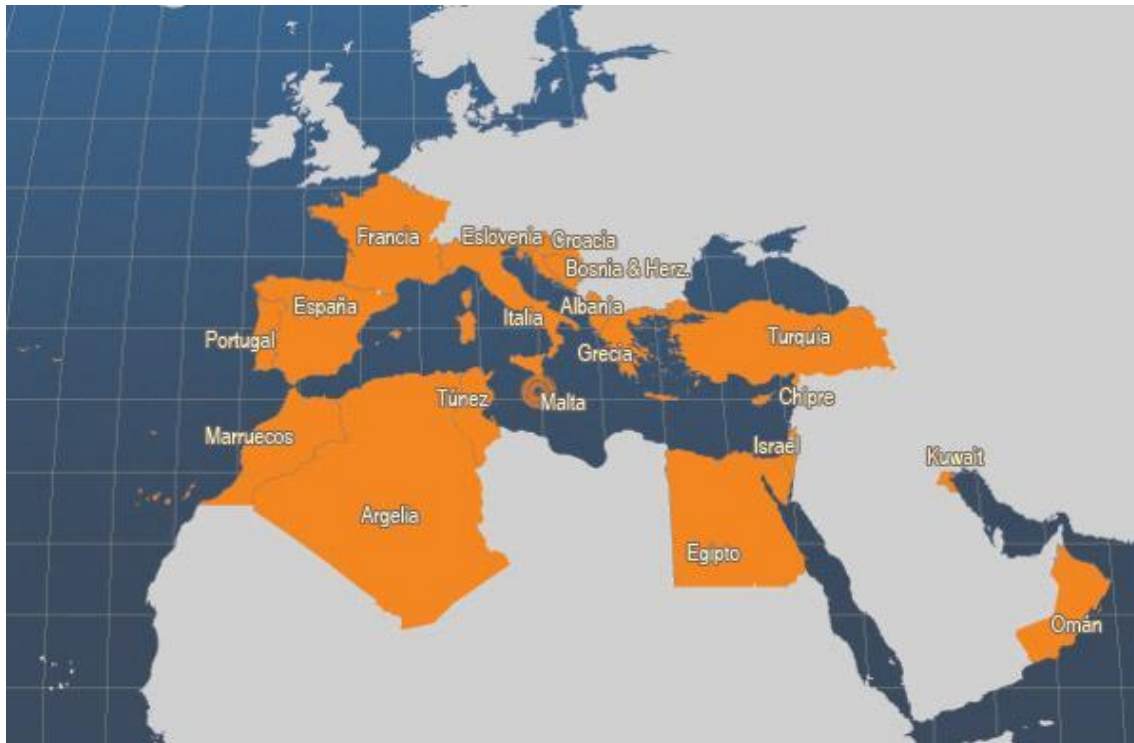


(Fuente: CARRATELLO, A. P.)

1.1.1.3. Distribución.

La dorada (*Sparus aurata*) es una especie muy común en el Mar Mediterráneo, aunque se extiende también por el Mar Negro, el Mar Rojo y las costas orientales del Océano Atlántico, desde el norte en Inglaterra hasta las costas de Mauritania (Suau & López, 1976; Bauchot & Hureau, 1986).

Figura 4. Principales países productores de Dorada (*Sparus aurata*)



(Autor: COLLOCA & CERASI; Fuente: FAO 2006)

Esta especie es típicamente litoral, y euriterma ya que soporta unas temperaturas de 5 a 32°C, y eurihalina, encontrándose en aguas con 4 y 70‰. Puede encontrarse hasta profundidades de 90 m.

Los alevines y juveniles viven próximos a la costa, aunque penetran con frecuencia en las desembocaduras de ríos y lagunas litorales, sobretudo en primavera y verano, buscando mejores condiciones para su alimentación (Audouin, 1962; Suau & López, 1976; Ben-Tuvia, 1979; Arias & Drake, 1990). En otoño, las doradas migran hacia mar abierto, en especial los individuos maduros, para reproducirse. Se dispersan por las zonas costeras, alcanzando fondos marinos entre 25 y 50 m en busca de condiciones más estables y temperaturas menos extremas (Ben-Tuvia, 1979).

El crecimiento de la dorada es muy variable dependiendo de su localización. Se puede considerar que crecen mucho más rápido en zonas semicerradas y salobres, como esteros y lagunas (Arias, 1980; Barbaro *et al.*, 1986; Castelló-Orvay & Calderer, 1993), que en zonas abiertas (Heldt, 1948). En general, es considerada una especie de crecimiento rápido en condiciones naturales, llegando a los 300 g en el segundo año de vida y a los 600 g en el tercero, pudiendo alcanzar un tamaño de 70 cm y un peso de 5Kg. Se captura principalmente en otoño cuando migra de las lagunas costeras hacia el mar (CARDERER R., A. 2001).

1.1.1.4. Alimentación.

Su dieta natural es preferentemente carnívora. La dorada es depredadora de especies de fondo, en especial de moluscos (bivalvos y gasterópodos), crustáceos, vermes y pequeños peces (Arias, 1976, 1980; Suau & López, 1976; Francescon *et al.* 1987). La dorada desentierra con su cola a los peces, moluscos y crustáceos que se va a comer. En ocasiones se alimenta de algas y plantas verdes marinas.

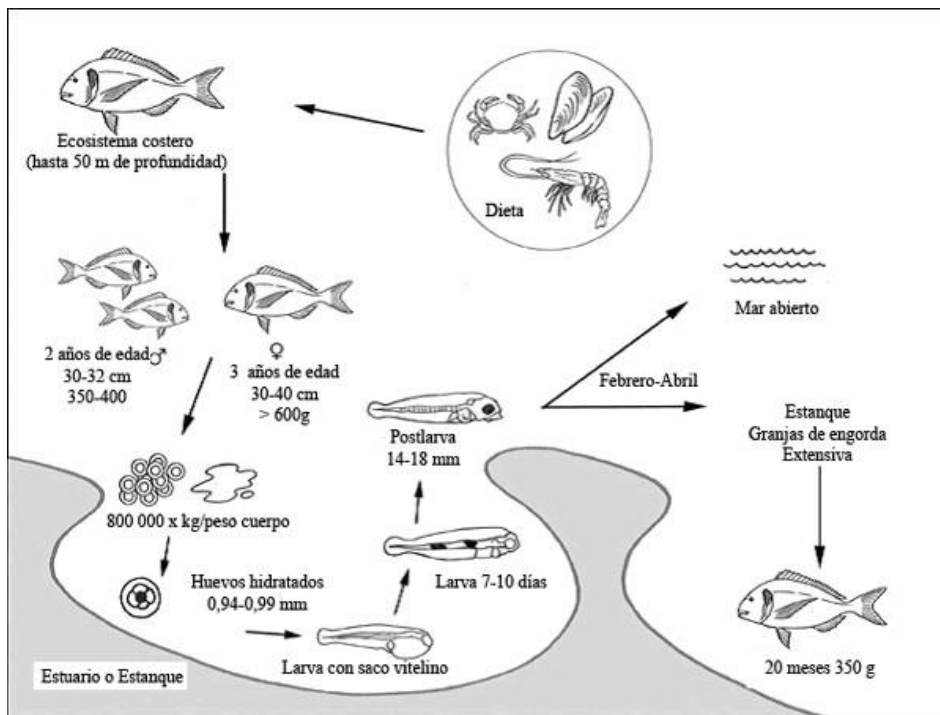
1.1.1.5. Reproducción y ciclo biológico

La dorada es una especie que ha sido extensamente estudiada, y tanto su biología como su comportamiento en cautividad son bien conocidos. Es una especie hermafrodita proterándrica. Inicia la maduración en el mes de septiembre, la cual se alarga a lo largo del mes de octubre. La freza tiene lugar en noviembre, que puede abarcar un período largo, ya que el desove de cada hembra se produce, de forma escalonada, durante varias semanas (Zohar & Gordin, 1979; Zohar *et al.*, 1984; Arias & Drake, 1990). A partir de abril el único estado presente es el de reposo, permaneciendo así hasta el mes de septiembre. Esta especie efectúa la primera freza a los dos años de edad cuando el animal alcanza un tamaño de 250-300 g de peso total y 22 cm de longitud, como macho. Posteriormente, se inicia la transformación de una parte de los individuos en hembra, mientras la otra parte mantiene el sexo masculino, pudiendo presentarse el cambio de sexo después de frezas sucesivas. En este último caso, estos machos ralentizan enormemente su crecimiento.

Aunque la presencia de hembras inhibe el proceso de cambio de sexo en los jóvenes machos (Zohar *et al.*, 1984), todos los animales con más de 2 Kg de peso ya son hembras. Durante los meses de máxima actividad reproductora, de septiembre a diciembre, el crecimiento se interrumpe, pudiéndose producir incluso pérdidas de peso (Suau & López, 1976; Pitt *et al.*, 1977; Kadmon *et al.*, 1985).

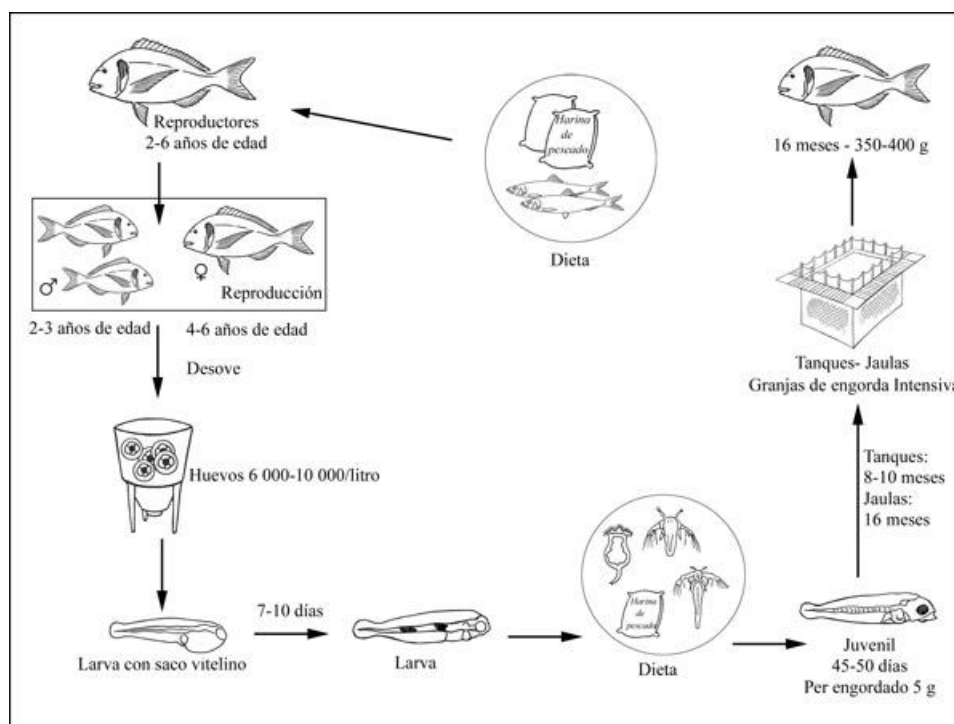
En la dorada la freza es bentónica, entre 5 y 35 m, y se produce cerca de la costa. En el Mar Mediterráneo la época de puesta comprende desde finales de noviembre hasta finales de enero (Marinero, 1973; Suau & López, 1976) y en la Bahía de Cádiz hasta marzo (Arias & Drake, 1990). La freza ocurre cuando el fotoperíodo es corto (Lumare & Villani, 1973; Suau & López, 1976; Arias, 1980; Pascual *et al.*, 1989) y la temperatura desciende por debajo de los 19°C, interrumpiéndose por debajo de los 14°C. Cada hembra produce hasta 1.000.000 de huevos planctónicos por Kg de peso, con un diámetro entre 0.8 y 1mm,. La larva recién eclosionada mide escasamente 1mm (Villani, 1976) y permanece pelágica durante dos meses, tras los cuales se produce la metamorfosis.

Figura 5: Figura Ciclo de producción de *Sparus aurata* - Sistema extensivo



(Autor: CALLOSA & CERASI; Fuente: FAO 2011)

Figura 6. Figura Ciclo de producción de Sparus aurata - Sistema intensivo



(Autor: CALLOSA & CERASI; Fuente: FAO 2011)

1.1.1.6. Cultivo de la dorada

La dorada era llamada por los griegos chrysóphris “cejas de oro”, por presentar una mancha dorada entre sus ojos, peculiaridad que también sirvió para darle el nombre en latín, *Sparus aurata*, raíz que se mantiene en algunas lenguas romances, “aurada” en catalán, “dourada” en gallego, etc. Fue elevada a la consideración de pez sagrado y digno de la diosa Venus/Afrodita, sirviéndose como manjar en las fiestas en honor a esta divinidad.

Hay muchas referencias clásicas al aprecio de la carne de la dorada. Los romanos ya la criaban en grandes viveros. Junto con los mújiles, lenguados y anguilas, las doradas han sido cosechadas desde la antigüedad en esteros y antiguas salinas donde, de una manera extensiva, se controlaba su población. Actualmente, la moderna acuicultura recurre a técnicas intensivas.

Tradicionalmente, las doradas eran cultivadas extensivamente en lagunas costeras y estanques de agua salada. En la década de los 80 se desarrollaron sistemas intensivos de crianza. El cultivo en valli o “vallicoltura” italiana o el “hosha” de Egipto son sistemas extensivos de crianza de peces que actúan como trampas naturales aprovechando la migración trófica natural de los juveniles desde el mar a las lagunas costeras. Las doradas son especies muy apropiadas para acuicultura extensiva en el Mediterráneo, debido a la alta tasa de sobrevivencia y hábitos de alimentación, aunque últimamente el precio del mercado ha sufrido fluctuaciones importantes. Afectando a la rentabilidad.

La reproducción artificial de la dorada fue lograda en Italia principios de los años 80 y la producción a gran escala de juveniles de dorada consiguió definitivamente finales de la misma década en España, Italia y Grecia. La producción en hatchery y el cultivo de este pez es una de las razones del éxito inicial del negocio de la acuicultura. Esta especie demostró rápidamente tener una alta adaptabilidad a las condiciones de crianza intensiva.

Hoy en día existen en España varias explotaciones de doradas, algunas semi-intensivas en estanques de tierra, y el resto intensivas, bien sea en jaulas flotantes de distintas formas y tamaños, o bien en estanques de hormigón u otros materiales en tierra firme. La temperatura óptima para esta especie es del orden de 23-25°C, lo cual explica que todas las granjas marinas se encuentran en el mar Mediterráneo, en la región suratlántica de la península y en las Islas Canarias. La producción de dorada en España está bastante interrelacionada con la de la lubina debido a que las técnicas de producción son similares para ambas especies.

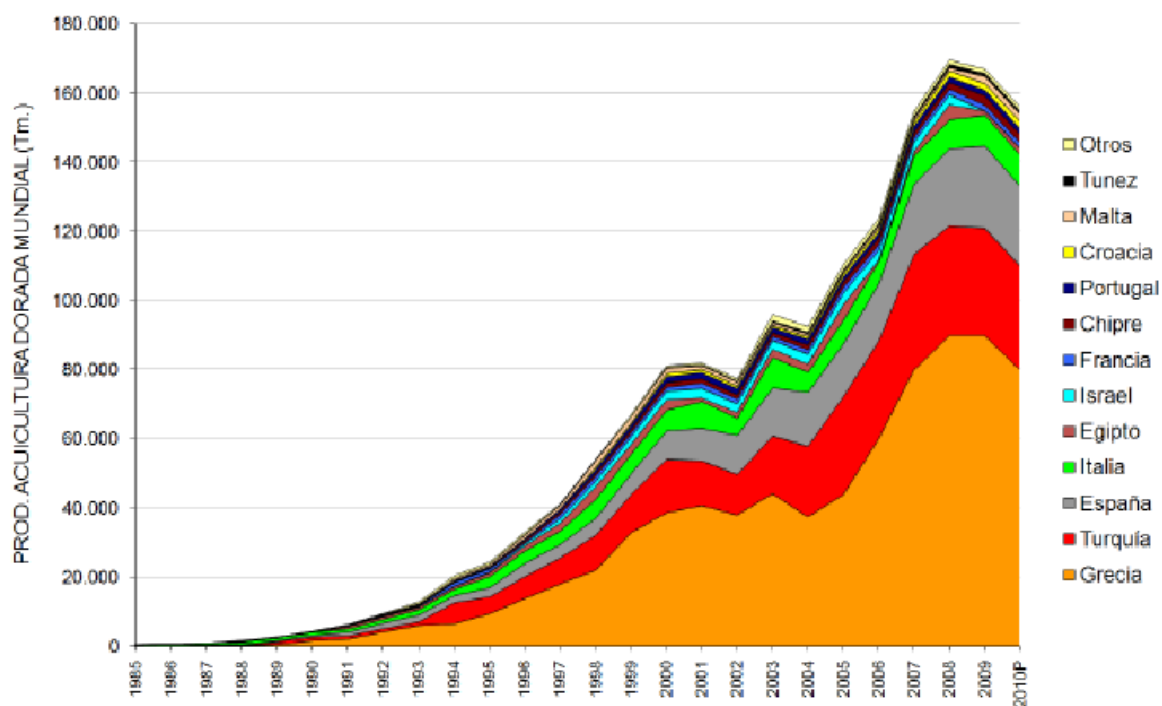
1.1.1.7. Situación actual de la acuicultura

Producción de dorada en Europa

La producción acuícola total de dorada (*Sparus aurata*) en Europa y el resto del mundo en 2009 fue de 167.000 toneladas. Esta cifra significó un descenso del 1,6% respecto a la producción del año previo. Existe producción de dorada de acuicultura en 19 países diferentes. Los principales productores son Grecia con aproximadamente 85.000 t. (que representan el 50,1% del total), Turquía con 35.000 toneladas (20,9%) y España con 23.690 (14,2%). Pero también se cultiva dorada en Italia, Egipto, Francia, Chipre, Portugal, Croacia, Malta, Túnez y Marruecos, y existen producciones incipientes en Albania, República Dominicana, Marruecos, Emiratos Árabes Unidos, Bosnia, Omán, Libia y Kuwait.

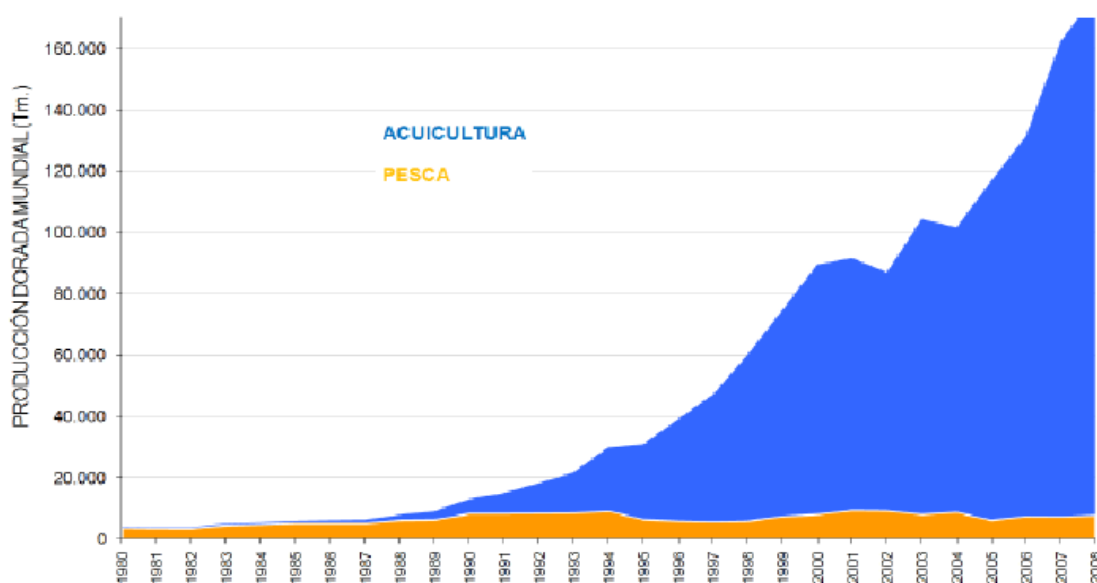
Aunque se continúa descargando dorada procedente de la pesca extractiva en los puertos pesqueros del Mediterráneo y Atlántico (7.812 t. en 2008, un 6,1% superior al año anterior), la cantidad de dorada de esta procedencia se espera que permanezca relativamente estable, fluctuando entre las 5.000 y las 8.000 toneladas anuales, mientras que la dorada de crianza supone el 95,3% del total. (APROMAR 2010)

Figura 7. Evolución de la producción acuícola de dorada en Europa y Mediterráneo, para el periodo 1885-2009 y prevención 2010



(Sobre datos FAO, FEAP y APROMAR; Figura APROMAR 2010)

Figura 8. Evolución de las fuentes de obtención de dorada en el mundo: acuicultura y pesca extractiva, para el periodo 1980-2008

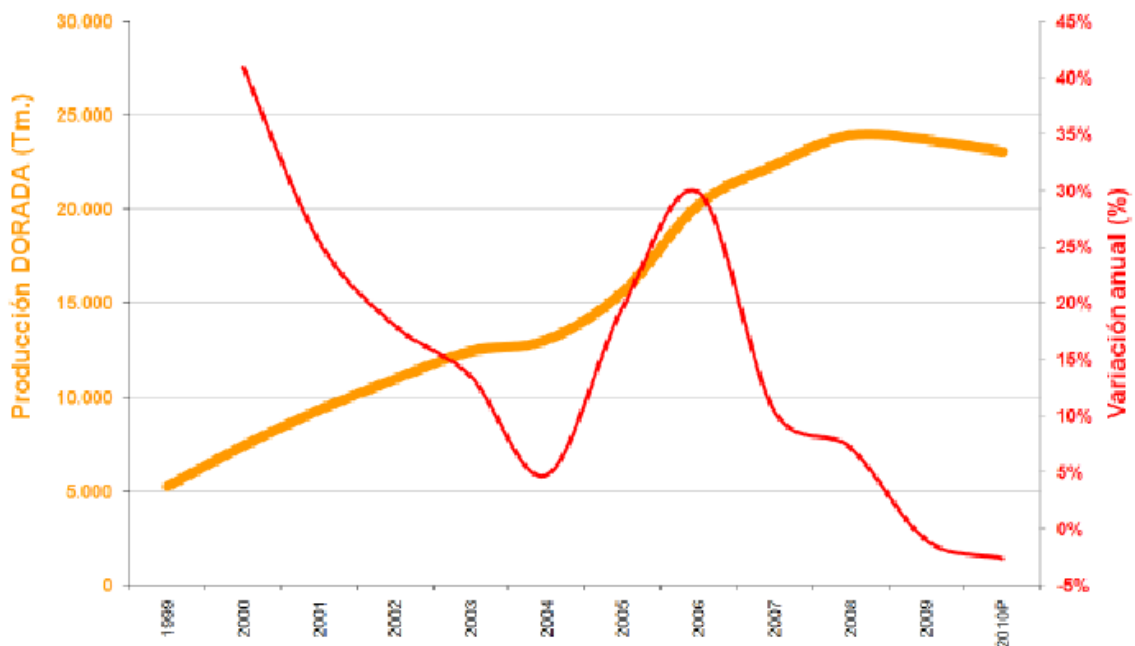


(Datos FAO y FEAD; Figura APROMAR 2010)

Producción de dorada en España

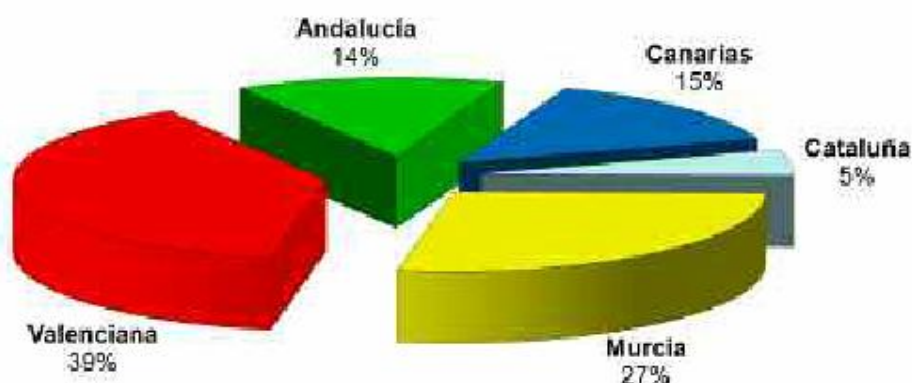
La producción de dorada de acuicultura en España en 2009 ha sido de 23.690 toneladas, un 1,0% menor sobre la cifra de 2008. Esta circunstancia de descenso continuado de la producción no había ocurrido nunca en la historia de la acuicultura de dorada en España. En 2009 la Comunidad Valenciana (con el 39% del total) ha encabezado la producción de dorada de acuicultura en España, seguida por Murcia (27%), Canarias (15%), Andalucía (14%) y Cataluña (5%). Destacan especialmente el decremento de la producción en Canarias y el aumento en Andalucía y la Región de Murcia. (APROMAR 2010).

Figura 9. Evolución de la producción acuícola de la dorada en España del periodo 1999-2009 y previsión para el 2010. Se muestra la tasa de variación interanual



(Datos y Figura APROMAR 2010)

Figura 10. Distribución porcentual de la producción de la dorada por CC.AA. en 2009



(Datos y Figura APROMAR 2010)

Figura 11. Mapa de distribución de la producción de dorada en España



(Datos y Figura APROMAR 2010)

Aunque hoy en día sigue llegando a los puertos pesqueros españoles una cierta cantidad de dorada silvestre capturada por los barcos de pesca (1.189 toneladas en 2008), su volumen permanece relativamente constante, mientras que la dorada de crianza supone el 95% del total.

1.1.1.8. Mercado y comercio

El cultivo de dorada en la región mediterránea está experimentando una profunda transformación, de ser una industria con altos márgenes y bajos volúmenes, pasa a ser una de bajos márgenes y altos volúmenes, como ocurre, por ejemplo, con la lubina. El rápido desarrollo de la producción en jaulas marinas ha llevado a un descenso de los precios. Sirva de muestra que los precios en granja de ambas especies disminuyeron en aproximadamente 60 % entre 1990 y 2000 y, actualmente, siguen con tendencia a bajar.

Aunque los precios de dorada en granja comenzaron a bajar entre 1990 y 1995, eran aún suficientemente altos como para interesar a los inversionistas y garantizar un beneficio razonable para los cultivadores hasta 1998. Sin embargo, del 2000 al 2003, el precio de dorada cultivada bajó mucho; situándose actualmente el precio comercial en el mercado europeo en fluctuación alrededor de 5,50 €/kg, para el tamaño de 350 g. Estos precios tan bajos dificultan la viabilidad del cultivo.

Actualmente, las condiciones de mercado quedan alejadas de las existentes en la primera mitad de los años 90. Sin embargo, existen estrategias de comercialización para la cría rentable de dorada. Una de estas estrategias la constituyen las economías de escala (cultivar una gran cantidad de peces para reducir los costos por unidad de producción). Alternativamente, los sistemas de pequeña producción pueden aumentar el valor del producto produciendo bajas cantidades de peces muy alta calidad (por ejemplo peces orgánicos) o produciendo tamaños poco convencionales de peces, los cuales también pueden ser procesados (por ejemplo fileteados). (COLLOCA & CERASI 2011).

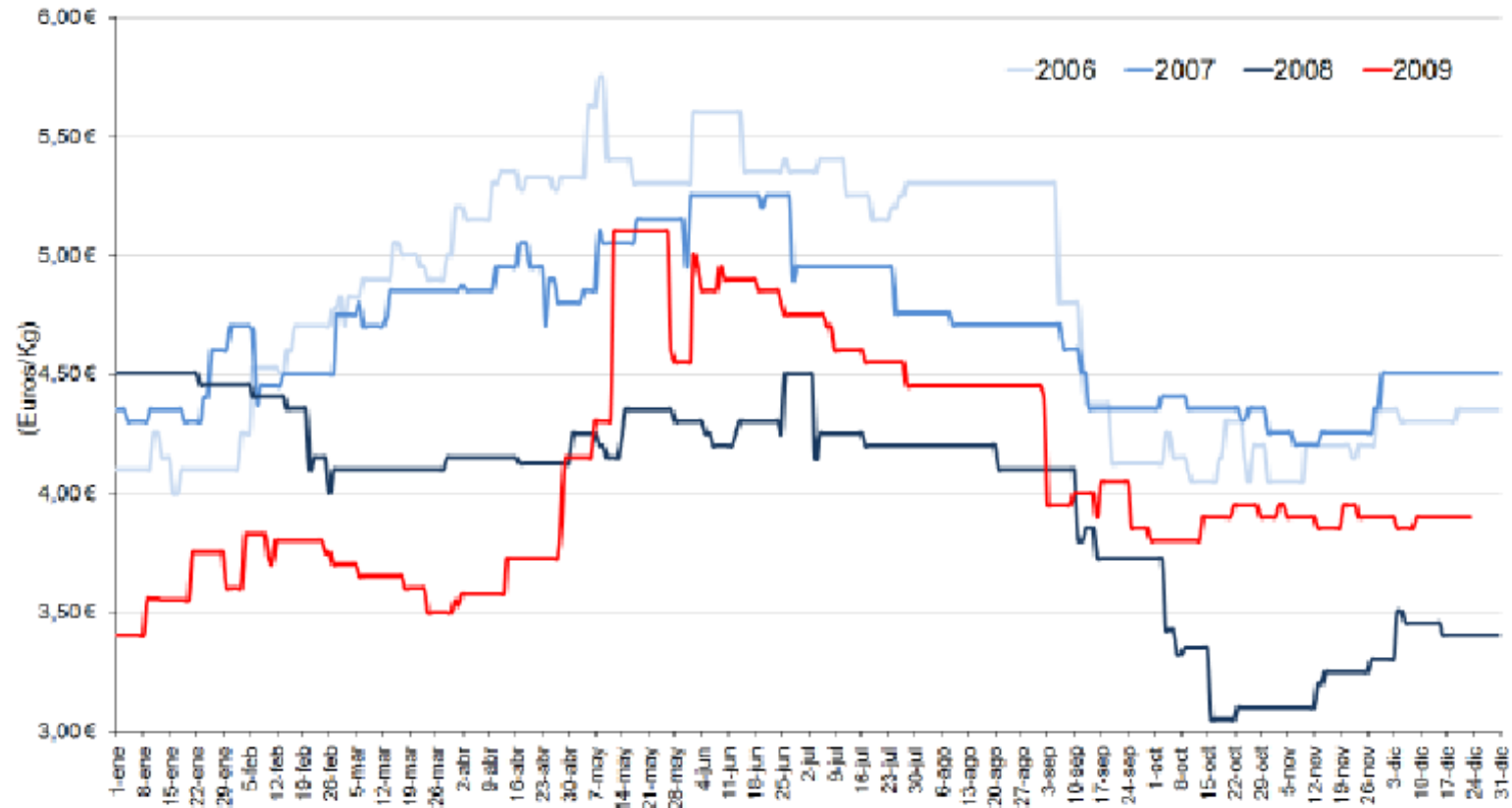
1.1.1.9. Situación actual y tendencias futuras

Actualmente, el mercado convencional para la dorada se percibe saturado. En el futuro, para asegurar el crecimiento del comercio, la acuicultura mediterránea necesita mejorar los métodos de comercialización. Es necesario ampliar los mercados existentes y penetrar en nuevos. Otro elemento a considerar es la diversificación del producto.

El precio medio en España de primera venta de dorada de acuicultura en 2009 ha sido de 3,75 €/Kg. Este precio es un 2,4% superior al de 2008, mientras que este había caído un 14,9% respecto del de 2007. El ejercicio 2009 fue el segundo año consecutivo con resultados negativos para los productores de dorada, tanto en España como en el resto del Mediterráneo, aunque se comenzaron a percibir tenues signos de recuperación en el segundo semestre de 2009. Debe tenerse en cuenta que un precio medio de venta de 3,75 €/Kg es inferior al coste medio de producción, que se sitúa en una franja entre 3,70 y 4,20 €/Kg, según la eficiencia de las empresas. Aunque debe tenerse en cuenta que el precio de venta referido incluye las importaciones, que habitualmente llegan a España a precios menores a la dorada nacional. (APROMAR 2010)

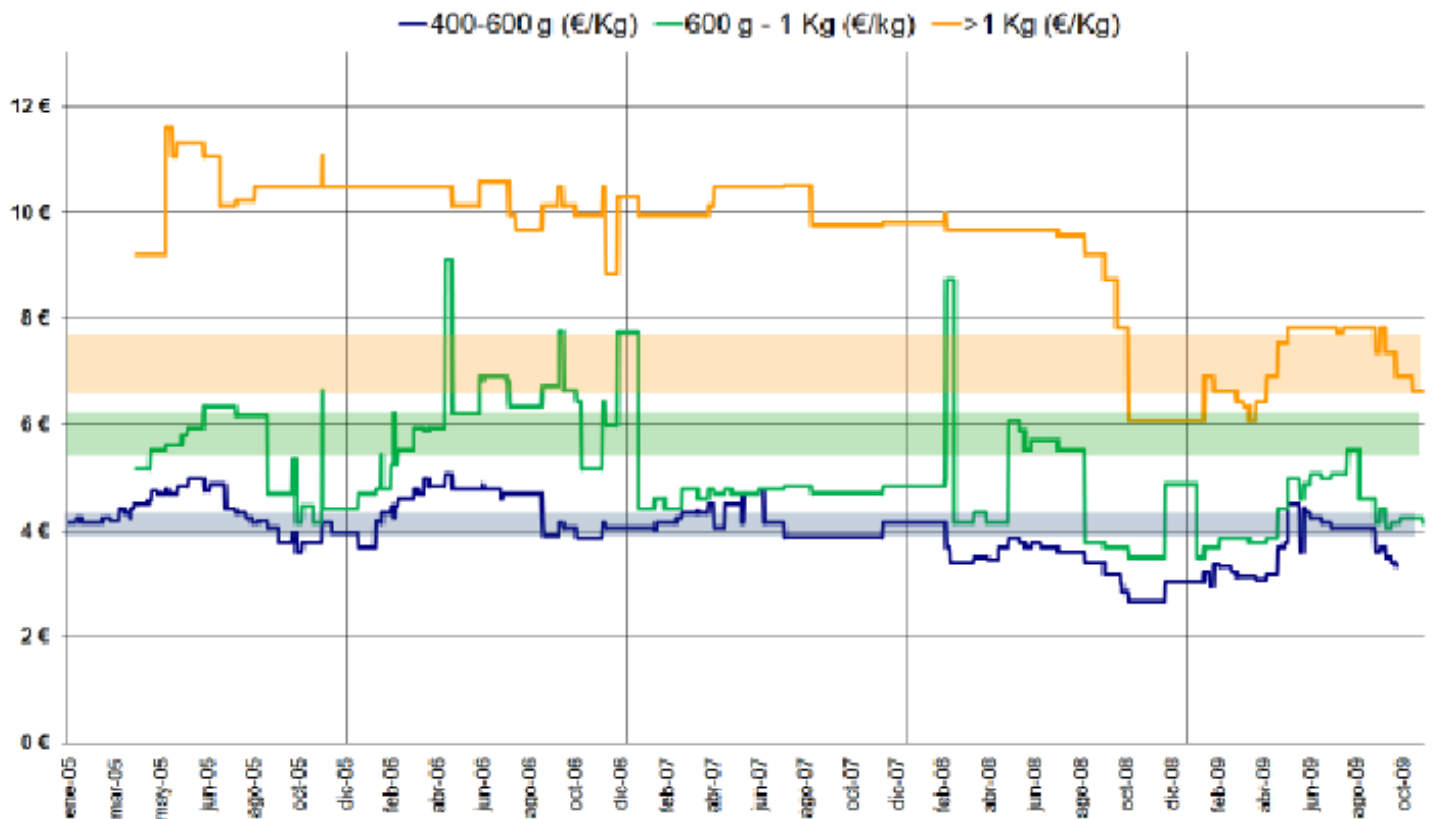
Las causas de esta crisis de precios deben buscarse en los incrementos de la producción de esta especie a nivel del Mediterráneo en los últimos años, en el excesivo número de operadores comercializadoras extranjeras y españolas que fraccionan en exceso la oferta y en el desequilibrio existente entre la capacidad de negociación de la demanda frente a la de la oferta. Por otra parte, dos años de precios de venta bajos han arrastrado a las empresas productoras de dorada a graves problemas de tesorería que obligaron a ventas en condiciones desfavorables. (APROMAR 2010)

Figura 12. Evolución de los precios medios (€/Kg.) de comercialización de dorada (400/600 g.) en MercaMadrid y MercaBama (precios de salida de Mercas) entre 2006-2009.



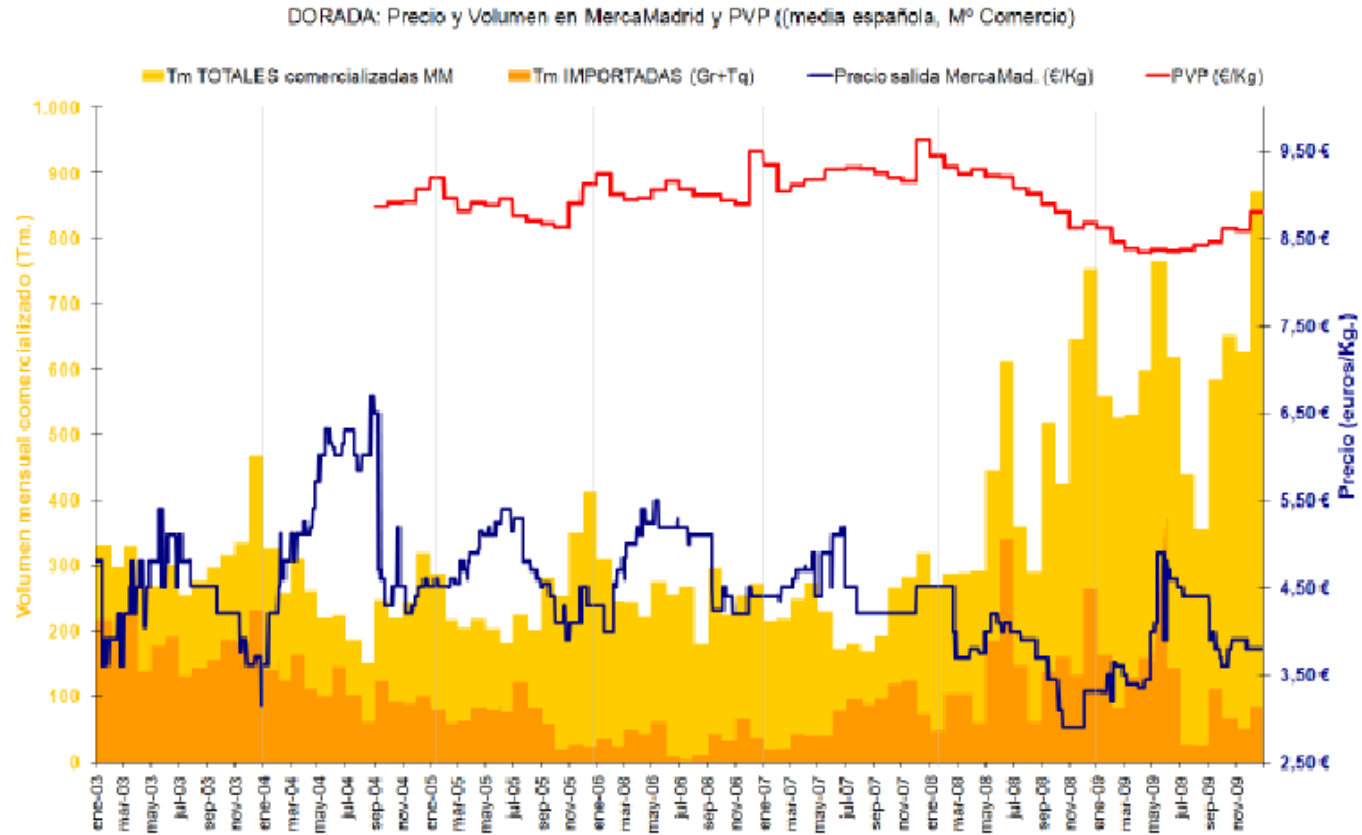
(Datos del M° de Industria, Turismo y Comercio; Figura APROMAR 2010)

Figura 13. Evolución de los precios medios (€/Kg.) de comercialización de dorada en sus tres principales tallas comerciales en MercaMadrid (precios de salida de Mercas) entre 2005-2009. Las bandas muestran aproximaciones al coste de producción de cada una de las tallas, cada una en su mismo color



(Datos del M° de Industria, Turismo y Comercio; Figura APROMAR 2010)

Figura 14. Evolución de la comercialización de dorada (400/600 g.) en MercaMadrid entre 2003-2009. Se indica el volumen comercializado (t. distinguiendo la dorada de origen español de la de importación) y el precio de venta a en MercaMadrid (€/Kg.) Se muestra el precio medio de venta al público (PVP) calculado por MITC (€/Kg.)



(Datos del Mº de Industria, Turismo y Comercio; Figura APROMAR 2010)

1.1.1.10. Sistema de producción

Suministro de semilla (COLLOCA & CERASI, 2011)

Habitualmente, cada hatchery tiene su propia unidad de reproducción, donde los reproductores de varios grupos de edad, desde machos de 1 año de edad hasta hembras de 5 años, son mantenidos bajo condiciones de siembra a largo plazo. Los reproductores pueden provenir ya sea desde una granja o de la naturaleza.

Al comienzo de la época de desove, grupos seleccionados de reproductores son transferidos desde sus lugares de residencia de largo tiempo a los tanques de desove. El control de la proporción de sexos en los tanques de desove es un factor muy importante para la dorada y se necesita un control exhaustivo del cambio de sexo.

Desove fuera de estación

Los reproductores de dorada pueden ser condicionados por manipulación ambiental para extender o modificar el tiempo de reproducción. Los peces son mantenidos en tanques equipados con un sistema de calentamiento/enfriamiento de agua y control computarizado de temperatura e intensidad de luz. La maduración sexual se obtiene exponiendo a los reproductores a condiciones de fotoperíodo y temperatura del agua que ocurren durante el período natural de desove. El desove de las hembras se puede obtener por inoculación (5–20 mg/kg) de GnRHa (1) (D-Ala6; Pro9Net-mGnRH).

Hay dos sistemas principales de crianza de larvas de dorada, llamados de pequeña escala y de gran escala. El sistema de crianza de pequeña escala (<10 m³) se caracteriza por un máximo control de los parámetros ambientales y está concebido para producir un gran número de juveniles (150–250/litro). La técnica de gran escala (~200 m³) simula un ecosistema natural. Esta técnica garantiza mucho mejor la calidad de las larvas que el sistema de pequeña escala, pero produce mucho menos juveniles (máximo 10/litro).

En la mayoría de los sistemas de crianza, los primeros organismos vivos usados para alimentar las larvas de dorada son rotíferos (e.g. *Brachionus plicatilis*). Después de 10 a 11 días, los rotíferos son integrados con nauplios de *Artemia salina*, hasta que las larvas realizan la metamorfosis (32 o 35 días post-eclosión). En criaderos mediterráneos se usan microalgas (e.g. *Chlorella* sp., *Isochrysis galbana*, *Pavlova lutheri*, *Nannochloropsis oculata*, *N. gaditana*, *Dunaliella tertiolecta*) tanto para la producción de rotíferos como para mejorar la calidad del agua en los tanques de larvas, creando la así llamada “agua verde” que es usada durante las fases iniciales de crianza.

La primera alimentación con una dieta artificial seca formulada, rica en proteínas (50 a 60 %), tiene lugar cuando los peces alcanzan un peso de entre 5 a 10 mg.

Criadero

Los juveniles de unos 45 días de edad, generalmente, son transferidos a una sección del hatchery equipada con tanques redondos o rectangulares más grandes (10 a 25 m³), donde se les comienza a alimentar con dietas artificiales. La etapa de alimentación es en realidad un sistema intensivo de crianza. La densidad inicial de los alevines se sitúa generalmente entre 10 y 20/litro a una temperatura de 18 °C y salinidad de 35 a 37 ‰. La densidad final puede alcanzar los 20 kg/m³ de peces de 2 o 3 g. El alimento es presentado a intervalos de 2 horas desde las 08:00 a las 20:00, usando un porcentaje creciente de alimentos artificiales compuestos de partículas de 150 a 300 µm. El alimento seco suele ser proporcionado, inicialmente, en cantidades alrededor de 20 g/m³. (COLLOCA & CERASI, 2011)

Técnicas de engorde (COLLOCA & CERASI, 2011)

La dorada puede ser cultivada de diversas formas: en estanques y lagunas costeras, con métodos extensivos y semi-intensivos; o en instalaciones con base en tierra y en jaulas marinas, con sistemas de cultivo intensivo.

Sistema extensivo

Este sistema se basa en la migración natural de peces eurihalinos, cuando los peces pueden ser capturados, generalmente con trampas. Esta práctica provee una fuente natural de juveniles muy limitada e impredecible por lo que, muchas unidades comerciales modernas de producción extensiva dependen tanto de juveniles capturados en la naturaleza como de aquellos criados en hatchery. Generalmente, las doradas de 2 a 3 g son sembradas en las lagunas en abril o mayo.

En estos sistemas las doradas alcanzan el primer tamaño comercial (350 g) en 20 meses y, usualmente, son cultivadas junto con lisas, anguilas y lubinas.

La producción total de esta clase de policultivo varía entre 30 o 150 kg/ha/año de acuerdo con la productividad de la laguna. En lagunas del noreste de Italia la producción de dorada representa 15 a 30 kg/ha/año del total. Durante el ciclo de producción, los peces se alimentan de los recursos naturales de la laguna; sin alimentación suplementaria. En cultivo extensivo la densidad de peces generalmente no excede los 0,0025 kg/m³.

Sistemas semi-intensivos

En este sistema el control humano del ambiente de cultivo es mucho mayor que en el sistema extensivo. Puede involucrar, simplemente, la siembra de lagunas con juveniles previamente engordados en un sistema intensivo para minimizar la mortalidad y acortar el tiempo de cultivo. En este caso también es posible fertilizar el área de cultivo para aumentar la disponibilidad de alimento natural. Otros tipos de cultivo semi-intensivo involucran más control e incluyen la provisión de alimento artificial y suplemento adicional de oxígeno. Este tipo de sistema de cultivo semi-intensivo se realiza usualmente en corrales de red dentro de áreas limitadas en lagunas. La producción final es muy variable, en función del tamaño de los juveniles sembrados y la cantidad de alimento presentado. La densidad en sistemas semi-intensivos normalmente no excede 1 kg/m³ y la producción varía entre 500 o 2.400 kg/ha/año.

Sistemas intensivos

El engorde intensivo sigue, normalmente, a otras fases de cultivo intensivo a saber, reproducción, crianza de larvas y pre-engorde. Las fases intensivas de pre-engorde y engorde de dorada pueden realizarse en instalaciones con base en tierra, con tanques rectangulares de tamaño variable (200–3.000 m³) acorde con el tamaño de los peces y las demandas de producción. El engorde también puede realizarse en jaulas marinas, tanto en sitios protegidos y semi-expuestos (jaulas flotantes) como en sitios totalmente expuestos (jaulas semi-sumergibles o sumergibles).

En los sistemas intensivos de engorde la tasa de conversión del alimento (TCA) es usualmente muy favorable (alrededor 1,3:1).

Cuando las doradas son criadas en tanques, se usan densidades muy altas (entre 15 o 45 kg/m³) y se necesita la inyección masiva de oxígeno para asegurar la supervivencia de los peces. Bajo condiciones de temperatura entre 18 y 26 °C, las pequeñas doradas pre engordadas (5 g) alcanzan el primer tamaño comercial (350 o 400 g) en alrededor de un año.

El engorde en jaulas marinas es simple y económico. Es el sistema de engorde usado normalmente en la cuenca mediterránea. Aunque las densidades (10 a 15 kg/m³) son más bajas que en los tanques, hay grandes ventajas que hacen que el cultivo en jaulas sea, en general, más rentable. Sin embargo, en la crianza en jaulas no es posible el control de la temperatura, repercutiendo esto en un período de crianza más largo para alcanzar el tamaño de mercado, o en la necesidad de sembrar juveniles más grandes. En promedio, las doradas más grandes y pre-engordadas (10 g) alcanzan el primer tamaño comercial (350 o 400 g) en un año aproximadamente, mientras que juveniles más pequeños (5 g) alcanzan el mismo tamaño en alrededor de 16 meses.

Suministro de alimento

Los alimentos suelen ser distribuidos por alimentadores automáticos, a intervalos de 2 horas desde las 08:00 a las 20:00 para peces pequeños (1 a 3 g), usando porcentajes en aumento de dietas artificiales compuestas de partículas de 150 o 300 μm , o manualmente para peces más grandes. La clasificación por tamaños es necesaria al menos dos o tres veces por ciclo, para evitar la diferenciación del crecimiento. El engorde puede realizarse en tanques o en sistemas de jaulas. (COLLOCA & CERASI, 2011)

Técnicas de cosecha

Antes de cosechar, se establecen algunos días de inanición. La duración de este período varía de acuerdo con la temperatura y la tasa de alimentación (por ejemplo, a 25 °C, 24 horas puede ser suficiente). A temperaturas más bajas, se establecen de 48 a 72 horas. Después del periodo de inanición, los peces están listos para ser cosechados. Antes de comenzar esta operación, es preceptivo comprobar la presencia de peces moribundos o muertos.

En las instalaciones con base en tierra es posible cosechar los peces independientemente de las condiciones climáticas. En los tanques de concreto, los trabajadores empujan los animales hacia la entrada del agua usando una pequeña red de barrera. Después, los peces se recogen con redes de mano o por bombeo. Se pone especial cuidado en la limpieza del fondo del tanque, antes de la cosecha. Esto asegura peces más higiénicos, y garantiza que el producto tenga buenas propiedades organolépticas.

Las jaulas marinas pueden ser cosechadas cuando las condiciones climáticas son aceptables para la seguridad de los trabajadores. Los peces deben ser constreñidos en un área, relativamente pequeña, de manera que los animales puedan ser cosechados con redes de mano o bombas de vacío. (COLLOCA & CERASI, 2011)

Manipulación y procesamiento

Tanto en las jaulas marinas como en las instalaciones con base en tierra, es usual que las doradas sean sacrificadas mediante un golpe térmico. Los peces son colocados en tinas (plásticas o de acero inoxidable) con agua helada, que debe estar saturada con CO_2 , para reducir su sufrimiento. La extracción de peces del agua y su empaquetamiento debe realizarse rápidamente para prevenir la pérdida de escamas, y para preservar la apariencia y brillo de la piel. (COLLOCA & CERASI, 2011)

1.1.1.11. Galería de imágenes



Imagen 1. Jaulas marinas

(Foto por Francesco Cardia)



Imagen 2. Jaulas marinas

(Foto por Francesco Cardia)



Imagen 3. Canal

(Foto por Patrick Prouzet)



Imagen 4. Tanque para larvas

(Foto por Robert Vassallo)



Imagen 5. Jaula perteneciente a una granja de cría de doradas

(Fuente: Portal Región de Murcia)

1.1.2. FACTORES AMBIENTALES Y CRECIMIENTO

1.1.2.1. Crecimiento

El crecimiento es una de las actividades más complejas de cualquier organismo. Es el resultado de una serie de procesos fisiológicos y de comportamiento que empieza en la ingestión de alimento y termina en la deposición de sustancia animal. Schreck & Moyle (1990) definen el crecimiento como cualquier cambio en el tamaño o cantidad de material corporal, positivo o negativo, temporal o intemporal. El crecimiento se puede describir en términos de longitud o peso, referido siempre a un intervalo de tiempo. Sin límites en la fuente de alimentación, y para cortos períodos de tiempo, el crecimiento sigue una curva exponencial del tipo: $P = a \cdot e^{g \cdot t}$, donde P es el peso, t el tiempo y a y g son constantes. Para un instante temporal, t , el crecimiento absoluto en peso $\left(\frac{dP}{dt}\right)$ es mayor en el punto de inflexión de la curva sigmoide; y el crecimiento relativo $\left(\frac{dP}{dt} / P\right)$ es generalmente mayor en los estadios juveniles. Esta última expresión corresponde a la tasa instantánea, relativa, de crecimiento, que multiplicada por 100 representa el porcentaje del incremento en peso por unidad de tiempo (generalmente día) y que llamaremos G (Ricker, 1979).

Por razones prácticas, el crecimiento se suele medir mediante un valor promedio para un intervalo de tiempo conocido, más que para un instante particular: siendo P_0 y P_f los pesos de un pez en los tiempos t_0 y t_f , respectivamente, estimaremos G a partir de la expresión:

$$G(\%) = \frac{\ln(P_f) - \ln(P_0)}{t_f - t_0} \times 100$$

Existen numerosos factores ambientales, bióticos y abióticos que, interaccionando entre ellos, determinan la tasa de crecimiento a partir de las funciones básicas: ingestión, absorción, asimilación, gasto metabólico y excreción (Brett, 1979). Según Stauffer (1973) son, al menos, tres las variables independientes más importantes involucradas en el crecimiento: la ración de alimento, el tamaño del individuo y la temperatura ambiental.

No se puede considerar el crecimiento en relación con los factores ambientales sin tener en cuenta el consumo de alimento. El crecimiento está ligado inseparablemente a este factor biótico de forma que éste interacciona necesariamente con cualquier otro factor abiótico. Por ejemplo, con el aumento de la temperatura la cantidad de alimento consumido generalmente aumenta al igual que la tasa de digestión. Por lo tanto, es de esperar que los tres factores: alimento, metabolismo y temperatura; interaccionen entre sí afectando el crecimiento de forma que se producen cambios progresivos y complejos según la evolución de dichos factores. La relación entre G y la ración de alimento, desde el mínimo al máximo consumo, puede explicar muchas de las acciones ambientales que actúan sobre el crecimiento.

La acción de crecer altera el tamaño corporal que es, por lo tanto, otro factor biótico que cambia continuamente con el tiempo. Por otro lado, los procesos de crecimiento no están libres de la influencia de la temperatura, que actúa siempre en conjunción, nunca como consecuencia, con el resto de factores ambientales. Existen los factores limitantes, que por definición no interaccionan, sino que actúan en serie. No existe la combinación óptima, sino que se da el máximo cuando ninguno es limitante. Es el caso de la ración y el peso, o la ración y el oxígeno.

Las distintas respuestas al crecimiento son el resultado de la interacción entre las múltiples combinaciones de los factores ambientales. La línea de máximo crecimiento representa la óptima condición en términos de dos o más factores ambientales considerados. Consideraremos como factores abióticos: la temperatura, la luz o fotoperíodo, la salinidad y la concentración de oxígeno disuelto; y como factores bióticos: la alimentación, el peso y la competencia.

1.1.2.2. Temperatura

La temperatura actúa como un factor controlador, determinando los requerimientos metabólicos y gobernando los procesos relacionados con la transformación del alimento. La mayoría de especies presentan un rápido crecimiento con el aumento de la temperatura hasta un cierto valor de ésta (temperatura óptima) pasado el cual, generalmente, el crecimiento desciende de golpe, por lo que las altas temperaturas resultan claramente adversas. La temperatura óptima de crecimiento aumenta a medida que la especie está más adaptada a aguas más calientes i viceversa. (CARDERER 2001).

El mismo efecto se tiene con la ración de alimento. El incremento de la temperatura aumenta el apetito hasta un cierto punto a partir del cual el apetito se pierde. La ración máxima aumenta de forma logarítmica, la ración óptima de forma lineal y, excepto para temperaturas bajas, la ración de mantenimiento aumenta exponencialmente con el aumento de la temperatura (Brett *et al.*, 1969; Elliott, 1975). La energía disponible para el crecimiento es el resultado de la diferencia entre la ración máxima y la de mantenimiento, dentro del rango tolerable de temperaturas (Brett, 1976). A bajas temperaturas, la demanda de la ración de mantenimiento se reduce, permitiendo que una fracción mayor de la ración disponible se convierta en crecimiento. (CARDERER 2001).

La temperatura es una de las variables más importantes en un cultivo de peces ya que, disponer de la temperatura idónea para un crecimiento más rápido permite la reducción del tiempo de producción y una mejor eficacia alimenticia, con el consecuente ahorro, por ejemplo en pienso. (CARDERER 2001).

En el caso de la dorada, el rango de temperaturas tolerable, fuera del cual el animal no puede sobrevivir, va de los 4°C a los 32°C. Ya que la dorada admite amplias variaciones de temperatura, se trata de una especie euriterma. No obstante, los valores óptimos de temperatura para el crecimiento y para la reproducción pueden ser diferentes. Para la dorada, la temperatura óptima para la reproducción va de los 16°C a los 25°C. Sin embargo la temperatura óptima para el crecimiento se sitúa entre los 20°C y los 25°C. Este rango de temperaturas óptimas de crecimiento ubica a la dorada en el grupo de las especies de agua templada.

1.1.2.3. Luz

La luz puede actuar de múltiples maneras (según calidad, cantidad y periodicidad) sobre el crecimiento, interaccionando a la vez con otros factores ambientales, particularmente con la temperatura y los ritmos internos del pez (diario y estacional). La luz estimula la respuesta pituitaria y, como consecuencia, el sistema endocrino y simpático. Su periodicidad natural induce la producción de la hormona de crecimiento y otros esteroides anabólicos, y puede influir en la actividad locomotora asociada a la estimulación tiroidea. Por otro lado, el fotoperíodo puede ser manipulado en la smoltificación de salmónidos o para la inducción temprana a la maduración sexual (por estimulación de las vías neuroendocrinas relacionadas con la excreción de sodio o la producción de gonadotropinas), con las respuestas de crecimiento adicionales ya que estas vías son parcial y temporalmente antagónicas con la producción de la hormona del crecimiento (Brett, 1979).

En algunas especies se ha observado que los cambios estacionales de la tasa de crecimiento están más relacionados con la longitud del día que con los cambios de temperatura, con un desfase de un mes (Hogman, 1968). El consumo de alimento aumenta con el fotoperíodo largo y la eficacia de conversión es más elevada (Gross *et al.*, 1965).

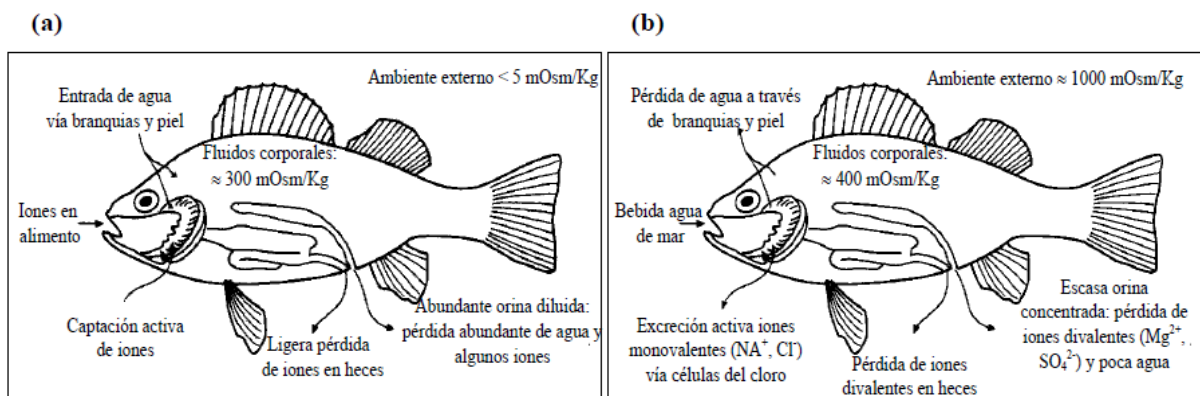
1.1.2.4. Salinidad.

La presión osmótica interna de los fluidos de los peces difiere en mayor o menor grado de la del agua que los rodea. Los peces de agua dulce tienen una concentración osmótica superior a la del medio, mientras que en los peces marinos las sales de sus fluidos corporales se encuentran más diluidas que el agua de mar. La osmoregulación es la capacidad de controlar tanto el agua como la concentración de electrolitos de los fluidos internos, dentro de límites estrechos cuando el animal se expone a diversas salinidades ambientales. (CARDERER 2001).

En especies de agua dulce, el principal problema que produce el gradiente osmótico entre los fluidos internos y los externos, es la pérdida de sales y la entrada de agua a través de las branquias. El mantenimiento del balance interno se solventa mediante un riñón glomerular en el que los solutos filtrados son reabsorbidos, y el exceso de agua eliminada. La orina es muy diluida y producida en grandes cantidades lo que no evita la pérdida de sales, que deben ser reemplazadas en la dieta o mediante transporte activo a través de las branquias (ver Figura 15) (Fuentes, 1994; Jobling, 1995). Las especies estrictamente dulceacuícolas son estenohalinas y mueren en agua marina. (CARDERER 2001).

En los teleósteos marinos, con una osmolaridad interna inferior a la del medio, el problema del control iónico es a la inversa: sufren pérdida de agua, principalmente a través de piel y branquias y entrada excesiva de sales por difusión. Esta pérdida de agua osmótica es compensada bebiendo agua de mar y absorbiendo agua por el tubo digestivo. La absorción iónica se inicia a nivel del esófago con lo que el agua que entra en el intestino tiene menos concentración que el agua de mar, donde la absorción activa de iones (Na^+ , K^+ y Cl^-) permite la entrada pasiva de agua. El exceso de iones Na^+ y Cl^- se excreta de forma activa a través de las branquias mediante las células del cloruro. Estas células se concentran en branquias y epitelio de cabeza y opérculo. Son células que poseen un gran número de mitocondrias y un extensivo sistema tubular con el sistema Na^+-K^+ ATPasa (o bomba de sodio) (McCormick, 1995). Aunque se asociaron primero al transporte de los iones cloruro, son también responsables del transporte de H^+ , Na^+ , K^+ , NH_4^+ y HCO_3^- . El agua residual que contiene la gran mayoría de iones divalentes (solo el 20% es absorbido en el tracto digestivo) y otros iones, es eliminada con las heces. Esta forma de obtención de agua comporta la incorporación de una cantidad extra de sales además de las captadas por difusión a través de las branquias y otras superficies corporales. El exceso de iones divalentes, Mg^{2+} y SO_4^{2-} , se eliminan por el riñón, mediante mecanismos de secreción tubular. El riñón produce una mínima cantidad de orina isosmótica, ya que la actividad glomerular es baja, con el consiguiente ahorro en agua (ver Figura 15) (Jobling, 1995). El glomérulo es menor que en los peces de agua dulce, incluso algunos carecen de glomérulo (Fuentes, 1994). (CARDERER 2001).

Figura 15. Resumen de los procesos de intercambio iónico y osmoregulación en teleósteros de agua dulce (a) y marinos (b)



(Fuente: CARDERER 2001).

La mayoría de los peces sólo toleran salinidades similares a aquellas en las que residen. Sin embargo, hay algunas especies capaces de sobrevivir en un amplio rango de salinidades. Se denominan eurihalinas y los movimientos que realizan a zonas de distintas salinidades, están asociados, a menudo, con su ciclo vital. Existen dos tipos de especies eurihalinas: las que toleran y se adaptan a fluctuaciones rápidas de la salinidad externa; y las que realizan migraciones en algún período de su ciclo vital entre medios dulceacuícolas y marinos. Las primeras viven en estuarios, salinas y zonas litorales (entre éstas se incluye la dorada) y pueden experimentar cambios desde agua de mar a agua dulce en el tiempo de un ciclo mareal. El segundo grupo lo conforman las especies que requieren de cambios fisiológicos a largo plazo (e irreversibles) cuando realizan migraciones desde distintas salinidades ambientales (por ejemplo los salmónidos). (CARDERER 2001).

La transferencia brusca de un teleosteo eurihalino entre ambientes de salinidad extrema, conlleva cambios en dos períodos: el período adaptativo y el período regulatorio. En el período adaptativo se producen cambios en los iones plasmáticos y la presión osmótica, pero al cabo de un tiempo se recuperan los valores plasmáticos originales. Por otra parte, en el período regulatorio, los niveles iónicos plasmáticos y la osmolaridad se regulan finalmente hasta la homeostasis, con lo que se considera al pez adaptado al medio. (CARDERER 2001).

Estas especies capaces de mantener su osmolaridad y sus concentraciones iónicas casi invariables, en un amplio rango ambiental, tienen que sufrir una serie de modificaciones morfo-funcionales en sus órganos osmoreguladores (branquias, intestino y riñón) durante la adaptación a diferentes salinidades (Fuentes, 1994). Por ejemplo: varían la tasa de filtración glomerular para regular su producción de orina. Ajustan la tasa individual de filtración de cada nefrona y modulan el número de nefronas filtrantes. A mayor salinidad, menor número de glomérulos irrigados y menor número de nefronas filtrando. También se modifica la estructura del glomérulo: reducen la permeabilidad de la membrana reduciendo la filtración. Por consiguiente, cualquiera que sea el mecanismo, los peces necesitan un gasto energético para su regulación osmótica (Farmer & Beamish, 1969) asociado con el transporte activo de iones para mantener el medio interno. Este gasto energético siempre será en detrimento de la energía dedicada al crecimiento. (CARDERER 2001).

Se ha estudiado el efecto de la salinidad sobre el crecimiento en una amplia variedad de especies con resultados muy variables (De Silva & Perera, 1976; Alliot *et al.*, 1983; Eisawy & Wassef, 1984; Dendrinis & Thorpe, 1985; McKay & Gjerde, 1985; McCormick *et al.*, 1989; Wurts & Stickney, 1993; Duston, 1994). Las especies de agua dulce pueden tener cierto beneficio en su punto isosmótico, pero por encima de esta concentración, el crecimiento máximo desciende bruscamente. Salinidades del 15‰ pueden ser letales (*Carassius auratus*) por razones osmóticas e iónicas. Por su parte, especies eurihalinas (*Cyprinodon*, *Tilapia*, *Sparus*), que es el caso de la dorada, pueden crecer, comparativamente bien, en cualquier punto de 0 a 55‰ de salinidad. No obstante, no existen demasiadas referencias sobre el mínimo de salinidad tolerable para especies estrictamente marinas. (CARDERER 2001).

La dorada, como pez marino, tienen una concentración salina más baja que la del agua marina que la rodea, es decir se encuentra en un medio hiper-osmótico por lo que tiene que perder agua principalmente a través de las branquias, mientras que las sales tienden a entrar por difusión. Para reemplazar esta pérdida, bebe agua de mar, absorbe agua desde el tubo digestivo y excreta sales a través de las branquias y la orina, produciendo una orina muy concentrada (ver figura 15).

La dorada también puede crecer en salinidades inferiores a la del mar, o incluso en agua dulce, aunque los crecimientos parecen ser mejores a partir de salinidades intermedias (15 g/l).

1.1.2.5. Concentración de oxígeno disuelto (OD)

Existe una concentración crítica de OD en el agua para el crecimiento, por debajo de la cual la disminución de la tasa de crecimiento es directamente proporcional a la disminución de la concentración de OD (el descenso en 1ppm puede reducir la tasa de crecimiento en un 30%) (Stewart *et al.*, 1967; Herrmann *et al.*, 1962). Por otro lado, un exceso de la concentración de OD puede ser letal.

En el momento de la alimentación y horas después, se produce un aumento en la tasa metabólica de los peces. El incremento del consumo de oxígeno es proporcional a la cantidad de alimento ingerido. El oxígeno ambiental puede actuar como un factor limitante de las vías de transformación del alimento, restringiendo el crecimiento y la eficacia de conversión por debajo de un nivel crítico de oxígeno (alrededor de 5 ppm). La reducción de la concentración de oxígeno disponible actúa como una señal para reducir el apetito (Brett, 1979; Jobling, 1994; Thetmeyer *et al.*, 1999). El coste energético de las adaptaciones cardio-respiratorias provocado por un descenso en la concentración de OD del agua, se cobra en detrimento del crecimiento (Randall, 1982).

Teniendo en cuenta que el alimento es el elemento más importante para el crecimiento, cualquier restricción en este sentido reduce el crecimiento a niveles más bajos. Una ración limitada va acompañada de una baja tasa metabólica y consecuentemente, una reducción en la demanda de oxígeno. Por consiguiente, es de esperar que el nivel crítico de oxígeno descienda con la ración (Fisher, 1963). Esto es debido a la interacción de dos factores limitantes del crecimiento - la alimentación y el oxígeno - que actúan en serie.

Las oscilaciones diarias de la concentración de oxígeno en el agua no son raras en la naturaleza. Son debidas, fundamentalmente, al ciclo de la luz y la fotosíntesis. Stewart *et al.* (1967), Whitworth (1968) y Thetmeyer (1999) comprobaron que el crecimiento era menor en peces sometidos a niveles fluctuantes de oxígeno, comparado con los grupos control mantenidos a un nivel constante de oxígeno. Es más, una exposición a niveles subcríticos de oxígeno durante un periodo de tiempo es suficiente para reducir la tasa de crecimiento de forma comparable a la reducción que se obtiene con un nivel bajo de oxígeno pero constante, aunque se suministre una buena alimentación durante el período de oxígeno alto.

1.1.2.6. Alimentación

La ración máxima que conlleva un máximo crecimiento depende de factores relacionados con la frecuencia y la cantidad de alimento: duración de la toma de alimento (tiempo de saciación), cantidad de comida individual (capacidad estomacal), tiempo entre comidas (frecuencia de alimentación), y la interacción de todos ellos (Brett, 1979). También hay que añadir las consecuencias de la influencia de los factores bióticos y abióticos, entre los cuales la temperatura y el peso son los más importantes. Todo ello siempre y cuando la dieta sea la más adecuada para la especie en cuestión.

La demanda de alimento viene impuesta por los requerimientos básicos del pez. A partir de ahí, la demanda adicional viene dictada por su capacidad potencial de crecimiento (influenciada por la hormona del crecimiento). El tiempo de saciación es muy variable según la especie y puede depender, o no, del peso del animal. Por el contrario, la cantidad de alimento a suministrar, sea en una toma o varias, está muy influenciada por el peso: los peces pequeños consumen cantidades relativamente más grandes; y por la temperatura: la tasa de digestión aumenta con la temperatura y por lo tanto la ingestión diaria también (Elliot, 1975). Esta premisa se aplica en la elaboración de las tablas de alimentación artificial por parte de los fabricantes de piensos.

Seguramente, el indicador más significativo y simple para indicar que una dieta o nivel de ración, es el adecuado para un organismo, es la capacidad de convertir el alimento en carne: el índice de eficacia alimentaria, $IEA = G/R$ (donde G es el índice de crecimiento en peso y R la ración diaria de alimento), que puede ser expresado en términos de peso húmedo, peso seco o contenido calórico (Brett & Groves, 1979), o, multiplicado por 100, como porcentaje.

1.1.2.7. Peso

Pocas relaciones metabólicas son independientes del tamaño del animal. Los procesos anabólicos del crecimiento no son la excepción. A medida que un animal crece en tamaño, las actividades metabólicas disminuyen su tasa de crecimiento, frecuentemente de forma proporcional al incremento de peso a la potencia de 0.7 ($P^{0.7}$) (Kleiber, 1961). El tamaño tiene un efecto continuo sobre la tasa de crecimiento a lo largo de la vida, sin una fase independiente.

En general, la tasa de crecimiento disminuye con el peso. Algunas veces el logaritmo de la tasa de crecimiento disminuye linealmente con respecto al logaritmo del peso, siendo la pendiente de la recta una característica de familia. (Brett & Shelbourn, 1975).

Con el aumento de peso, la ración de mantenimiento desciende y la tasa de pérdida de peso también. Lo mismo sucede con el metabolismo proteico: la retención de nitrógeno respecto al nitrógeno consumido es peso-dependiente, por lo que se acompaña de un descenso en los requerimientos proteicos de mantenimiento (Gerking, 1971). La capacidad potencial de crecimiento disminuye con el peso: la ración máxima disminuye más rápidamente que la ración de mantenimiento.

1.1.2.8. Competencia

Cuando se considera la influencia de los factores abióticos sobre el crecimiento, es conveniente asumir que cada pez no responde como una entidad independiente. En realidad, la interacción del comportamiento puede tener un gran impacto enmascarando y confundiendo los resultados estrictamente fisiológicos.

La interrelación entre los miembros de una muestra de peces está influenciada por el número, espacio, tamaño y especie. La relación de estos factores con el crecimiento y sus interacciones entre ellos está influenciada, básicamente, por la disponibilidad de alimento (Refstie & Kittelsen, 1976). Los comportamientos agresivos y territoriales requieren de un gasto energético, aumentando los requerimientos de mantenimiento y la supresión del crecimiento en los individuos más pequeños (Magnuson, 1962).

Cuando estas interacciones afectan al crecimiento, la diferencia relativa del peso de los miembros de una población generalmente aumenta ya que los peces más grandes crecen más rápido, mientras que los peces más pequeños se retrasan. Es decir, aumenta la varianza de la frecuencia de distribución de los pesos, σ^2 , con el tiempo y este hecho se evalúa mediante el coeficiente de variación, que es la desviación típica dividida por la media (Yamagishi, 1969).

$$CV = \frac{\sigma}{\bar{W}} \times 100 \text{ (en \%)}$$

En el caso de la dorada, el coeficiente de variación aumenta con el peso, hecho que está asociado a la agresividad y al canibalismo.

1.2. INTRODUCCIÓN A LA ESTIMACIÓN DEL CRECIMIENTO DE PECES

1.2.1. MODELOS PARA LA ESTIMACIÓN DEL CRECIMIENTO DE PECES

1.2.1.1. Introducción.

El problema de establecer modelos para el crecimiento de peces ha sido abordado por diversos autores. La mayoría de los trabajos trabajan sobre poblaciones naturales y, por lo general, los resultados presentan un interés relativo en el contexto de la acuicultura intensiva. Los modelos deterministas clásicos pueden clasificarse en dos categorías:

1. **Modelos formales o descriptivos**, que pretenden ajustar, de la mejor manera posible, los valores a obtener mediante el modelo a los datos observados. Estos modelos no suelen basarse en hipótesis de carácter biológico.

2. **Modelos lógicos o interpretativos**, que se fundamentan sobre hipótesis de carácter biológico.

El más conocido de los modelos interpretativos es el **modelo general de Von Bertalanffy** (1938), basado en una serie de consideraciones fisiológicas sobre el anabolismo y el catabolismo. Este modelo conduce a la siguiente ecuación

$$W(t) = W_{\infty} (1 - e^{-kt})^b \quad (1)$$

Donde $W(t)$ es el peso del pez en el instante t y, en general para biología de pesca, $b = 3$; W_{∞} es el peso asintótico (a largo plazo); k es el coeficiente instantáneo de crecimiento lineal, aceptándose la hipótesis teórica de que $W(0) = 0$. En su forma usual, el modelo de Von Bertalanffy resulta de la resolución de la ecuación diferencial

$$\frac{dW}{dt} = H \cdot W^d - K \cdot W^m \quad (2)$$

donde $H \cdot W^d$ representa la síntesis o anabolismo y $K \cdot W^m$ representa la degradación o catabolismo de la sustancia corporal. La ecuación (2) fue integrada por Beverton y Hold, para el caso particular $d = \frac{2}{3}$ y $m=1$.

$$\frac{dW}{dt} = H \cdot W^{\frac{2}{3}} - K \cdot W,$$

cuya solución exacta es

$$W(t) = \left(\frac{H}{K} + e^{-\frac{1}{3}Kt} C_1 \right) \quad (3)$$

Si en (3) se supone que $K > 0$, $\lim_{t \rightarrow +\infty} W(t) = W_{\infty}$ y $W(0) = 0$, entonces se llega a que

$W_{\infty} = \left(\frac{H}{K} \right)^3$ y $C_1 = \left(-\frac{H}{K} \right)$; y obtenemos

$$W(t) = \left(\frac{H}{K} \right)^3 (1 - e^{-kt})^3$$

es decir

$$W(t) = W_{\infty} (1 - e^{-kt})^3 \quad (4)$$

o lo que es lo mismo, hemos obtenido la ecuación (1) para $b=3$ y $k=\frac{K}{3}$. Este caso particular se basa en la aceptación de que el catabolismo en peces es proporcional al tamaño y en asumir que el consumo de oxígeno debe ser proporcional a $W^{\frac{2}{3}}$ (regla 2/3 del metabolismo). Un detalle interesante es que la curva que describe la ecuación (4) tiene un punto de inflexión cuando la tasa de crecimiento es máxima, lo cual sucede cuando el peso es $W = 0.296 \cdot W_{\infty}$.

El modelo de Von Bertalanffy es un caso particular de la denominada **familia de los modelos de crecimiento de Richards**, la cual se define a partir de la ecuación diferencial

$$\frac{dW}{dt} = \frac{kW}{1-m} \left(\left(\frac{W_{\infty}}{W} \right)^{1-m} - 1 \right) \quad (5)$$

La ecuación diferencial (5) describe un modelo de crecimiento para diferentes patrones de crecimiento orgánico dependiendo del valor del parámetro m , siendo W_{∞} el peso máximo admisible, y k una constante de proporcionalidad. La solución analítica general a la ecuación (5) es

$$W(t) = W_{\infty}^{\frac{1}{1-m}} (1 - A e^{-kt})$$

Casos particulares, de especial interés, de la familia de Richards son:

- **El modelo de Von Bertalanffy:** $m=2/3$ en (5), descrito anteriormente.
- **El modelo Monomolecular:** $m=0$ en (5) o lo que es lo mismo

$$\frac{dW}{dt} = -kW \left(\left(\frac{W_{\infty}}{W} \right)^{-1} - 1 \right) = kW \left(1 - \frac{W}{W_{\infty}} \right)$$

cuya solución general es

$$W(t) = W_{\infty}^{-1} (1 - A \cdot e^{-kt})$$

Esta curva de peso presenta un punto de inflexión cuando el peso es $W(t) = \frac{W_{\infty}}{2}$

El modelo de Von Bertalanffy y el resto de los pertenecientes a la familia de Richards pueden ser adecuados para el estudio de poblaciones naturales pero se utilizan muy poco para el estudio del crecimiento en acuicultura intensiva, ya que las condiciones de producción son, en general, diferentes al medio natural y normalmente sólo interesa el peso hasta el momento en que se alcanzan tamaños comerciales.

1.2.1.2. Modelos de crecimiento en piscicultura intensiva

1.2.1.2.1. Algunos modelos clásicos

La evolución temporal del peso en piscicultura suele seguir un típico perfil sigmoideal, susceptible de ser representado por diversidad funciones matemáticas, aunque numerosos autores consideran que básicamente se puede considerar el crecimiento como un modelo exponencial, sobre cortos periodos de tiempo

$$W(t) = C \cdot e^{kt} \quad (6)$$

donde C y k son constantes. Esta consideración, no obstante, exige que, para abarcar periodos largos de tiempo, tenga que recurrirse a ciertos artificios como, por ejemplo, definir el crecimiento a tramos, recurriendo a distintas funciones exponenciales.

Parker y Larkin, formularon la hipótesis de que, en cada fase del crecimiento, la tasa de crecimiento instantánea del peso, $\frac{dW}{dt}$, es proporcional a una potencia, b , del peso instantáneo

$$\frac{dW}{dt} = K \cdot W^b \quad (7)$$

que nos lleva a la solución exacta

$$\frac{1}{K(b-1)}(W(t))^{1-b} + t = C_1$$

Si se tiene la condición inicial de que $W(0)=W_0$; llegamos a que

$$\frac{1}{K(b-1)}W_0^{1-b} = C_1$$

por lo tanto

$$(W(t))^{1-b} = W_0^{1-b} - K(b-1)t$$

Se han realizado diversos estudios sobre el modelo anterior, según los cuales los crecimientos se ajustarían según la relación

$$(W(t))^a = W_0^a + Ct \quad (8)$$

donde C es la pendiente del crecimiento (dependiente de la temperatura, ración, factores ambientales, etc.) y t es el tiempo, en días. El modelo dado por (8) asume la hipótesis de que hay una potencia del peso que sigue un crecimiento lineal.

Otro modelo interesante es el propuesto por Cho (1992), que plantea una predicción del crecimiento usando un índice denominado Thermal Growth Coefficient (TGC) o “*coeficiente de crecimiento térmico*”. Según dicho modelo

$$(W(t))^{\frac{1}{3}} = W_0^{\frac{1}{3}} + TGC \sum_{j=1}^t T_j \Leftrightarrow W(t) = \left(W_0^{\frac{1}{3}} + TGC \sum_{j=1}^t T_j \right)^3 \quad (9)$$

donde t son días y W_0 es el peso en el instante inicial ($t=0$), y T_k es la temperatura, en grados centígrados en el k -ésimo día.

1.2.1.2.2. Modelo general

Una generalización, en forma diferencial, del modelo dado en (7) es el que proporciona la formulación con condición inicial

$$\frac{dW}{dt} = f(t) \cdot W^a \quad (10)$$

$$W(t_0) = W_0 \quad (11)$$

donde $f(t)$ es una función continua del tiempo. La solución a (10) - (11), es

$$W(t) = \left(W_0^{1-a} + (1-a) \int_{t_0}^t f(t) \cdot dt \right)^{\frac{1}{1-a}} \quad (12)$$

Si consideramos el caso particular en que $f(t)$ es una función de la temperatura, que a su vez es una función continua del tiempo, $f(t) = F(T(t))$; se tiene que

$$W(t) = \left(W_0^{1-a} + (1-a) \int_{t_0}^t F(T(t)) \cdot dt \right)^{\frac{1}{1-a}} \quad (13)$$

Observemos que de (13), para el caso particular $F(T(t)) = \frac{k}{1-a} T(t)$ y $\frac{1}{1-a} = 3$, ($a=2/3$) obtenemos

$$W(t) = \left(W_0^{\frac{1}{3}} + k \int_{t_0}^t T(t) \cdot dt \right)^3$$

si, además, $[t_0, t] = [t_0, t_1] \cup [t_1, t_2] \cup \dots \cup [t_{n-1}, t_n]$; $t_n = t$ y la temperatura es constante en cada subintervalo, es decir, $T(x) = T_1$; para todo $x \in [t_0, t_1]$ y $T(x) = T_j$; para todo $x \in [t_{j-1}, t_j]$; $j=2, 3, \dots, n$, entonces

$$W(t) = \left(W_0^{\frac{1}{3}} + k \sum_{j=1}^t T_j (t_j - t_{j-1}) \right)^3 \quad (14)$$

En particular, si en (14), $t_j = t_0 + j$; $j=1, 2, \dots, n$ (los intervalos temporales son de longitud 1 día), entonces

$$W(t_0 + n) = \left(W_0^{\frac{1}{3}} + k \sum_{j=1}^t T_j \right)^3 \quad (15)$$

es decir, obtenemos el modelo de Cho (9) con $TGC = k$.

1.2.1.3. Modelos estacionales a partir de modelos generales

Fórmula de crecimiento tradicional

Muchas fórmulas de crecimiento se obtienen como soluciones de ecuaciones diferenciales. Estas se expresan generalmente por una expansión como la siguiente

$$\frac{dW}{dt} = g(W) \quad (16)$$

donde W es el peso (o la longitud), y t es el tiempo.

A partir de (16) se obtiene, dado que se trata de una ecuación diferencial de variables separables, la expresión diferencial equivalente

$$\frac{dW}{g(W)} = dt \quad (17)$$

La integración de ambos miembros de (17) nos lleva a

$$G(W) = t + C \quad (18)$$

donde c es la constante de integración, y $G(W)$ viene dada por

$$G(W) = \int \frac{dW}{g(W)} \quad (19)$$

La solución general de la ecuación (18) es

$$W(t) = G^{-1}(t + C) \quad (20)$$

donde con G^{-1} se denota la función inversa de G .

En matemáticas, la ecuación diferencial (16) y su solución integral (20) se consideran idénticas. Sin embargo, la expresión (20) es más útil a efectos prácticos.

La ecuación (16) no suele ser suficiente para describir con cierto detalle el crecimiento de los peces. Una ecuación diferencial más completa es

$$\frac{dW}{dt} = h(W, t) \quad (21)$$

Sin embargo para (21) es, en general, más difícil obtener una solución general. En lugar de la ecuación (21), consideramos la siguiente ecuación que es un caso particular:

$$\frac{dW}{dt} = G(W) \cdot f(t) \quad (22)$$

Ya que (22) es de variables separables, podemos resolverla como sigue. Sea

$$T = F(t) = \int f(t) dt \quad (23)$$

Diferenciando ambos miembros de (23) obtenemos

$$dT = f(t) dt \quad (24)$$

Sustituyendo la ecuación (24) en (22), se tiene

$$\frac{dW}{g(W)} = f(t) dt = dT \quad (25)$$

Análogamente a como se ha razonado con las ecuaciones de la (17) a la (20), la solución general de (25) es

$$W = G^{-1}(T + C) = G^{-1}(F(t) + C) \quad (26)$$

(26) proporciona una fórmula de crecimiento más completa.

Si $f(t)$ se define como la temperatura del agua, entonces $F(t)$ sería la temperatura acumulada del agua. Por lo tanto, tenemos un modelo matemático, dado en (26), por el método de sustituir la variable tiempo, t , en (20) por la temperatura acumulada $F(t)$. Aunque podemos utilizar cualquier tipo de función $f(t)$, el tipo de función más importante y utilizada en la biología es una función periódica:

Los modelos de crecimiento obtenidos de este modo se denominan modelos de crecimiento estacional. Observemos también que podemos llegar a la expresión (22) partiendo de la ecuación diferencial

$$\frac{dW}{dT} = G(W)$$

y teniendo en cuenta que

$$\frac{dT}{dt} = f(t),$$

puesto que

$$\frac{dW}{dt} = \frac{dW}{dT} \frac{dT}{dt} = G(W) \cdot f(t)$$

1.2.2. REGRESION CUANTIL

1.2.2.1. Introducción

La Regresión cuantil se desarrolló en la década de los 70 por los econométricos Koenker y Bassett (1978) como una extensión del modelo lineal para estimar las tasas de cambio para toda la distribución de una variable respuesta.

Los modelos de regresión cuantil presentan nuevas posibilidades para el análisis estadístico e interpretación de datos de procedencia diversa, con la posibilidad de afrontar nuevos desafíos relacionados con la estimación, la inferencia y la interpretación de resultados.

Las estimaciones de la regresión cuantil se pueden utilizar para construir predicciones e intervalos de confianza, sin asumir distribución paramétrica alguna, evitando errores originados por la heterogeneidad de la varianza vinculada a cambios en el medio.

La regresión cuantil permite estimar los cuantiles condicionados de una respuesta de distribución variable, en base al modelo lineal, proporcionando una visión más completa de las causas posibles de la variabilidad de las respuestas, y por lo tanto de las relaciones entre variables en procesos ecológicos. En definitiva, mientras que la regresión en general es un método estadístico que permite investigar relaciones funcionales entre variables en base a optimizar el ajuste al promedio de la variable respuesta, por su parte, la regresión cuantil es un método que permite estimar las relaciones funcionales entre variables intentando optimizar el ajuste a todas las partes de la distribución de probabilidad de la variable respuesta.

Dada una población, se considera una muestra finita de la misma formada por n individuos. Supongamos que se ha medido cierto carácter cuantitativo., obteniéndose los siguientes datos, que consideramos ordenados de menor a mayor: $x_1 \leq x_2 \leq x_3 \leq \dots \leq x_n$. La media aritmética de dichos valores viene dada por

$$\bar{x} = \frac{\sum_{i=1}^n x_i}{n}.$$

Sin embargo, se puede probar fácilmente que la media aritmética también se obtiene al resolver el problema de obtener el valor, z , que hace mínima la siguiente función $g(z)$

$$\underset{z \in \mathbb{R}}{\text{Min}} g(z) = \sum_{i=1}^n (x_i - z)^2 = g(\bar{x})$$

Llamaremos τ -ésimo cuantil, p_τ , $0 \leq \tau \leq 1$, de los datos $x_1 \leq x_2 \leq x_3 \leq \dots \leq x_n$, al valor por debajo del cual se sitúan el $\tau \times 100$ % de los datos de la muestra, o lo que lo mismo que tiene por encima el $(1-\tau) \times 100$ % de dichos valores. Por ejemplo, el cuantil 0.5, también llamado la mediana, m_e , será el valor por debajo del cual están el 50% de los valores y por encima del cual están el otro 50%. Tal y como sucede con el caso de la media aritmética, la mediana también puede definirse como el valor que hace mínima una función. Concretamente la función $h(z)$.

$$\underset{z \in \mathbb{R}}{\text{Min}} h(z) = \underset{z \in \mathbb{R}}{\text{Min}} \sum_{i=1}^n |x_i - z| = h(m_e)$$

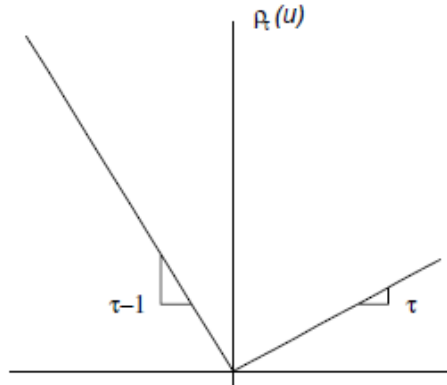
Por su parte, la generalización del cálculo, mediante un problema de optimización, para el τ -ésimo cuantil se obtiene al obtener el valor z que hace mínima la función

$$\underset{z \in \mathbb{R}}{\text{Min}} q_\tau(z) = \underset{z \in \mathbb{R}}{\text{Min}} \sum_{i=1}^n \rho_\tau(x_i - z) = q_\tau(p_\tau)$$

donde $\rho_\tau(u)$ es la función que se define de la siguiente forma

$$\rho_\tau(u) = \begin{cases} \tau u & \text{si } u \geq 0 \\ (\tau - 1)u & \text{si } u \leq 0 \end{cases}$$

es decir, la gráfica de $\rho_\tau(u)$ será de la forma



Observemos que el cálculo de la mediana es un caso particular del anterior tomando $\tau=0.5$ ya que

$$\text{Min}_{z \in \mathbb{R}} \sum_{i=1}^n |x_i - z| = \text{Min}_{z \in \mathbb{R}} \sum_{i=1}^n \rho_{0.5}(x_i - z),$$

donde

$$\rho_{0.5}(x_i - z) = \begin{cases} 0.5(x_i - z) & \text{si } x_i \geq z \\ (0.5 - 1)(x_i - z) & \text{si } x_i < z \end{cases}$$

ya que si $x_i \geq z$, entonces $0.5(x_i - z) = 0.5|x_i - z|$, y si $x_i < z$, entonces

$$(0.5 - 1)(x_i - z) = -0.5(x_i - z) = 0.5(z - x_i) = 0.5|x_i - z|$$

por tanto

$$\sum_{i=1}^n \rho_{0.5}(x_i - z) = \sum_{i=1}^n 0.5|x_i - z| = 0.5 \sum_{i=1}^n |x_i - z|$$

y

$$\text{Min}_{z \in \mathbb{R}} \sum_{i=1}^n |x_i - z| = \text{Min}_{z \in \mathbb{R}} 0.5 \sum_{i=1}^n |x_i - z| = \text{Min}_{z \in \mathbb{R}} \sum_{i=1}^n \rho_{0.5}(x_i - z)$$

1.2.2.2. Regresión Lineal Clásica

Como se ha sugerido anteriormente, la regresión lineal se suele formalizar como la media condicionada de la variable respuesta en función del valor que tome la variable explicativa.

Es decir, $m(x) = E(y/X = x)$, para cada posible valor x de X . En consecuencia, podemos descomponer la variable respuesta en función del resultado de X , más un error de media cero, como:

$$y = m(x) + \epsilon$$

donde ϵ se conoce como error y verifica

$$E(\epsilon, X = x) = 0, \quad \forall x$$

En el modelo lineal simple, las variables respuesta y explicativa, se consideran univariantes; puesto que cada una refleja el valor de una sola característica. Las hipótesis básicas de este modelo son:

Linealidad: la función de regresión es una línea recta. Por lo que el modelo se escribirá como

$$Y = m(x) + \epsilon = \beta_0 + \beta_1 X + \epsilon$$

donde β_0 y β_1 son parámetros a estimar y ϵ es una variable aleatoria no observable, que llamaremos error, y contiene la variabilidad no atribuible a la variable explicativa, sino la debida a errores de medida u otros factores no controlables.

Homocedasticidad: la varianza del error se mantiene constante a lo largo de la variable explicativa,

$$Var(\epsilon|X = x) = \sigma^2, \quad \forall x.$$

Normalidad: el error se distribuye normalmente

$$\epsilon \in N(0, \sigma^2), \quad \forall x.$$

La hipótesis de linealidad hace que nos encontremos ante un modelo paramétrico, porque supone que la función de regresión $m(x)$ es una recta; pero deja libertad al valor concreto de la pendiente y la ordenada en el origen, que son parámetros que se estiman en base a una muestra $(X_1, Y_1), \dots, (X_n, Y_n)$. Así pues tendríamos

$$Y_i = \beta_0 + \beta_1 X_i + \epsilon_i, \quad \forall i \in 1, \dots, n$$

siguiendo ϵ_i una distribución $N(0, \sigma^2)$. Además necesitamos suponer la independencia para las variables aleatorias que representan a los errores para poder desarrollar los métodos de inferencia. Queremos obtener los estimadores, $\hat{\beta}_0$ y $\hat{\beta}_1$, para los parámetros β_0 y β_1 en base a una muestra que cumple las hipótesis antes mencionadas de linealidad, homocedasticidad e independencia de los errores. Una vez obtenidas las estimaciones $\hat{\beta}_0$ y $\hat{\beta}_1$, obtendremos la recta de regresión que nos permitirá predecir el valor de Y a partir de un valor de X , como

$$Y_i = \hat{\beta}_0 + \hat{\beta}_1 \cdot X_i, \quad \forall i \in \{1, \dots, n\},$$

obteniendo lo que denominaremos residuos de la regresión

$$b\epsilon_i = Y_i - \hat{\beta}_0 - \hat{\beta}_1 X_i, \quad \forall i \in \{1, \dots, n\},$$

La estimación de los parámetros β_0 y β_1 , se realiza mediante mínimos cuadrados.

1.2.2.3. Regresión Clásica y Regresión Cuantil. Generalización.

En base a lo que se acaba de exponer, el caso más simple de regresión lineal aplicado a los datos (x_i, y_i) , $i=1, 2, \dots, n$, obtenidos del estudio de una población de tamaño n consistiría en obtener, por ejemplo, la recta de regresión de y sobre x^1 , es decir la recta, $y=ax+b$, que se obtiene al resolver el problema de regresión minimocuadrática

$$\text{Min}_{a,b \in \mathbb{R}} \sum_{i=1}^n (y_i - (ax_i + b))^2$$

Recordemos que la recta $y=ax+b$ **puede interpretarse como la función (modelo) lineal de expectativa del valor y condicionado al valor que tome x , $E_i(y/x)$** . Esta función tiene tanto más sentido real cuanto mayor sea la bondad de ajuste de los datos a la recta.

En general, si se considera como modelo de regresión el dado por una función paramétrica $y = \xi(x, \beta)$, donde $\beta \in \mathbb{R}^k$ representa el conjunto de k parámetros de los cuales depende la función ξ , y se resuelve

$$\text{Min}_{\beta \in \mathbb{R}^k} \sum_{i=1}^n (y_i - \xi(x_i, \beta))^2,$$

¹ También se podría plantear la recta de regresión de x sobre y pero el tratamiento matemático sería análogo.

con el resultado de que el mínimo se alcanza para $\beta = K$ se obtiene la función de expectativa del valor y condicionado al valor que tome x , $E_{\xi}(y/x) = \xi(x_i, K)$.

En el caso de la relación cuantil se razona de forma análoga. Para obtener la función de regresión mediana condicionada a los valores de $x: x_1 \leq x_2 \leq x_3 \leq \dots \leq x_n$, se calcula

$$\text{Min}_{\beta \in \mathbb{R}^k} \sum_{i=1}^n |y_i - \xi(x_i, \beta)|$$

y para obtener la función de regresión cuantil τ , condicionada a los valores de $x:$

$x_1 \leq x_2 \leq x_3 \leq \dots \leq x_n$, se calcula

$$\text{Min}_{\beta \in \mathbb{R}^k} \sum_{i=1}^n \rho_{\tau}(y_i - \xi_{\tau}(x_i, \beta)).$$

Si el valor de τ es grande (cercano a 1), la función de regresión cuantil τ , sería la que mejor ajusta a valores altos de la muestra (generalmente, en la práctica se toma un valor 0.975), mientras que si el valor de τ es pequeño (cercano a 0) la función de regresión cuantil τ , sería la que mejor ajusta a valores pequeños de la muestra (generalmente, en la práctica se toma un valor 0.025). La regresión cuantil gana sentido si se consideran diversos cuantiles, que permitirán diferenciar la influencia de los valores de x en el valor de $E_{\xi}(y/x)$, y la influencia de los valores de x en los valores funcionales de y . En resumen, y a grandes rasgos, la regresión clásica persigue explicar el comportamiento del promedio de y en función de x , mientras que la regresión cuantil pretende explicar el comportamiento de la distribución de y en función de x .

Algunas consideraciones importantes

- A la hora de estudiar situaciones reales mediante modelos de regresión, hay que tener en cuenta que *los ajustes por mínimos cuadrados son bastante sensibles a la presencia de valores extremos*, dado que se basan en buscar el valor de los parámetros que hace más pequeño el valor de la suma de los cuadrados de los residuos.
- Los modelos de regresión cuantil son menos sensibles a los valores extremos ya que se basan en las frecuencias acumuladas de los datos y no en los valores de los mismos.
- Los modelos de regresión mínimocuadrática explican los valores medios, sin embargo no permiten describir la forma de la distribución de los valores más allá de la influencia que tienen estos sobre los valores medios. La regresión cuantil permite describir el comportamiento de valores centrales (regresión mediana) y también de valores extremos, sin olvidar la influencia concreta de todos y cada uno de los valores de la muestra en el modelo.

Por ejemplo, a partir de los datos (x_i, y_i) , $i=1,2, \dots, n$, obtenidos del estudio de una población de tamaño n , si consideramos un modelo de regresión cuantil con $\tau=0.975$, $G(x)$, estaremos buscando una función que se ajuste mejor a los valores más grandes, concretamente a aquellos que acumulen el 97.5 % de la frecuencia sin olvidar el resto de valores. Si, por otra parte, consideramos un modelo de regresión cuantil con $\tau=0.025$, $p(x)$, estaremos buscando una función que se ajuste mejor los valores más pequeños, concretamente a aquellos que acumulen el al 2.5 % de la frecuencia, también en este caso sin olvidar el resto de valores. Al representar, conjuntamente, las dos funciones descritas, $G(x)$ y $p(x)$, la región situada entre las gráficas de $G(x)$ y $p(x)$ establece una franja descriptiva de la evolución del 95 % de los datos y condicionados a los valores de x .

1.3. OBJETIVOS

Las predicciones de crecimiento para los peces es esencial en acuicultura de cara a organizar la planificación de la producción durante la fase de diseño de las nuevas piscifactorías, así como para planificar y llevar a cabo diversas operaciones de gestión, tales como la clasificación y distribución de los peces, la descarga de nuevos lotes, horarios de recolección y también para el cálculo de las raciones diarias de alimentación.

Tradicionalmente, el crecimiento de los peces se ha expresado mediante ecuaciones semejantes a o deducidas de la de Von Bertalanffy (1938), que son apropiadas para el estudio de poblaciones naturales, donde los peces alcanzan el tamaño adulto, pero no para la acuicultura, ya que en este caso el peso comercial de pescado es menor, y se alcanza antes de que se complete el ciclo natural de crecimiento, y también porque estos modelos no suelen tener en cuenta el efecto de la temperatura del agua a lo largo del año.

El crecimiento de los peces de las explotaciones está influenciado por diversos factores: la densidad, el nivel de la dieta de nutrientes, la tasa de alimentación, condiciones ambientales, el origen de los peces y sobre todo la temperatura del agua. Sin embargo, el índice más utilizado para evaluar el crecimiento de peces en granjas marinas comerciales y en ensayos de investigación es la *Tasa de Crecimiento Específico* (Specific Growth Rate, *SGR*), que sólo proporciona una aproximación al aumento de peso en relación con el tiempo transcurrido (t), expresado éste en días

$$SGR = \frac{\ln(W_f) - \ln(W_i)}{t} \quad (29)$$

Si los experimentos se llevan a cabo en las mismas condiciones (similar peso inicial y final, temperatura, etc.), entonces SGR puede ser un buen índice para comparar el crecimiento de varios grupos de peces con el fin de estudiar diferentes variables (dietas, densidad, etc.). Para predecir el crecimiento de los peces, el peso final puede estimarse a partir del valor SGR a partir de la siguiente expresión

$$W_f = W_i \cdot e^{SGR \cdot t} \quad (30)$$

El problema de usar el modelo dado por (30) es que el valor SGR varía según el peso inicial de los peces (W_i) y la temperatura, T . Según los estudios de Petridis y Rogdakis (1996)

$$SGR = 0.000103 \cdot W_i^{0.523} \cdot T^{3.74} \quad (31)$$

Por lo tanto, cuando se utiliza el modelo de crecimiento SGR para la dorada, es posible estimar el valor de SGR en relación con el peso inicial y la temperatura, y después calcular el peso final mediante la ecuación (31), pero sólo para períodos cortos de tiempo.

Por otra parte, Lupatsch y Kissil (1998) y Lupatsch y Kissil (2003) proponen modelos exponenciales de regresión múltiple para evaluar la ganancia diaria de peso, GT ($\text{g} \cdot \text{pez} \cdot \text{día}^{-1}$), considerando el efecto de la temperatura, T , según las ecuaciones (32) y (33), respectivamente

$$WG = 0.0167 \cdot W_i^{0.621} \cdot e^{0.055T} \quad ,(32)$$

$$WG = 0.024 \cdot W_i^{0.514} \cdot e^{0.060T} \quad .(33)$$

La producción intensiva de dorada (*Sparus aurata*) es la más extendida en el Mediterráneo. Pero el precio de venta ha disminuido en los últimos años, con la consiguiente reducción de la rentabilidad de las granjas marinas. El desarrollo de modelos de crecimiento adecuados para la predicción del peso, ajustados a las condiciones reales de producción intensiva, podría ser un instrumento importante para mejorar la producción, reduciendo costes mediante la optimización de la ración diaria de alimentos u organizando mejor las operaciones de gestión y el plan de producción.

La mayoría de los modelos existentes han sido desarrollados a partir de datos de crecimiento en laboratorio, bajo condiciones experimentales y controladas, o de datos reales de crecimiento en el mar bajo condiciones de producción, pero considerando un pequeño número de lotes en pequeñas jaulas. Por lo tanto, es necesario verificar y calibrar los modelos para su adaptación a las condiciones reales de producción.

Los modelos de regresión (Petridis y Rogdakis 1996; Lupatsch y Kissil 1998; Lupatsch et al 2003) pueden ser herramientas adecuadas para estimar el crecimiento de la dorada, pero deben ser adaptados a cada granja marina en particular, para la obtención de una predicción aceptable de crecimiento. Sin embargo, los resultados actuales indican que los valores de peso predicho podrían mejorar si los modelos se basan en la suma de las temperaturas diarias efectivas en lugar de utilizar la media de las temperaturas diarias efectivas en el período.

En este estudio se ha abordado el problema de describir el crecimiento de la dorada mediante modelos de regresión cuantil estacional. Para ello se han seleccionado 5 modelos básicos, basados en los correspondientes de Cho & Bureau (1998), Petridis y Rogdakis (1996); Lupatsch y Kissil (1998), todos ellos linealizables. Dichos modelos se han ajustado a una extensa base de datos reales de crecimiento en condiciones de producción. El objetivo final es establecer si alguno de los modelos puede calificarse como adecuado para la descripción del crecimiento de la dorada, en condiciones de cultivo, a lo largo de todo un ciclo de producción.

2. Material y Métodos

2.1. Descripción de los datos

Los datos utilizados en el presente trabajo provienen de 20 lotes de dorada (*Sparus aurata* L.), cultivados a partir de alevines provenientes de diferentes criaderos. Las muestras se tomaron en la granja "Granja Marina Safor", ubicada en el Mar Mediterráneo Occidental, frente a la costa de la ciudad de Gandia, en Valencia, España. Estos lotes se encontraban en jaulas flotantes, a dos millas de la costa de Gandia, con una profundidad de agua de 20 m. Las jaulas marinas tenían un diámetro de 16 m, y una profundidad de 10 m, y se encontraban flotando a lo largo del todo el año.

La temperatura del agua se registró cada día y variaba desde un mínimo de 13,2 ° C en Febrero, a la más alta de 26,5 en Septiembre. Cada caja contenía de 69500 a 236000 peces. Teniendo en cuenta los ciclos completos de crecimiento, los pesos iniciales se situaban en el rango de 6 a 44 gramos y el peso final varió desde 310 hasta 552 g. El valor medio de la densidad final se situó en el intervalo desde 15 a 25 kg/m³. Las doradas se alimentaban 6 días a la semana y dos veces al día, con dos dietas comerciales (43/21 y 44/17 % de proteína/lípidos %) utilizando la alimentación recomendada por los proveedores. En la primera fase de crecimiento, el alimento fue distribuido a mano y, después, mediante cañones neumáticos instalados en los barcos

2.2. Modelos matemáticos

2.2.1. Origen dinámico de los modelos

En lo que sigue, denotamos por W es el peso (variable dependiente), ST es la temperatura efectiva acumulada. Si $T(t)$ es la temperatura real del agua en cada instante t , entonces

$$ST = \int_0^t (T(t) - 12) dt$$

Todos los modelos considerados son linealizables, es decir, podremos obtener los parámetros del modelo inicial a partir de regresión cuantil lineal (ajustando los datos a rectas cuantiles). También cabe destacar que, en todos los casos, la regresión cuantil proporcionará una distribución empírica teórica de los pesos iniciales, que podremos comparar con la distribución real de los pesos iniciales representada por sus percentiles. Esta comparación constituye también un indicador de la bondad del ajuste del modelo, al menos en lo que respecta a pesos cercanos a los iniciales. También se analiza el ajuste de las curvas a los percentiles del último muestreo.

Los modelos 1 y 2 en su forma explícita (36) se obtienen a partir de la resolución del problema de valor inicial:

$$\begin{cases} \frac{dW}{dST} = k \cdot W^{1-b} \\ W(0) = W_0 \end{cases} \quad (34)$$

donde $k > 0$ y $0 < b < 1$. Esto supone asumir que la tasa de incremento del peso en función de la temperatura acumulada (gr/°C) es proporcional a una potencia racional del peso.

La solución al problema (34) es

$$W^b(ST) = W_0^b + k \cdot b \cdot ST \quad (35)$$

o lo que es lo mismo

$$W(ST) = \left(W_0^b + k \cdot b \cdot ST \right)^{\frac{1}{b}} \quad (36)$$

Para el caso particular en que $b = \frac{1}{3}$, tenemos el modelo 1 y si $b = \frac{2}{3}$, se tiene el modelo

2. Al valor $TGC = k \cdot b$ se le denomina Thermal Growth Coefficient (coeficiente de crecimiento termal). El modelo 1 es el propuesto por Cho. (CHO & BUREAU, 1998). El modelo 2 tiene su origen en diversos análisis exploratorios desarrollados sobre datos reales pendientes de publicación.

Observemos que la ecuación (35) constituye una linealización de la ecuación (36) o lo que es lo mismo, (35) es una recta donde la variable independiente es ST , la variable dependiente $W^b(ST)$ y la pendiente $TGC=k \cdot b$.

El modelo 3, en su forma explícita, se obtiene como solución al problema de valor inicial

$$\begin{cases} \frac{dW}{dST} = k \cdot W \\ W(0) = W_0 \end{cases} \quad (37)$$

donde $k>0$. Esto supone asumir que la tasa de incremento del peso en función de la temperatura acumulada ($gr/^{\circ}C$) es proporcional al peso.

La solución explícita al problema (37) es

$$W(ST) = W_0 \cdot e^{k \cdot ST} \quad (38)$$

Observemos que al tomar logaritmos neperianos en (38) obtenemos

$$\ln(W(ST)) = \ln(W_0) + k \cdot ST$$

o lo que es lo mismo, una recta donde la variable independiente es ST , la variable dependiente $\ln(W(ST))$, la pendiente es k y la ordenada en el origen $\ln(W_0)$.

El modelo 4 es un modelo de regresión que sería solución al problema de valor inicial

$$\begin{cases} \frac{dW}{dST} = k \cdot \frac{W}{ST} \\ W(1) = W_1 \end{cases} \quad (39)$$

donde $k>0$. Esto supone asumir que la tasa de incremento del peso en función de la temperatura acumulada ($gr/^{\circ}C$) es directamente proporcional al peso e inversamente proporcional a la temperatura efectiva acumulada.

La solución explícita de (39) es

$$W(ST) = W_1 \cdot ST^k \quad (40)$$

Observemos que, para este modelo, W_1 sería el peso en el momento que la temperatura efectiva ha acumulado sólo un grado, que sería prácticamente el peso inicial.

Observemos también que al tomar logaritmos neperianos en (40) obtenemos

$$\ln(W(ST)) = \ln(W_1) + k \cdot \ln(ST)$$

o lo que es lo mismo, una recta donde la variable independiente es $\ln(ST)$, la variable dependiente $\ln(W(ST))$, la pendiente es k y la ordenada en el origen $\ln(W_1)$.

El modelo 5 es un ajuste del modelo 4 para que en el instante inicial el peso obtenido del modelo coincida con el peso inicial. El modelo 5, en su forma explícita, se obtiene como solución al problema

$$\begin{cases} \frac{dW}{dST} = k \cdot \frac{W}{(ST+1)} \\ W(0) = W_0 \end{cases} \quad (41)$$

con $k > 0$. La solución a (41) viene dada por

$$W(ST) = W_0 \cdot (ST+1)^k$$

En este caso, al tomar logaritmos neperianos en (41) obtenemos

$$\ln(W(ST)) = \ln(W_0) + k \cdot \ln(ST+1)$$

o lo que es lo mismo, una recta donde la variable independiente es $\ln(ST+1)$, la variable dependiente $\ln(W(ST))$, la pendiente es k y la ordenada en el origen $\ln(W_0)$.

2.3. Tratamiento estadístico

Se han realizado las siguientes operaciones estadísticas:

- Ajuste de los datos a los distintos modelos para los cuantiles 2.5, 5, 25, 50, 75, 95 y 97,5 %, utilizando para ello el programa *Blossom Statistical Software*®.(CADE & RICHARDS, 2005).
- Se han calculado los residuos correspondientes a los distintos modelos, en concreto la suma de los valores absolutos de los residuos (SAVRES) y la suma ponderada de las desviaciones absolutas (WSAD), empleando para ello también el programa *Blossom Statistical Software*®. Hay que tener en cuenta que los valores SAVRES y WSAD no son directamente comparables dado que los valores linealizados de la variable dependiente sólo coinciden para los modelos 3, 4 y 5 ($\ln(W(ST))$) y los valores SAVRES Y WSAD tienen como unidades las de los valores transformados del peso.

- Se ha analizado la bondad del ajuste para los diferentes modelos estudiados.

Bondad de ajuste de los modelos

De cara a analizar la bondad del ajuste e idoneidad de los modelos, responderemos a dos preguntas:

1. Cada modelo, por separado, ¿ajusta correctamente a los datos?
2. De entre todos los modelos, ¿Cuál ajusta mejor?

En caso de regresión lineal simple, un solo valor R^2 suele ser suficiente para contestar ambas preguntas.

En el caso de la regresión cuantil se utilizan otros estimadores de la bondad, normalmente uno para cada cuantil. El problema de obtener estimadores de la bondad del ajuste en regresión cuantil, sobre todo en lo que respecta a comparar la bondad correspondiente a distintos modelos sigue siendo objeto de investigación básica.

Para contestar a la pregunta 1, para todos los modelos, utilizaremos un estimador que llamaremos $R(q)$, donde denotamos por q el cuantil ($q=0.025, 0.05, 0.25, 0.5, 0.75, 0.95$ y 0.975) (Koenker & Machado 1999).

$$R(q) = 1 - \frac{V^1(q)}{V^0(q)}$$

Donde, por ejemplo, para el modelo 1:

$$V^1(q) = \sum_{P_i^{1/3} \geq P_0^{1/3} + TGC \cdot ST_i} q \cdot |P_i^{1/3} - P_{q,0}^{1/3} - TGC_q \cdot ST_i| + \sum_{P_i^{1/3} < P_0^{1/3} + TGC \cdot ST_i} (1-q) \cdot |P_i^{1/3} - P_{q,0}^{1/3} - TGC_q \cdot ST_i|$$

y

$$V^0(q) = \sum_{P_i^{1/3} \geq P_0^{1/3} + TGC \cdot ST_i} q \cdot |P_i^{1/3} - \hat{Q}(q)| + \sum_{P_i^{1/3} < P_0^{1/3} + TGC \cdot ST_i} (1-q) \cdot |P_i^{1/3} - \hat{Q}(q)|$$

siendo $\hat{Q}(q)$ el valor estimado para un modelo constante.

En nuestro caso, $V^1(q)$ es el valor de WSAD (Suma ponderada de las desviaciones absolutas) que se obtiene de los resultados de *Blossom* al ajustar la CONSTANTE y ST (para el cuantil q) y $V^0(q)$ es el WSAD que se obtendría de *Blossom* al ajustar sólo a CONSTANTE para el cuantil q .

Para el resto de modelos el razonamiento sería análogo.

Por otro lado, para responder a la pregunta 2, se calculará un valor semejante de $R(q)$. Se utilizará Microsoft Excel, para ejecutar los cálculos. En este caso

$$\tilde{R}(q) = 1 - \frac{V^1(q)}{\tilde{V}^0(q)}$$

donde

$$V^1(q) = \sum_{Pr\ eal_i \geq P_{est,i}} q |P_{real,i} - P_{est,q,i}| + \sum_{Pr\ eal_i < P_{est,i}} (1-q) |P_{real,i} - P_{est,q,i}|$$

$$\tilde{V}^0(q) = \sum_{Pr\ eal_i \geq P_{est,i}} q |P_{real,i} - Q_q| + \sum_{Pr\ eal_i < P_{est,i}} (1-q) |P_{real,i} - Q_q|$$

y P_{real} denota los datos de peso real, P_{estq} los valores de peso estimado para la función correspondiente al cuantil q y Q_q es el percentil de orden q de los pesos reales. El valor $V^1(q)$ es específico para cada modelo pero el valor $\tilde{V}^0(q)$ es común a todos por lo que este valor $\tilde{R}(q)$ permite hacer comparaciones entre modelos.

- También se ha realizado un análisis comparativo de los pesos iniciales y los pesos iniciales estimados, concretamente se han comparado los percentiles de los pesos iniciales y los pesos iniciales obtenidos para las curvas de los cinco modelos. Se supone que, desde un punto de vista general, un buen modelo debe ajustar correctamente la distribución de los pesos iniciales mediante pesos iniciales estimados para los correspondientes cuantiles. Un análisis análogo se ha realizado comparando los percentiles correspondientes al último muestreo disponible y los valores de peso estimados por los modelos para los propios cuantiles. . Se supone que, desde un punto de vista general, un buen modelo debe también debe ajustar correctamente la distribución de los pesos a final de ciclo de producción mediante pesos estimados para los correspondientes cuantiles.

Para visualizar mejor los resultados obtenidos se han elaborado gráficos para:

- Representar los errores SAVRES y WSAD de diferentes modelos modelos 3, 4 y 5.
- Comparar la distribución real de los pesos iniciales y la obtenida a partir de los parámetros de los modelos.
- Comparar la distribución real de los pesos del último muestreo y la obtenida a partir de las curvas.
- Visualizar, en cada caso, la bondad del modelo mediante representaciones de $R(q)$ y $\tilde{R}(q)$.

3. Resultados y discusión

3.1. Resultados de los modelos

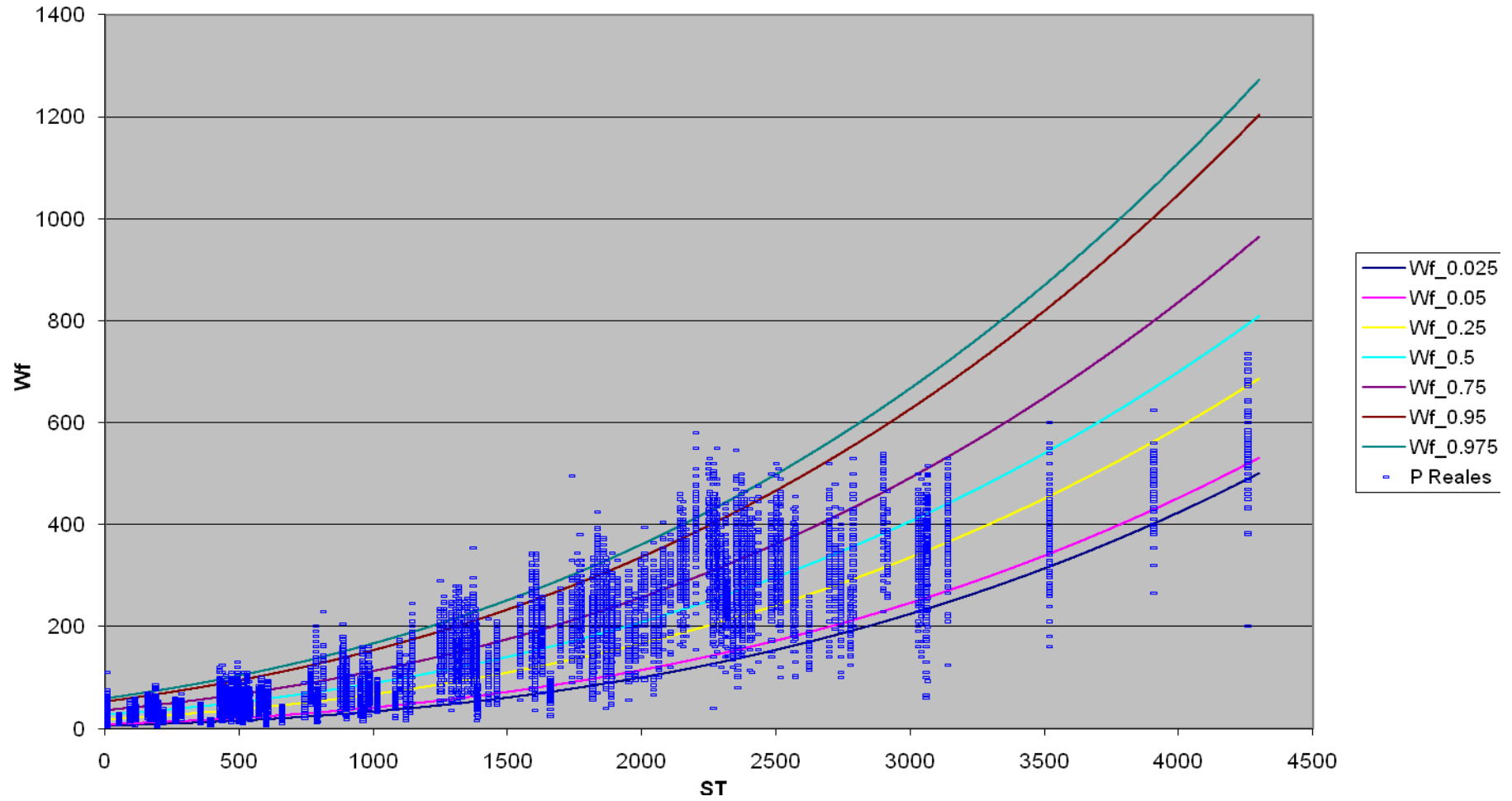
Modelo 1

Tabla 2. Parámetros correspondientes al Modelo 1

MODELO 1					
CUANTILES (%)	CONSTANTE	TGC	W_0	SAVRES	WSAD
2,5	1,7830794613	0,001432277	5,669073565	28932,24188	881,9706326
5	2,0474410413	0,001407236	8,582903184	24139,58833	1524,959679
25	2,6273559314	0,00144056	18,13663587	13446,12559	4458,34651
50	2,9942717982	0,001470747	26,84563367	10980,26147	5490,130733
75	3,3019272490	0,001530144	36	13291,5413	4292,289035
95	3,7580194484	0,001599651	53,0734195	22673,99372	1341,610212
97,5	3,892996416	0,001614814	59,00000001	26015,34169	746,4852461

- **TGC:** Coeficiente térmico de crecimiento
- **W_0 :** Pesos iniciales estimados aplicando el modelo, para el cuantil correspondiente.
- **SAVRES:** Suma de los valores absolutos de los residuos
- **WSAD:** Suma ponderada de las desviaciones absolutas

Gráfica 1.: GRÁFICO CON LAS CURVAS DE REGRESIÓN CUANTIL CORRESPONDIENTE AL MODELO 1



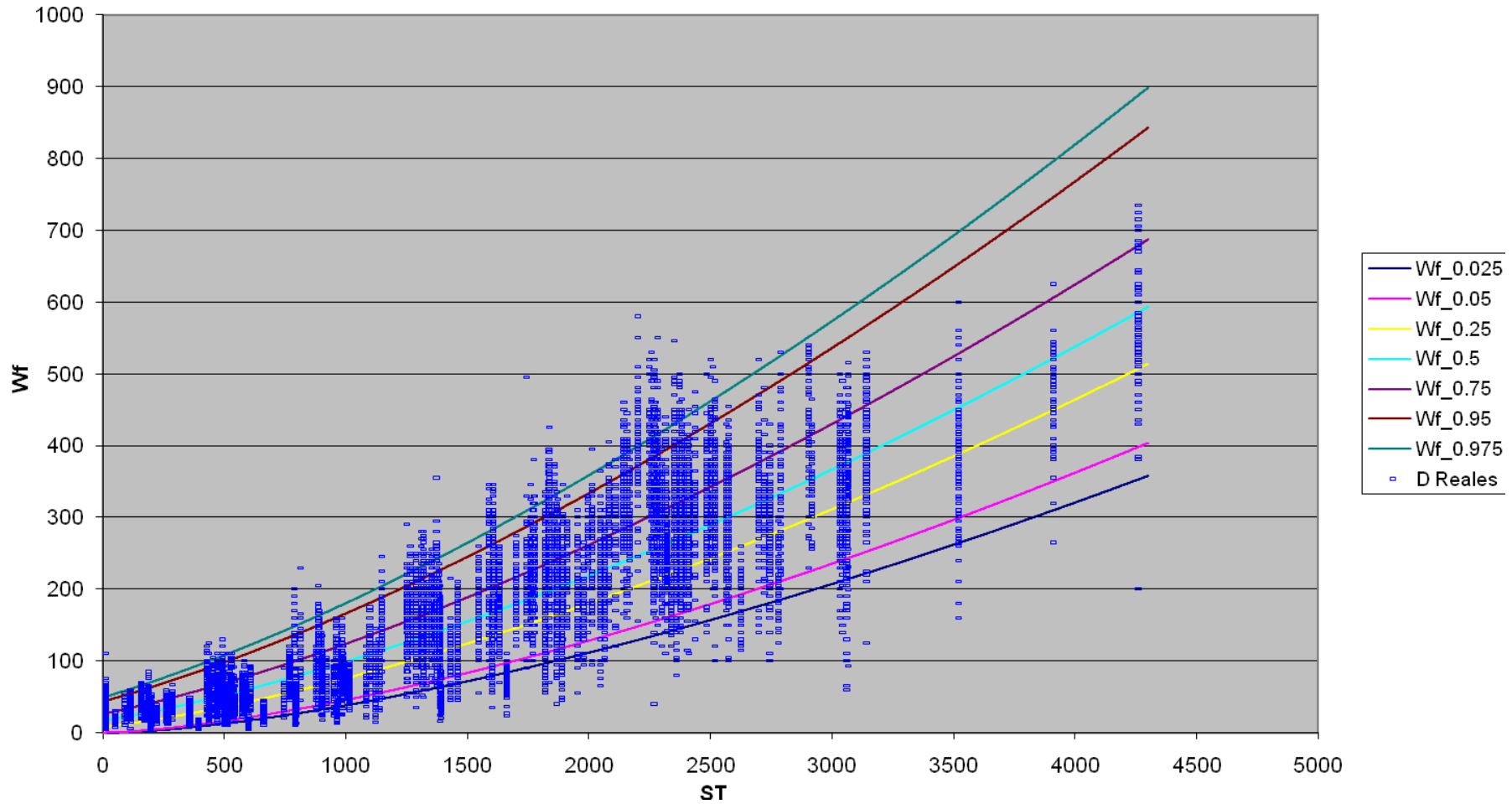
Modelo 2

Tabla 3. Parámetros correspondientes al Modelo 2

MODELO 2					
CUANTILES (%)	CONSTANTE	TGC	W_0	SAVRES	WSAD
2,5	-0,516826593	0,01184084	0,644015868	270951,6049	8069,068488
5	0,290809719	0,012686729	0,156824307	226817,4883	14122,05296
25	3,88589563	0,014014188	7,660139837	132424,1932	42993,26389
50	6,488410494	0,014909726	16,52751184	108641,0967	54320,54836
75	8,776382955	0,016066997	26	133127,8911	44203,73237
95	12,34126234	0,017878374	43,35501854	239380,0491	14749,54832
97,5	13,39051828	0,018541858	49	282700,3602	8345,998088

- **TGC:** Coeficiente térmico de crecimiento
- **W_0 :** Pesos iniciales estimados aplicando el modelo, para el cuantil correspondiente.
- **SAVRES:** Suma de los valores absolutos de los residuos
- **WSAD:** Suma ponderada de las desviaciones absolutas

Gráfica 2.: GRÁFICO CON LAS CURVAS DE REGRESIÓN CUANTIL CORRESPONDIENTE AL MODELO 2



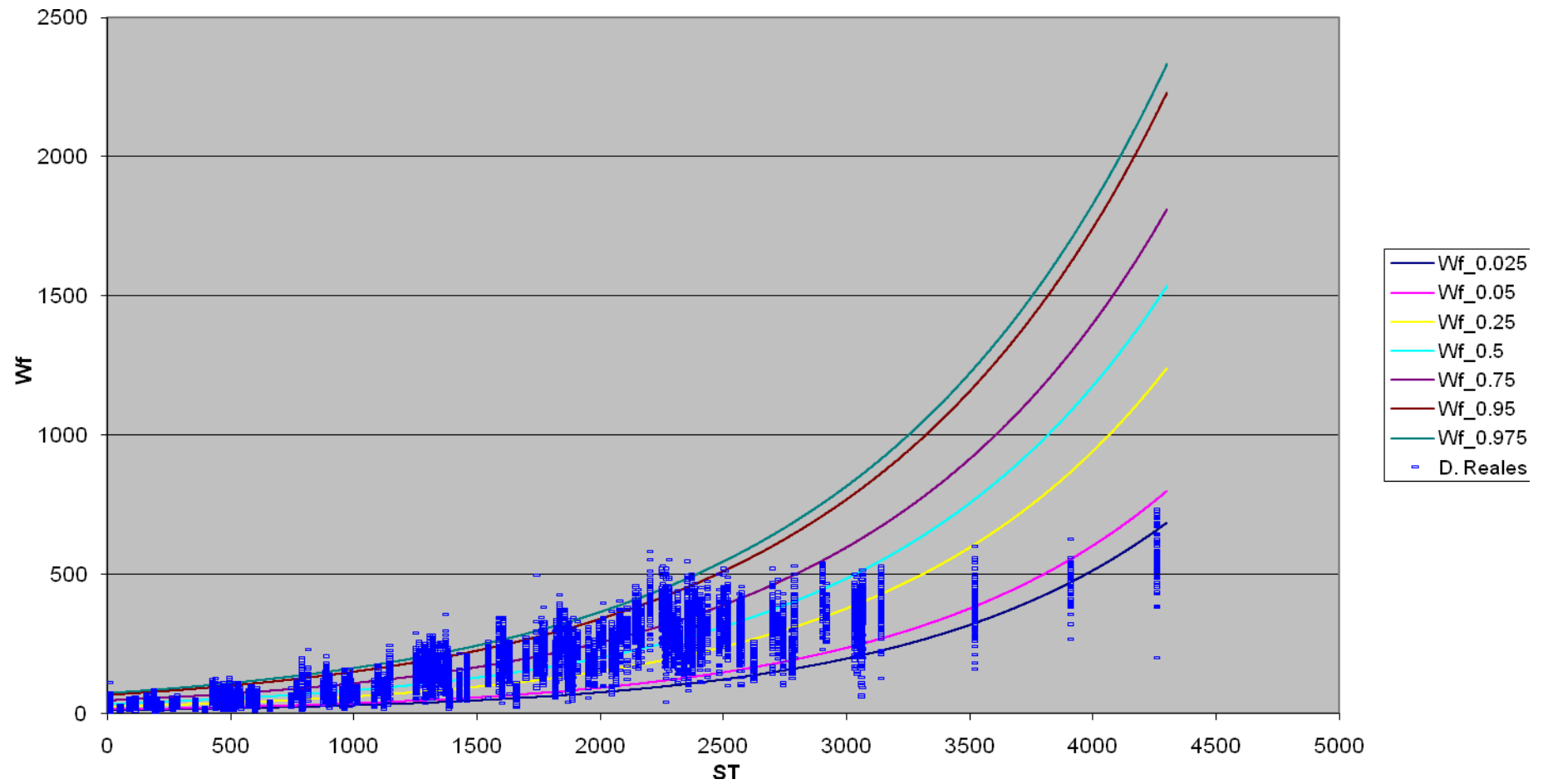
Modelo 3

Tabla 4. Parámetros correspondientes al Modelo 3

MODELO 3					
CUANTILES (%)	CONSTANTE	K	W_0	SAVRES	WSAD
2,5	2,3978952730	0,000960817	11	22375,87871	723,03424
5	2,6390573300	0,000940593	14,00000001	17920,50393	1207,166867
25	3,1826422421	0,000916314	24,11037491	9368,192644	3266,634975
50	3,5231401629	0,000886712	33,89068381	7561,862161	3780,931081
75	3,8286413960	0,000854041	45,99999998	9028,775862	2785,697275
95	4,1867725107	0,000819214	65,81004661	14111,67747	809,4060641
97,5	4,2825393747	0,000807387	72,42411867	15758,09258	441,9312311

- **K**: Constante del modelo.
- **W_0** : Pesos iniciales estimados aplicando el modelo, para el cuantil correspondiente.
- **SAVRES**: Suma de los valores absolutos de los residuos
- **WSAD**: Suma ponderada de las desviaciones absolutas

Grafica 3.: GRÁFICO CON LAS CURVAS DE REGRESIÓN CUANTIL CORRESPONDIENTE AL MODELO 3



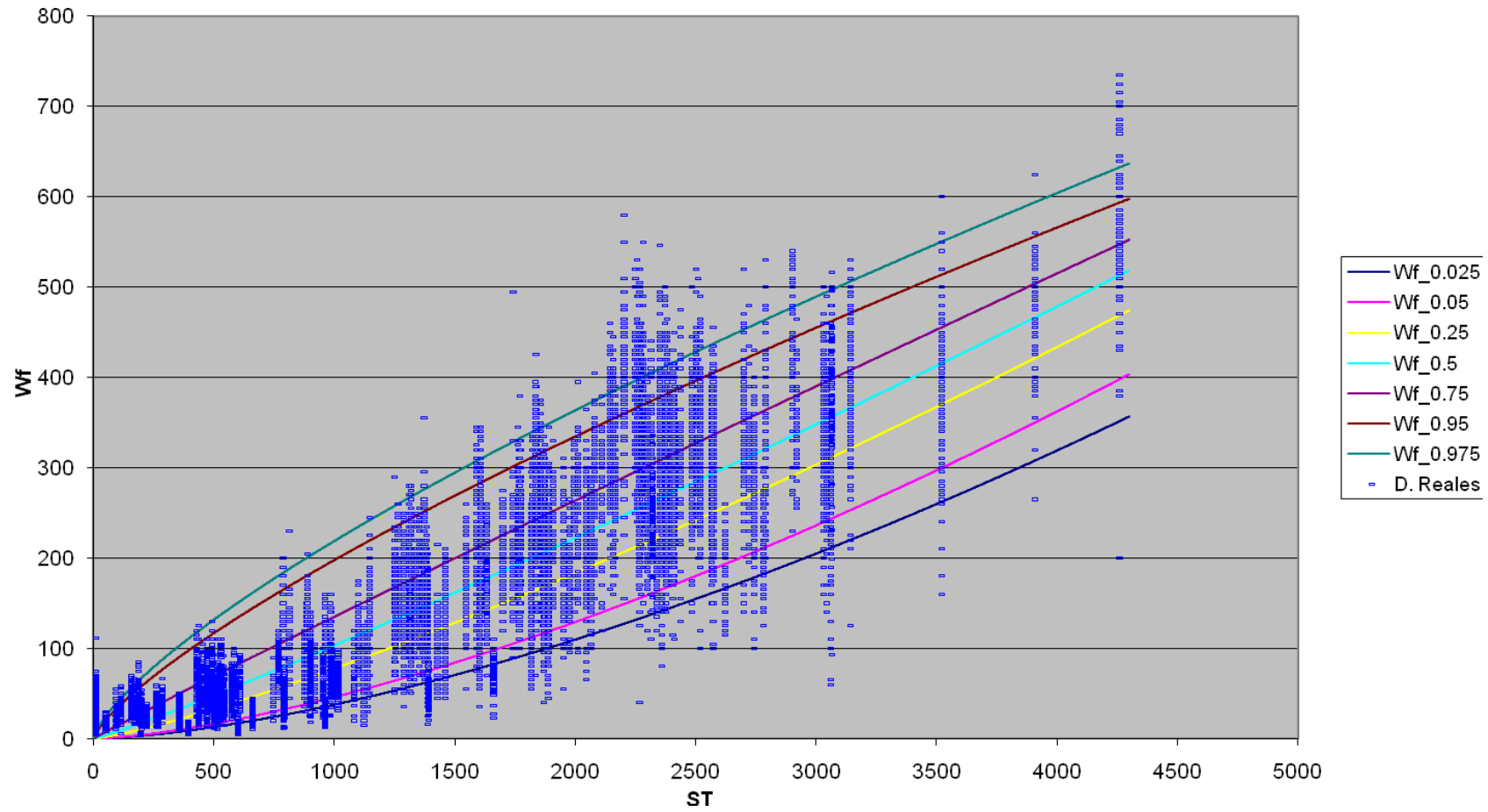
Modelo 4

Tabla 5. Parámetros correspondientes al Modelo 4

CUANTILES (%)	CONSTANTE	W_1	K	SAVRES	WSAD
2,5	-7,004636056	0,000907664	1,539713728	19004,08544	603,7215012
5	-6,4470133	0,00158525	1,487804602	15279,89175	1018,360769
25	-4,220235818	0,014695179	1,240988504	7940,302092	2768,023886
50	-3,001867755	0,049694165	1,105944818	6494,040106	3247,020053
75	-1,766751304	0,170887249	0,965926914	7803,942534	2496,530767
95	0,048601628	1,049802056	0,758383481	12958,24035	757,7983925
97,5	0,330942889	1,392280275	0,732214504	14860,80499	416,2829096

- **K**: Constante del modelo.
- **W_1** : Peso cuando $ST=1$
- **SAVRES**: Suma de los valores absolutos de los residuos
- **WSAD**: Suma ponderada de las desviaciones absolutas

Gráfica 4.: GRÁFICO CON LAS CURVAS DE REGRESIÓN CUANTIL CORRESPONDIENTE AL MODELO 4



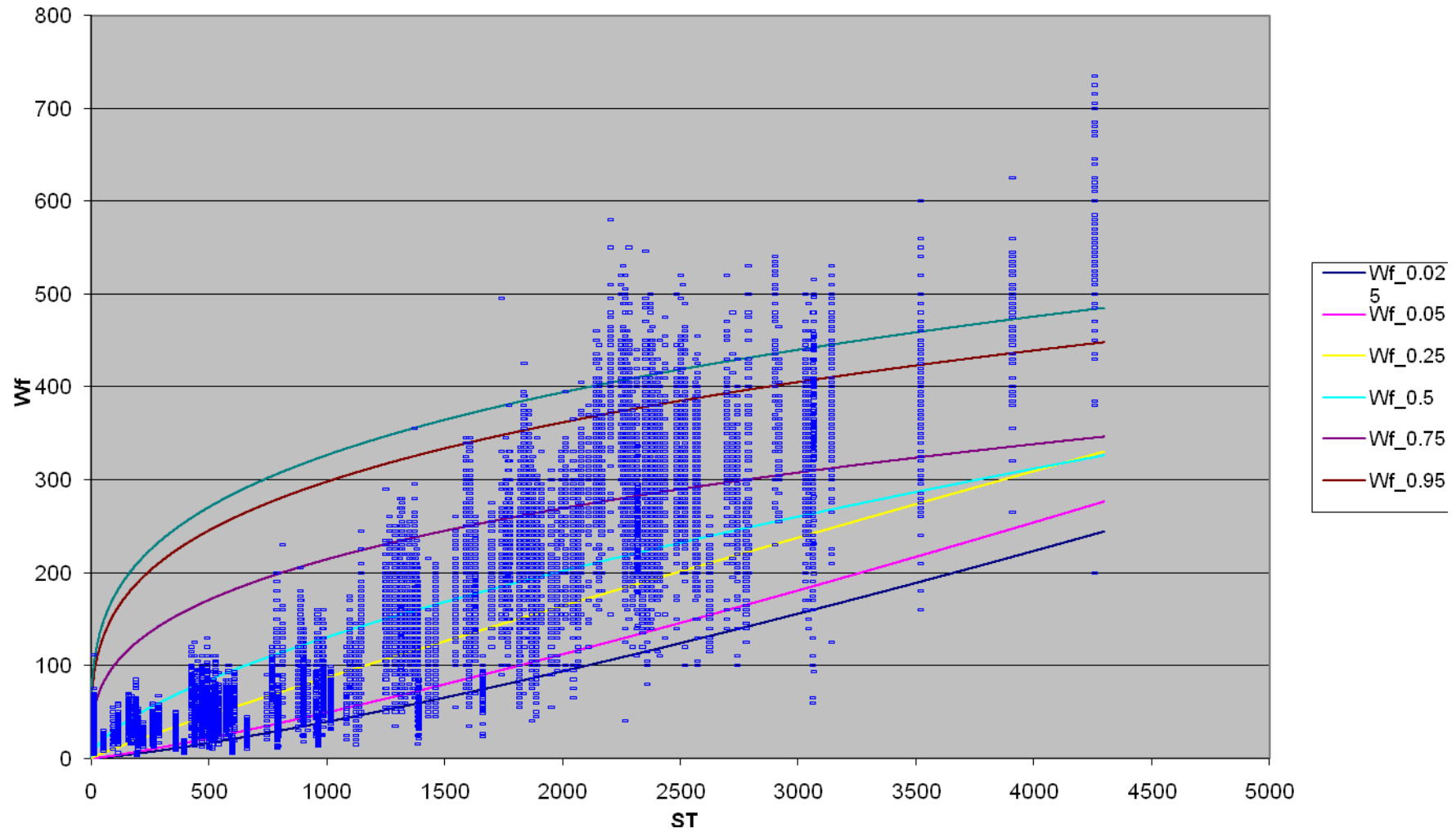
Modelo 5

Tabla 6. Parámetros correspondientes al Modelo 5

MODELO 5					
CUANTILES (%)	CONSTANTE	K	W_0	SAVRES	WSAD
2,5	-4,97694785	1,252133864	0,006895075	29040,47382	864,7250739
5	-4,26571628	1,181933835	0,014041806	24114,85488	1509,940138
25	-1,85482591	0,914977589	0,156480182	14059,40406	4542,906971
50	0,523330655	0,629267091	1,687639243	11653,62023	5826,810114
75	3,091042453	0,329489868	21,99999999	14233,14087	4153,945918
95	3,761200116	0,28014705	43,00000001	19726,86054	1104,229518
97,5	3,912023005	0,271586467	49,99999998	21680,42741	592,5760074

- **K:** Constante del modelo.
- **W_0 :** Peso cuando $ST=1$
- **SAVRES:** Suma de los valores absolutos de los residuos
- **WSAD:** Suma ponderada de las desviaciones absolutas

Gráfica 5.: GRÁFICO CON LAS CURVAS DE REGRESIÓN CUANTIL CORRESPONDIENTE AL MODELO 5



3.2. Análisis visual del ajuste de las curvas obtenidas para los distintos modelos a los datos reales

El análisis visual se basa en la idea intuitiva de que las curvas correspondientes a los cuantiles superiores (0.975 y 0.95) han de ajustarse a los pesos mayores de cada muestreo, las curvas centrales (0.25, 0.5 y 0.75) han de ajustarse a los pesos centrales de cada muestreo mientras que las curvas correspondientes a los cuantiles inferiores (0.025 y 0.5) han de ajustarse a los pesos inferiores de cada muestreo.

Modelo 1: Para las aproximaciones a la distribución de los datos iniciales parece comportarse bien. Lo mismo podríamos decir para las muestras intermedias, hasta $ST=2800$, aproximadamente. Pero las muestras finales no se ajustan demasiado bien a las distintas curvas.

Modelo 2: Se ajustan, en general, bastante bien las curvas a los datos reales. A partir de $ST= 1000$, las curvas de los últimos cuantiles, 0.95 y 0.975, parecen sobreestiman los pesos reales superiores.

Modelo 3: Se observa un buen ajuste general hasta $ST= 2400$. A partir $ST=2400$, los datos reales son menores que los valores estimados. El comportamiento general del modelo 3 es semejante al del modelo 1.

En el **modelo 4** los datos reales no se ajustan bien a las curvas porque, aunque las curvas se encuentran centradas en los datos reales, la forma de las mismas no parece plasmar convincentemente la evolución de los datos reales.

Para el **modelo 5** se produce una situación indeseable: las curvas de 0.25 y 0.5 se cruzan para cierto valor $ST > 4000$. Esto, en teoría, no debe pasar y es un grave inconveniente para aceptar el modelo. Además los datos no se justan bien des desde el principio hasta $ST=700$, porque las curvas de 0.75, 0.95 y 0.975 sobreestiman los datos reales, A partir $ST=700$ el ajuste mejora hasta $ST=1800$. A partir de $ST=2100$ las curvas infraestiman los datos reales.

3.3. Comparación de los resultados de los errores de los modelos.

Para el ajuste de regresión cuantil de los modelos objeto de estudio, hemos utilizado el programa *Blossom Statistical Software*, el cual proporciona también el valor de los residuos. En concreto, para cada cuantil y cada modelo el programa proporciona:

- La suma de los valores absolutos de los residuos (SAVRES)
- La suma ponderada de las desviaciones absolutas (WSAD)

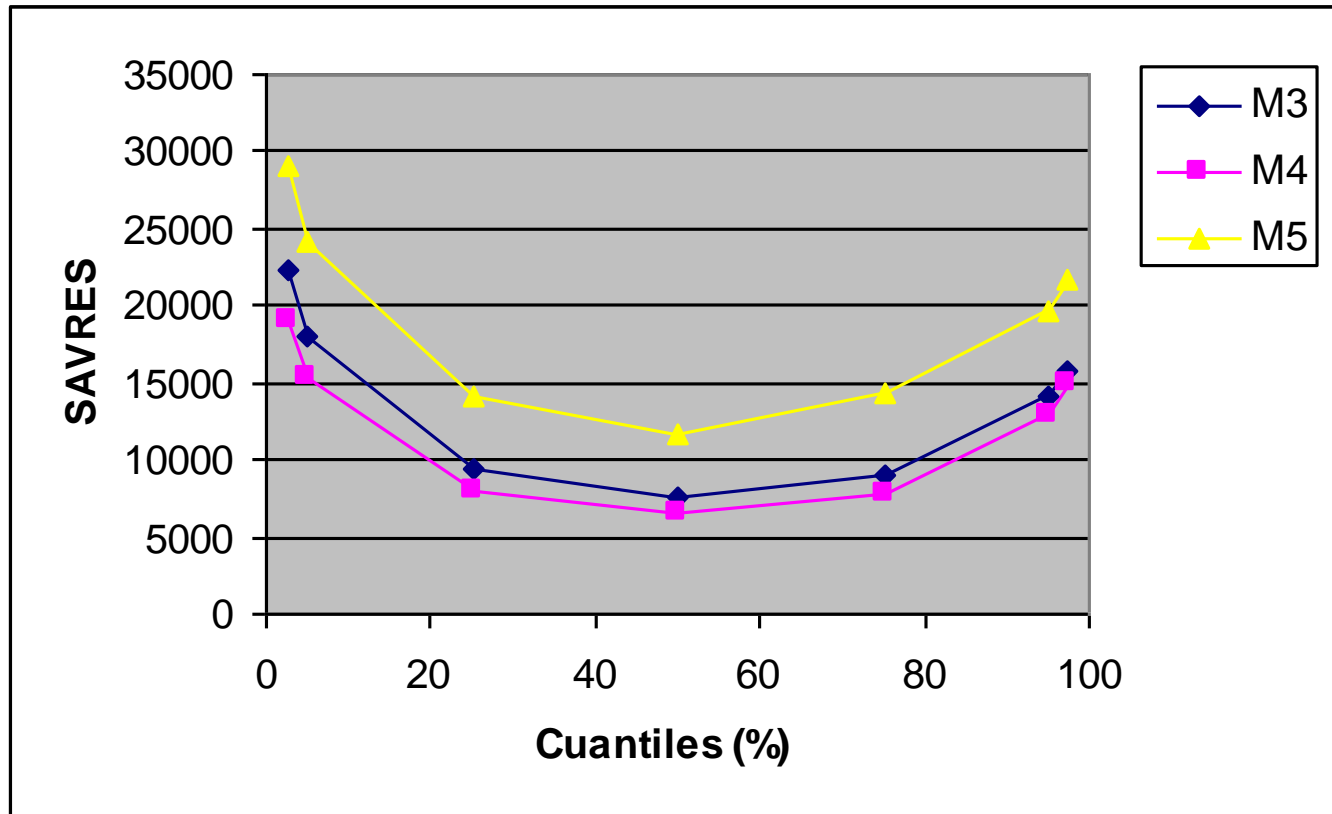
Una primera aproximación al comportamiento de los modelos puede obtenerse del análisis de los valores SAVRES y WSAD.

Suma de los valores absolutos de los residuos: SAVRES

Tabla 7.: Tabla SAVRES para los 5 modelos

CUANTILES (%)	MODELO 1	MODELO 2	MODELO 3	MODELO 4	MODELO 5
2,5	28932,24188	270951,6049	22375,87871	19004,08544	29040,47382
5	24139,58833	226817,4883	17920,50393	15279,89175	24114,85488
25	13446,12559	132424,1932	9368,192644	7940,302092	14059,40406
50	10980,26147	108641,0967	7561,862161	6494,040106	11653,62023
75	13291,5413	133127,8911	9028,775862	7803,942534	14233,14087
95	22673,99372	239380,0491	14111,67747	12958,24035	19726,86054
97,5	26015,34169	282700,3602	15758,09258	14860,80499	21680,42741

Gráfica 6.: Gráfica SAVRES vs cuantiles para los modelos 3, 4 y 5



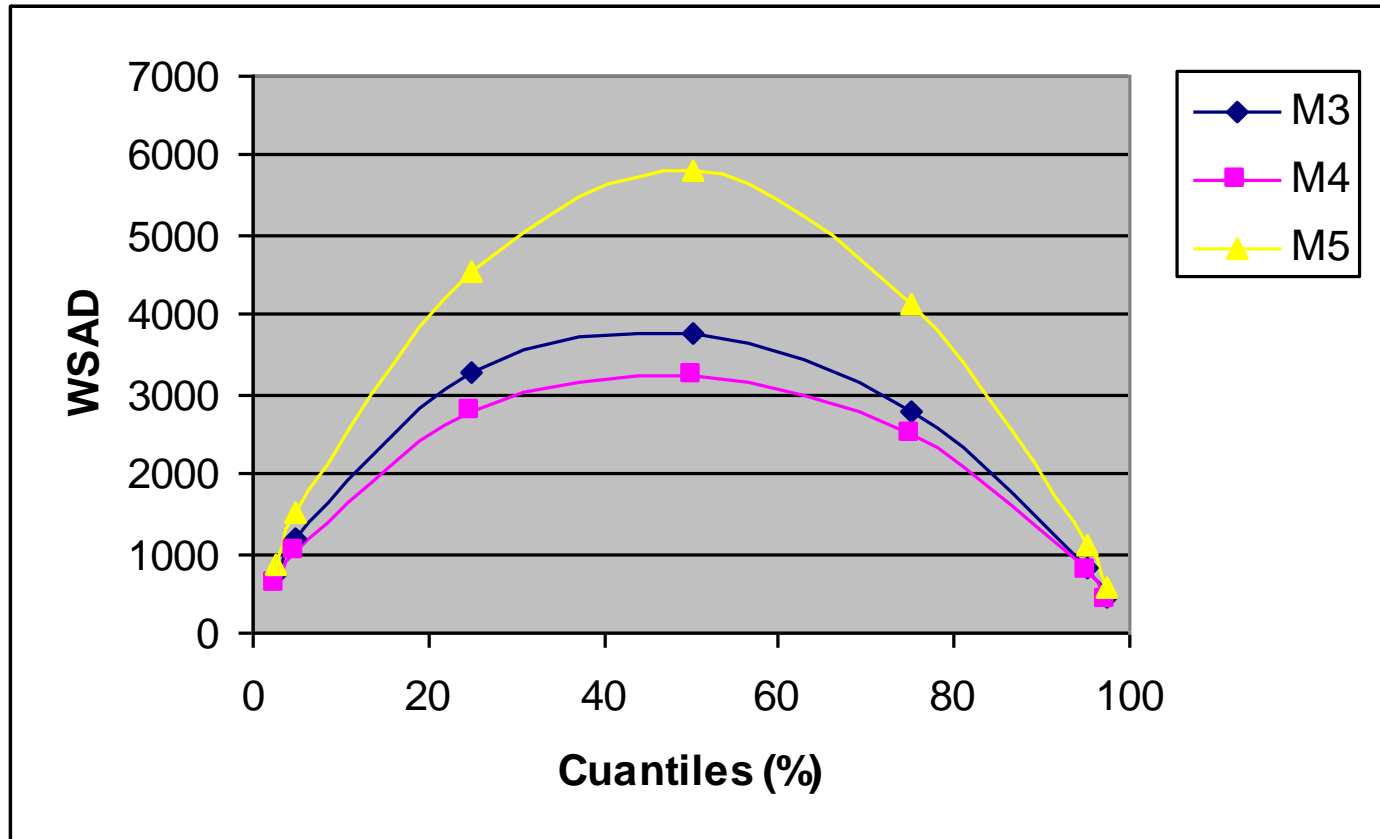
Al considerar la suma de los valores absolutos de los residuos (SAVRES), de entre los tres considerados, el modelo con mayor error con diferencia, para todos los cuantiles considerados es el modelo 5. Entre modelos 3 y 4 la diferencia entre los valores de SAVRES es no parece significativa. En cualquier caso, también para todos los cuantiles, el modelo 4 es el que presenta un menor valor de los residuos.

Suma ponderada de las desviaciones absolutas: WSAD

Tabla 8.: WSAD para los 5 modelos

CUANTILES (%)	MODELO 1	MODELO 2	MODELO 3	MODELO 4	MODELO 5
2,5	881,9706326	8069,068488	723,03424	603,7215012	864,7250739
5	1524,959679	14122,05296	1207,166867	1018,360769	1509,940138
25	4458,34651	42993,26389	3266,634975	2768,023886	4542,906971
50	5490,130733	54320,54836	3780,931081	3247,020053	5826,810114
75	4292,289035	44203,73237	2785,697275	2496,530767	4153,945918
95	1341,610212	14749,54832	809,4060641	757,7983925	1104,229518
97,5	746,4852461	8345,998088	441,9312311	416,2829096	592,5760074

Gráfica 7.: Gráfica WSAD vs Cuantiles correspondiente a los modelos 3, 4 y 5



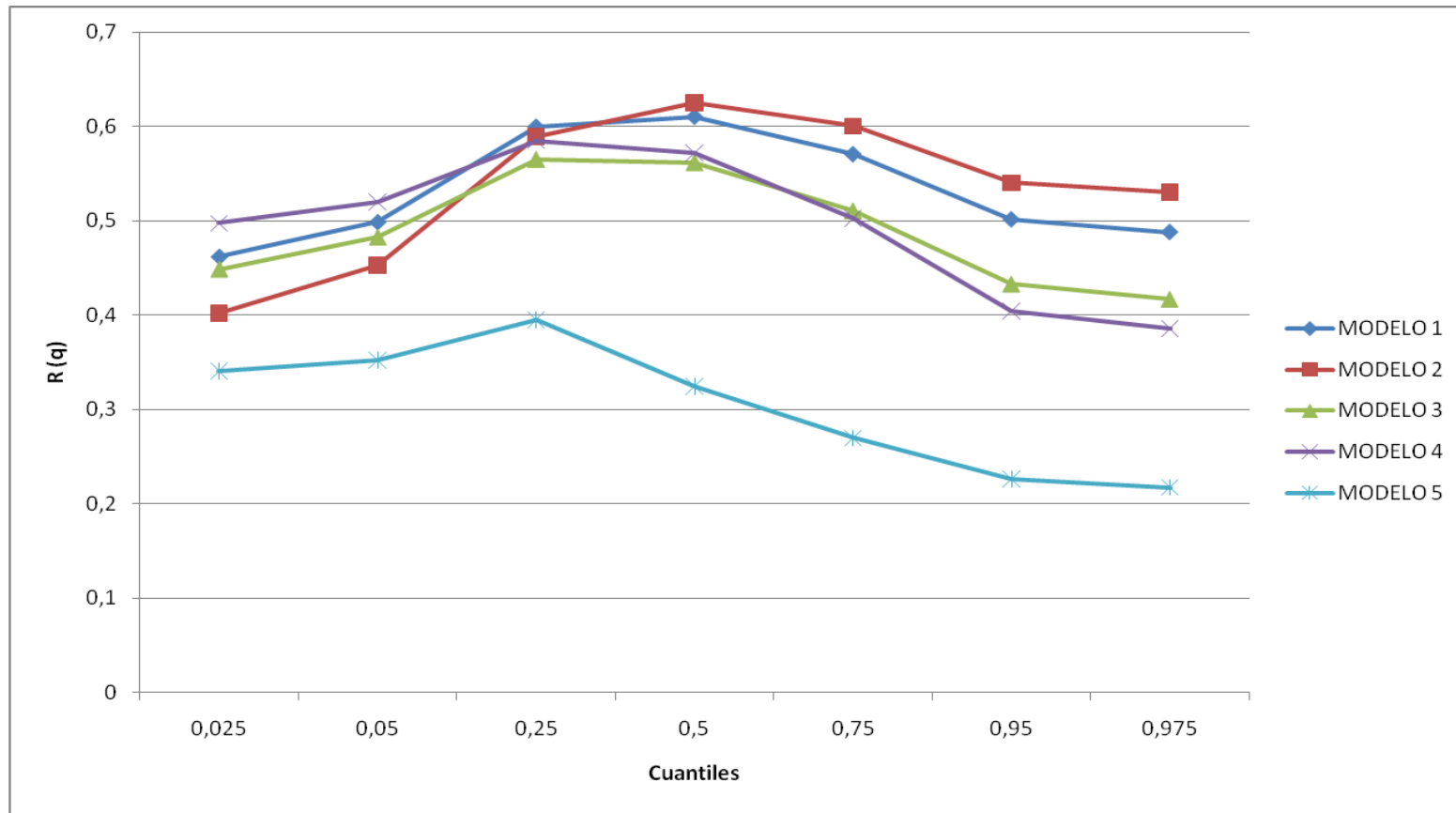
En los residuos WSAD (Suma ponderada de las desviaciones absolutas), el modelo 5 también presenta los mayores valores para todos los cuantiles, en comparación con los modelos 2 y 3 (que presentan, ambos, valores parecidos). El orden de menor a mayor error WSAD, de los dos modelos restantes, es el modelo 4 y 3. Los resultados del análisis de SAVRES y WSAD parecen indicar un mejor comportamiento de los modelos 3 y 4. En concreto el modelo 3 es el que presenta un mejor comportamiento de los tres.

3.4. Resultados de Bondad

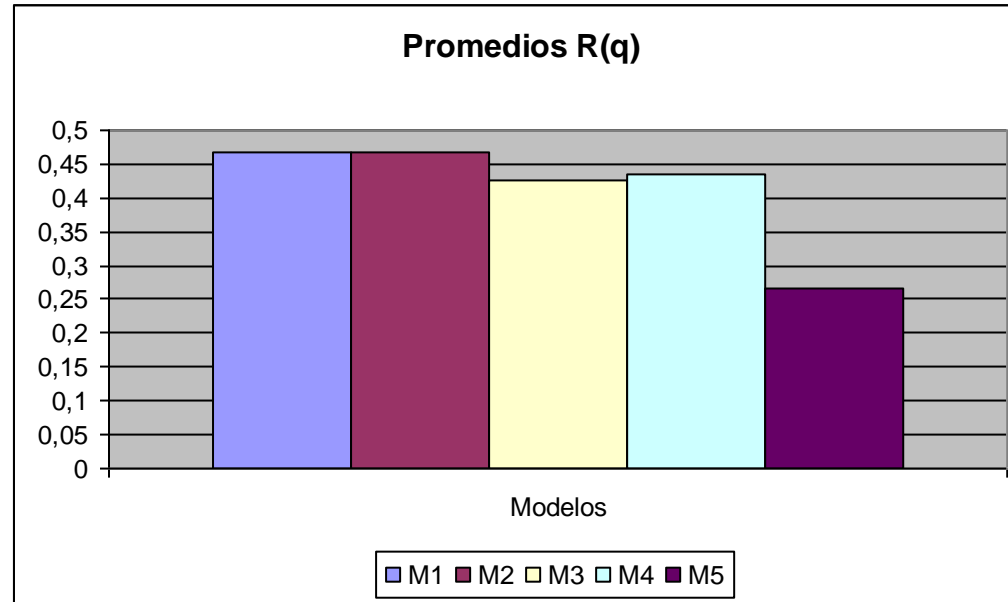
Tabla 9.: Tabla de resultados para $R(q)$

Cuantiles	$R(q)$				
	MODELO 1	MODELO 2	MODELO 3	MODELO 4	MODELO 5
0,025	0,46167339	0,40185798	0,4485504	0,49736607	0,34048449
0,05	0,49851706	0,45299684	0,48238942	0,51994842	0,3525659
0,25	0,59980139	0,5895141	0,56490707	0,58492309	0,39491656
0,5	0,61052114	0,62504353	0,56151617	0,57201852	0,32425057
0,75	0,5707239	0,60026098	0,51029916	0,50272363	0,26977321
0,95	0,50154536	0,5402211	0,43262981	0,4045617	0,22596712
0,975	0,48805598	0,53007688	0,41650348	0,38591794	0,21760216
PROMEDIOS	0,46635478	0,46749643	0,42709944	0,43343242	0,265695

Gráfica 8.: Gráfica comparativa con los valores de $R(q)$



Gráfica 9.: Representación de los promedios de $R(q)$ para cada modelo



El ajuste será tanto mejor cuanto mayor sea el valor de $R(q)$ (que siempre se mantiene entre 0 y 1). El modelo 5, linealizado es el que peor se ajusta a los datos. Los otros cuatro modelos presentan un mejor ajuste, destacando los modelos 1 y 2.

No se puede establecer un orden preciso y general de mayor a menor bondad de ajuste o viceversa entre los modelos, ya que presentan mejor o peor ajuste dependiendo de los cuantiles.

En los primeros cuantiles, 0.025 y 0.05, el orden de mayor a menor bondad es el modelo 4, el 1, el 3 y el 2.

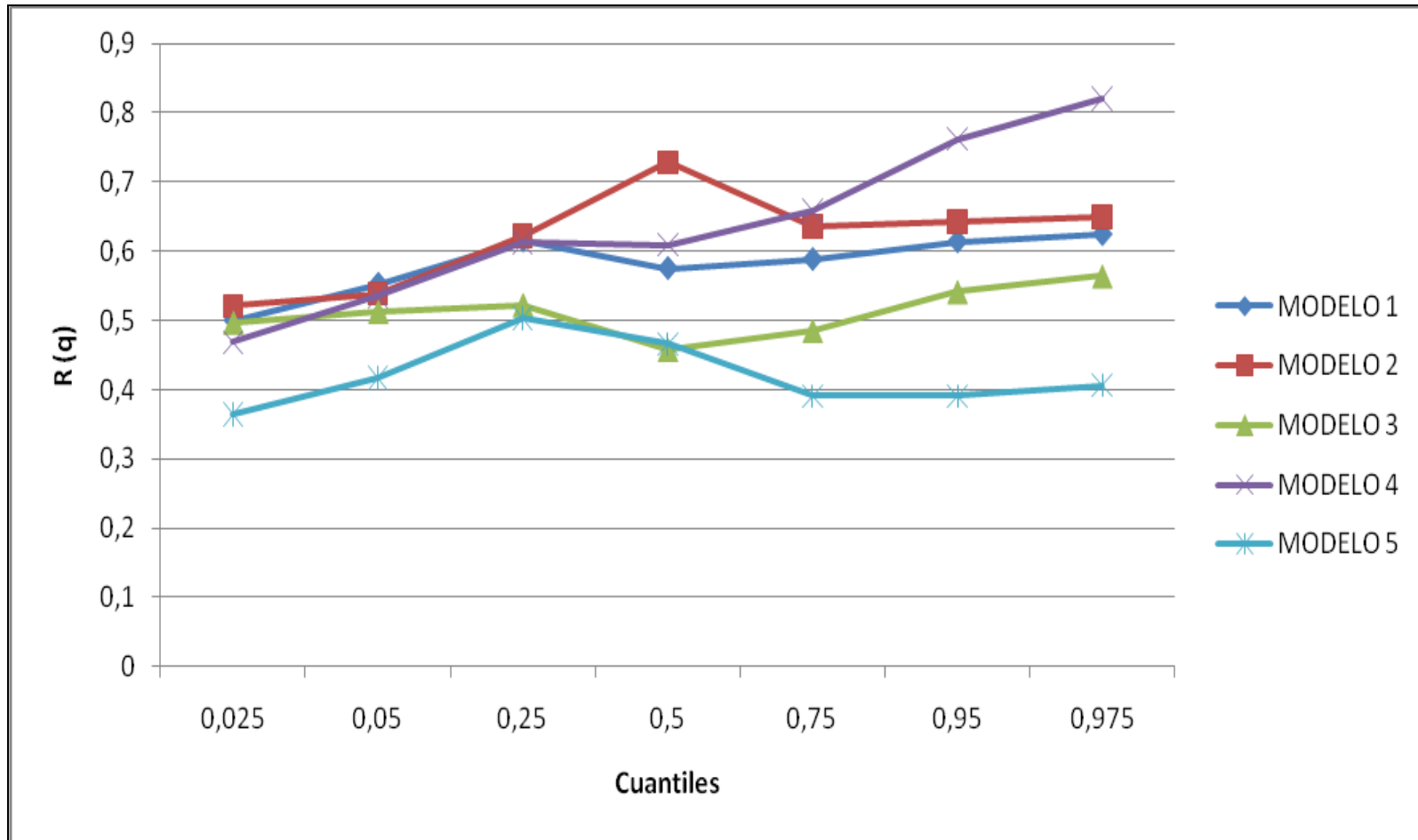
En el cuantil 0.5 el orden de los modelos de mayor a menor es el modelo 2, el 1, el 4 y el 3.

Para el resto de los cuantiles estudiados, es decir, 0.75, 0.95 y 0.975, el orden de mayor bondad es el modelo 2, el 1, el 3 y el 4.

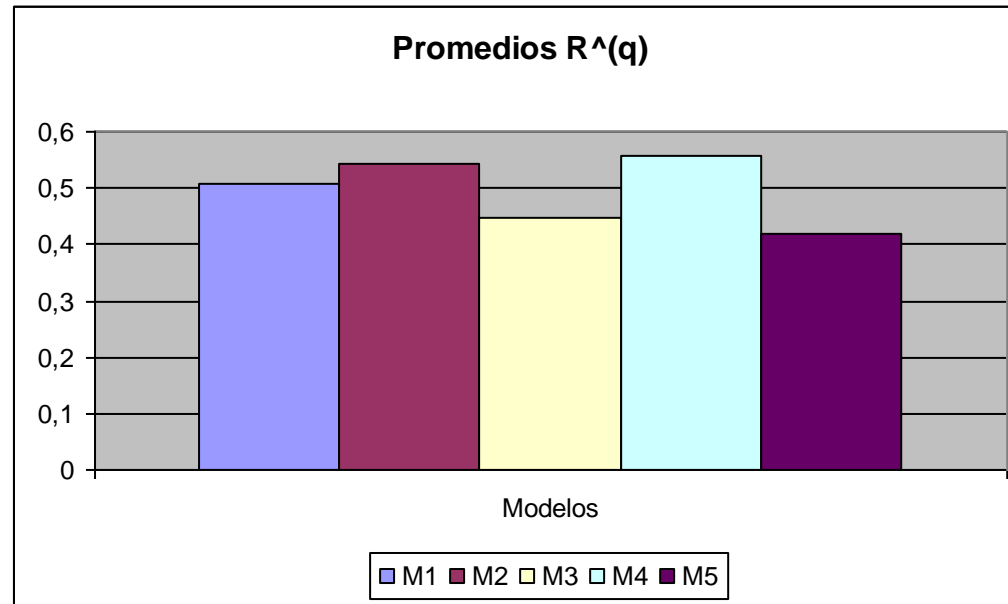
Tabla 10.: Tabla de resultados para $\tilde{R}(q)$

Cuantiles	$\tilde{R}(q)$				
	MODELO 1	MODELO 2	MODELO 3	MODELO 4	MODELO 5
0,025	0,49983898	0,52102335	0,49758497	0,46822542	0,36488865
0,05	0,55212596	0,53879717	0,51323484	0,53526837	0,417343
0,25	0,61515571	0,62204702	0,52290112	0,61289121	0,50334058
0,5	0,57522174	0,72847701	0,45773202	0,60939909	0,46617763
0,75	0,58819068	0,63629195	0,48532304	0,65829058	0,39100837
0,95	0,61395437	0,64326913	0,54183562	0,76216505	0,39112667
0,975	0,62435479	0,64931346	0,56442045	0,82115568	0,40639912
PROMEDIOS	0,50860528	0,54240239	0,44787901	0,55842443	0,42004057

Gráfica 10.: Gráfica comparativa con los valores de $\tilde{R}(q)$



Gráfica 11.: Representación de los promedios de $\tilde{R}(q)$ para cada modelo



El ajuste será tanto mejor cuanto mayor sea el valor de $\tilde{R}(q)$. No hay un modelo que se pueda establecer como el mejor para todos los cuantiles, aunque al considerar el promedio de $\tilde{R}(q)$ destaca el modelo 4, seguido de los modelos 2 y 3.

El modelo que peor se comporta es el modelo 5. Un poco mejor se comportaría el modelo 3. El resto de modelos se comportan de forma parecida para los cuantiles bajos. Para los cuantiles intermedios destaca, en general, el modelo 2. Para los cuantiles altos destaca el buen comportamiento del modelo 4.

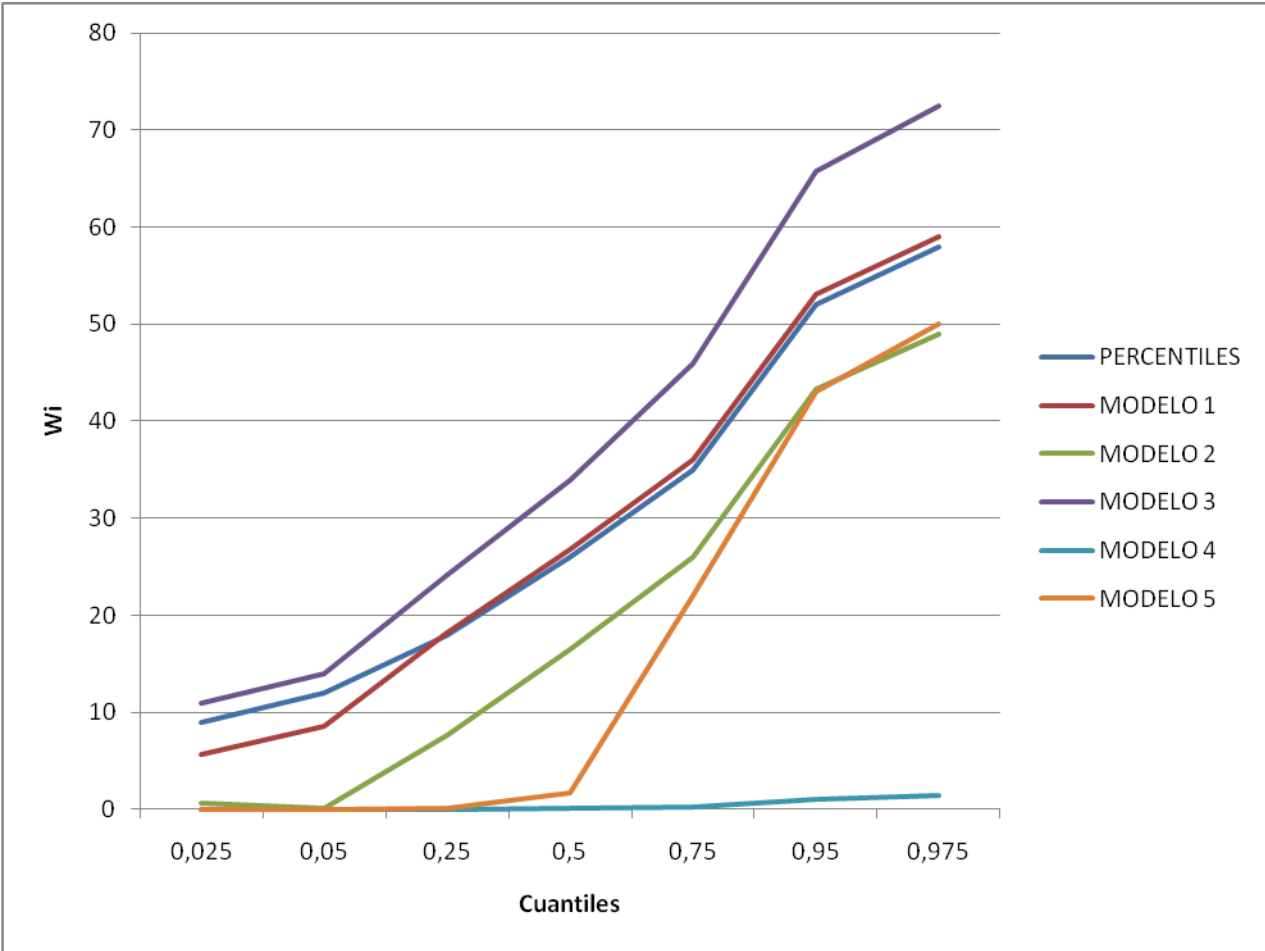
3.5. Resultados de la comparación de los pesos iniciales y pesos iniciales estimados.

Comparación de los percentiles de los pesos iniciales de los datos iniciales con los pesos iniciales obtenidos por los modelos

Tabla 11.: Tabla con los pesos iniciales

CUANTILES	PERCENTILES	MODELO 1	MODELO 2	MODELO 3	MODELO 4	MODELO 5
0,025	9	5,669073565	0,644015868	11	0,000907664	0,006895075
0,05	12	8,582903184	0,156824307	14,00000001	0,00158525	0,014041806
0,25	18	18,13663587	7,660139837	24,11037491	0,014695179	0,156480182
0,5	26	26,84563367	16,52751184	33,89068381	0,049694165	1,687639243
0,75	35	36	26	45,99999998	0,170887249	21,99999999
0,95	52	53,0734195	43,35501854	65,81004661	1,049802056	43,00000001
0,975	58	59,00000001	49	72,42411867	1,392280275	49,99999998

Gráfica 12.: Gráfica representativa de los percentiles de los pesos iniciales de los datos disponibles y los pesos iniciales obtenidos de los modelos de regresión cuantil empleados



Gráfica 13.: Gráfica representativa de los percentiles de los pesos iniciales de los datos disponibles y los pesos iniciales obtenidos de los modelos de regresión cuantil empleados. La línea azul representa la situación ideal (estimado=real)

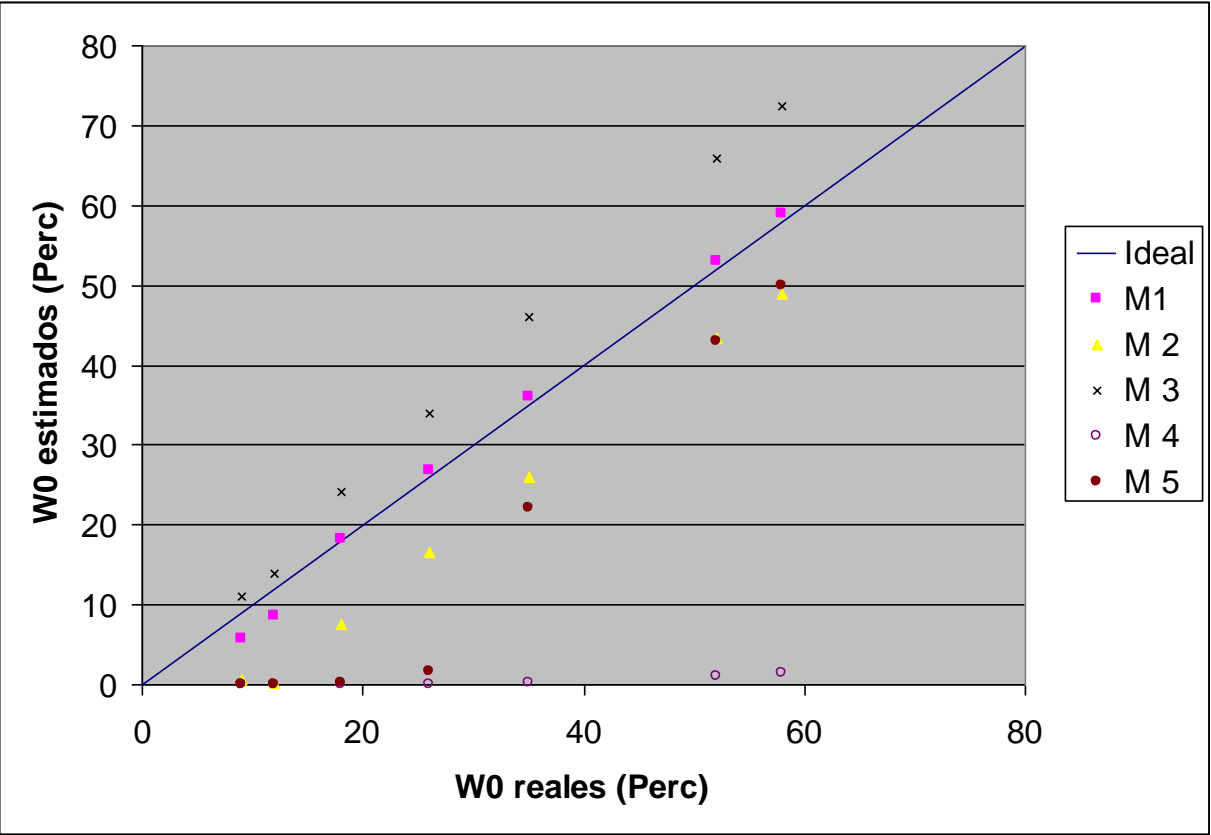
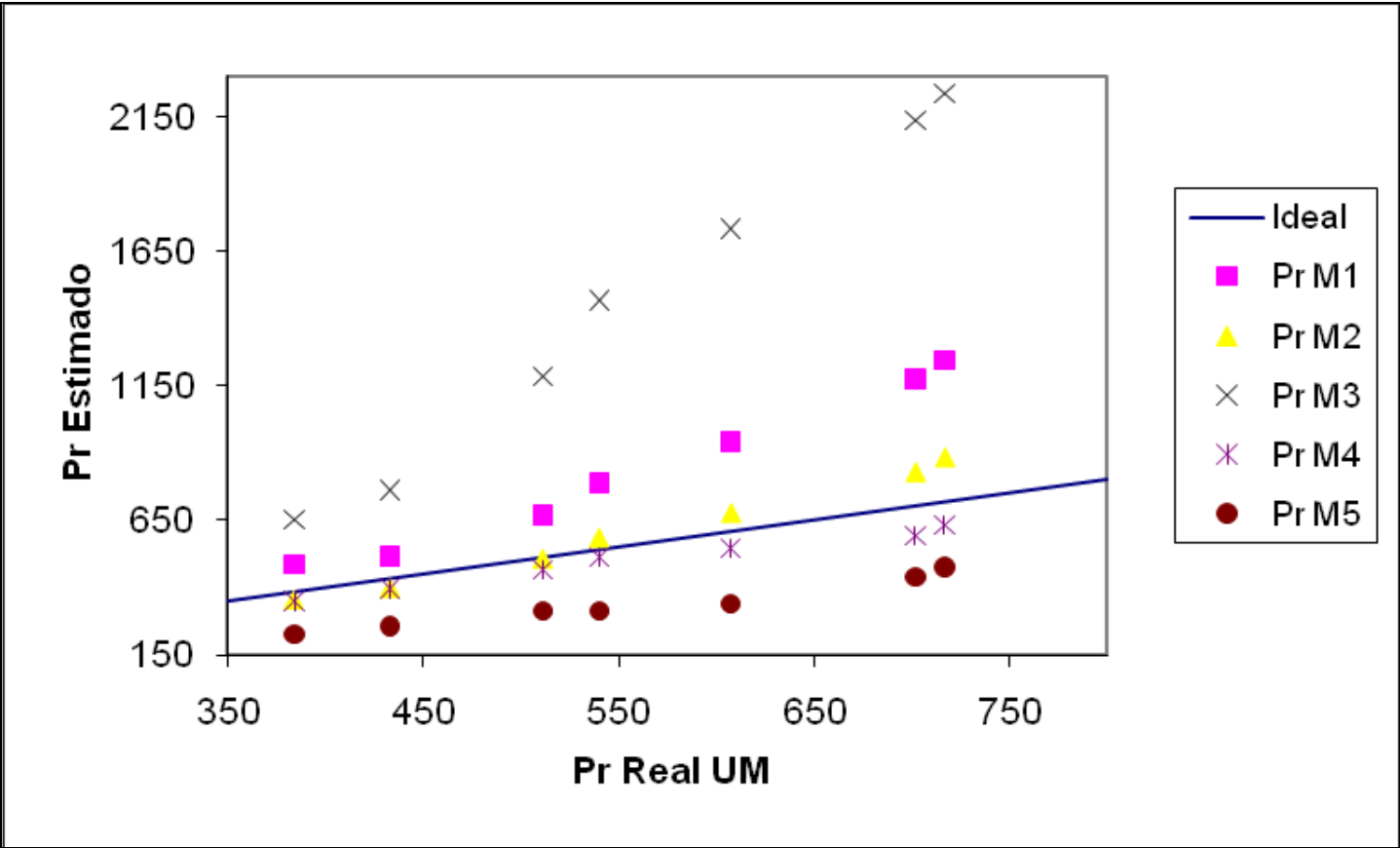


Tabla 12.: Distribución de los percentiles de los pesos reales del último muestreo y los pesos estimados por los modelos.

Percentiles	Reales	MODELO 1	MODELO 2	MODELO 3	MODELO 4	MODELO 5
2,5	384,125	486,9589985	351,2549104	651,6097819	350,1794091	226,6842284
5	433,25	516,8883526	396,3310923	761,0479723	396,3942717	257,673265
25	511,25	669,1997242	505,0338878	1182,213862	467,4230799	312,6811597
50	540	789,4026956	583,4662385	1465,413507	511,5372367	314,2424537
75	607,5	941,7622934	676,0538232	1731,264879	546,0981732	339,6309215
95	701,75	1175,355942	829,5773942	2136,220837	592,4648861	440,6119724
97,5	716,75	1243,242285	884,6831678	2235,721672	631,4456712	477,174077

Gráfica 14.: Gráfica representativa de la distribución de los percentiles de los pesos reales del último muestreo y los pesos estimados de los modelos. La línea azul representa la situación ideal (estimado=real)



Comparación de la distribución de los pesos iniciales de los alevines con los estimados a partir de los 5 modelos

Comparando los percentiles de los pesos iniciales con los pesos iniciales obtenidos utilizando los diferentes modelos, los resultados obtenidos del modelo 1 son los que más se ajustan a los percentiles de los pesos iniciales. Por lo tanto, los pesos iniciales obtenidos para los distintos cuantiles según el modelo 1 proporcionan una buena aproximación a la distribución de los pesos iniciales de los alevines.

Los pesos iniciales obtenidos a partir del modelo 3 son mayores, en todos los casos, que los de los percentiles de los pesos iniciales. No obstante, por debajo de los percentiles de los pesos iniciales se sitúan las estimaciones obtenidas para el resto de modelos. A sensible distancia del modelo 1 se sitúa el modelo 2 y tras este el modelo 5, que sólo proporciona aproximaciones medianamente aceptables para los cuantiles mayores.

El modelo 4 proporciona estimaciones para el peso inicial, y para todos los cuantiles, muy alejadas de los valores reales.

Comparación la de la distribución de los pesos del último muestro con los estimados a partir de los 5 modelos

Comparando los percentiles de los pesos del último muestreo con los pesos obtenidos utilizando los diferentes modelos, los resultados obtenidos de los modelos 2 y 4 son los que indican un mejor ajuste. Los modelos 5, y sobre todo 1 y 3, ofrecen resultados sensiblemente peores.

3.6. Resumen y valoración global de los resultados.

Tabla 13.-Resumen y valoración global de resultados: Se valora para cada modelo de 0 a 4, de peor a mejor, según los resultados obtenidos en cada indicador.

	Análisis visual	$R(q)$	$\tilde{R}(q)$	Promedio de $R(q)$	Promedio de $\tilde{R}(q)$	Ajuste Pesos Iniciales	Ajuste Pesos último muestreo
Modelo 1	3	3	2	3	2	4	1
Modelo 2	4	4	3	4	3	3	4
Modelo 3	1	1	1	1	1	2	0
Modelo 4	2	2	4	2	4	0	3
Modelo 5	0	0	0	0	0	1	2

De la observación de los resultados de la tabla 13 se deducen las siguientes conclusiones:

A nivel global, los mejores resultados con diferencia se obtienen para el modelo 2, seguido del modelo 1, y, a poca distancia, se encuentra en el modelo 4. Bastante peores resultados proporcionan el modelo 3 y el modelo 5.

Modelo 2 es el que mejor se ajusta en el análisis visual, ajuste a los datos medido por $R(q)$ y promedio de $R(q)$ además de la distribución de pesos de pesos correspondientes al último de muestreo. También se obtienen buenos resultados para $\tilde{R}(q)$, el promedio $\tilde{R}(q)$ y al ajuste a la distribución de los pesos iniciales.

Modelo 1 Es el que mejor ajusta la distribución de los pesos iniciales. Además se ajusta bastante bien en el análisis visual a los datos de muestreos iniciales y a nivel medio del ciclo. Se obtienen buenos resultados para $R(q)$ y el promedio de $R(q)$.

Modelo 4: Se obtienen los mejores resultados para $\tilde{R}(q)$ y para el promedio de $\tilde{R}(q)$. También ajusta bastante bien la distribución de los pesos del último muestreo. Sin embargo deja mucho que desear el análisis visual.

4. Conclusiones

A partir de los resultados obtenidos en el estudio, obtenemos las siguientes conclusiones:

- Al comparar los modelos 3, 4 y 5, el modelo 4 es el modelo que menor error tiene tanto en la suma de los valores absolutos de los residuos (SAVRES) como en la suma ponderada de las desviaciones absolutas (WSAD). Sin embargo, WSAD y SAVRES no son adecuados para comparar todos los modelos puesto que tienen unidades distintas.
- El modelo que proporciona unos pesos iniciales estimados más parecidos a los percentiles de los pesos iniciales reales de los alevines que se obtienen de los datos base del estudio es el modelo 1, seguido del modelo 2 se sitúa a una sensible distancia.
- El modelo 2 se ajusta muy bien las curvas obtenidas para los datos reales, sobre todo para las muestras finales. Sin embargo, el Modelo 1 se ajusta bien a la distribución de los datos iniciales y parece comportarse bien para las muestras iniciales y para las intermedias hasta $ST=2800$, aunque no proporciona un buen ajuste a la distribución de las muestras finales.
- Los modelos que se ajustan mejor a los datos, según $\tilde{R}(q)$, son el modelo 2 y el modelo 1 para los percentiles intermedios y finales a partir de 0.5 al 0.975. Sin embargo, para los percentiles iniciales, 0.025 y 0.05, son el modelo 4 y el 1. Como conclusión, según $\tilde{R}(q)$, el mejor modelo es el modelo 4.
- El modelo que se ajusta mejor a los datos, según $R(q)$, es el modelo 2. Seguido del modelo 1 a una distancia insignificante. Lo mismo se puede concluir a partir del análisis del promedio de $R(q)$.
- El modelo 1 es el mejor en la comparación de los percentiles de los pesos iniciales de los datos disponibles y los pesos iniciales obtenidos en los modelos de regresión cuantil empleados.
- El modelo 2 se ajusta mejor a la distribución de los percentiles de los pesos reales del último muestreo.
- El modelo más conveniente para la predicción del crecimiento de la dorada (*Sparus aurata*) para estadios iniciales e intermedios es el modelo 1, , pero no resulta adecuado para estadios finales.

- Para predicciones en estadios avanzados y finales de crecimiento, el modelo 2 es más adecuado, ya que es el modelo que presenta mejores indicadores de bondad de ajuste, principalmente para los cuantiles finales, desde el 0.5 al 0.975.

Conclusión final

El análisis realizado lleva a considerar el modelo 2 como el mejor de los cinco analizados. No obstante, tal y como se ha indicado con anterioridad, hay que puntualizar que debería utilizarse sobre todo para obtener predicciones del peso de la dorada en estadios avanzados y finales de crecimiento. Por otra parte, se recomienda el modelo 1 para predecir el crecimiento de la dorada en estadios iniciales e intermedios del ciclo de producción.

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6. Anexo

6.1. Simulaciones en Blossom para la obtención de los resultados de los modelos

Modelo 1

Quantile Regression

Data Used

Data file: dades_1_3.dat

0.025 Quantile Regression:

$P_F_1_3 = \text{CONSTANT} + ST$

Results

Number of observations: 22805

Dependent Variable: P_F_1_3

For Quantile = 0.025

Independent variables	Regression coefficients
CONSTANT	1.783079461312625
ST	0.001432277056035948

Number of iterations: 6

Sum of absolute values of the residuals: 28932.24188103579

Weighted sum of the absolute deviations: 881.9706325637412

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_1_3.OUT"

>LAN P_F_1_3=CONSTANT+ST/QUANT=0.05

Quantile Regression

Data Used

Data file: dades_1_3.dat

0.05 Quantile Regression:

$P_F_1_3 = \text{CONSTANT} + ST$

Results

Number of observations: 22805

Dependent Variable: P_F_1_3

For Quantile = 0.05

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	2.047441041321919
----------	-------------------

ST	0.001407235719612582
----	----------------------

Number of iterations: 8

Sum of absolute values of the residuals: 24139.58833165195

Weighted sum of the absolute deviations: 1524.959678983484

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_1_3.OUT"

>LAN P_F_1_3=CONSTANT+ST/QUANT=0.25

Quantile Regression

Data Used

Data file: dades_1_3.dat

0.25 Quantile Regression:

$P_F_1_3 = \text{CONSTANT} + ST$

Results

Number of observations: 22805

Dependent Variable: P_F_1_3

For Quantile = 0.25

Independent variables	Regression coefficients
CONSTANT	2.627355931390530
ST	0.001440559821396833

Number of iterations: 6

Sum of absolute values of the residuals: 13446.12558613679

Weighted sum of the absolute deviations: 4458.346509543272

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_1_3.OUT"

>LAN P_F_1_3=CONSTANT+ST/QUANT=0.5

Quantile Regression

Data Used

Data file: dades_1_3.dat

0.5 Quantile Regression:

P_F_1_3=CONSTANT+ST

Results

Number of observations: 22805

Dependent Variable: P_F_1_3

For Quantile = 0.5

Independent variables	Regression coefficients
CONSTANT	2.994271798156839
ST	0.001470746609156011

Number of iterations: 10

Sum of absolute values of the residuals: 10980.26146521982

Weighted sum of the absolute deviations: 5490.130732609909

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_1_3.OUT"

>LAN P_F_1_3=CONSTANT+ST/QUANT=0.75

Quantile Regression

Data Used

Data file: dades_1_3.dat

0.75 Quantile Regression:

P_F_1_3=CONSTANT+ST

Results

Number of observations: 22805

Dependent Variable: P_F_1_3

For Quantile = 0.75

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	3.301927249000000
----------	-------------------

ST	0.001530143730437851
----	----------------------

Number of iterations: 7

Sum of absolute values of the residuals: 13291.54130095312

Weighted sum of the absolute deviations: 4292.289035256835

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_1_3.OUT"

>LAN P_F_1_3=CONSTANT+ST/QUANT=0.95

Quantile Regression

Data Used

Data file: dades_1_3.dat

0.95 Quantile Regression:

$$P_F_1_3 = \text{CONSTANT} + ST$$

Results

Number of observations: 22805

Dependent Variable: P_F_1_3

For Quantile = 0.95

Independent variables	Regression coefficients
CONSTANT	3.758019448379488
ST	0.001599650628385043

Number of iterations: 9

Sum of absolute values of the residuals: 22673.99372403696

Weighted sum of the absolute deviations: 1341.610212418431

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_1_3.OUT"

>LAN P_F_1_3=CONSTANT+ST/QUANT=0.975

Quantile Regression

Data Used

Data file: dades_1_3.dat

0.975 Quantile Regression:

$$P_F_1_3 = \text{CONSTANT} + ST$$

Results

Number of observations: 22805

Dependent Variable: P_F_1_3

For Quantile = 0.975

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT 3.892996416000000
ST 0.001614814339631488
Number of iterations: 8
Sum of absolute values of the residuals: 26015.34168816038
Weighted sum of the absolute deviations: 746.4852460675432
Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_1_3.OUT"

Modelo 2

Quantile Regression

Data Used

Data file: dades_2_3.dat

0.025 Quantile Regression:

$$P_F_2_3 = \text{CONSTANT} + ST$$

Results

Number of observations: 22805

Dependent Variable: P_F_2_3

For Quantile = 0.025

Independent variables Regression coefficients

CONSTANT -0.5168265928510725

ST 0.01184084000040560

Number of iterations: 5

Sum of absolute values of the residuals: 270951.6048855326

Weighted sum of the absolute deviations: 8069.068488381448

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_2_3.OUT"

>LAD P_F_2_3=CONSTANT+ST/QUANT=0.05

Quantile Regression

Data Used

Data file: dades_2_3.dat

0.05 Quantile Regression:

P_F_2_3=CONSTANT+ST

Results

Number of observations: 22805

Dependent Variable: P_F_2_3

For Quantile = 0.05

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	0.2908097192995153
----------	--------------------

ST	0.01268672920117057
----	---------------------

Number of iterations: 6

Sum of absolute values of the residuals: 226817.4882568214

Weighted sum of the absolute deviations: 14122.05295617046

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_2_3.OUT"

>LAD P_F_2_3=CONSTANT+ST/QUANT=0.25

Quantile Regression

Data Used

Data file: dades_2_3.dat

0.25 Quantile Regression:

$$P_F_2_3 = \text{CONSTANT} + ST$$

Results

Number of observations: 22805

Dependent Variable: P_F_2_3

For Quantile = 0.25

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	3.885895630352071
----------	-------------------

ST	0.01401418846666026
----	---------------------

Number of iterations: 4

Sum of absolute values of the residuals: 132424.1932235749

Weighted sum of the absolute deviations: 42993.26388837883

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_2_3.OUT"

>LAD P_F_2_3=CONSTANT+ST/QUANT=0.5

Quantile Regression

Data Used

Data file: dades_2_3.dat

0.5 Quantile Regression:

$$P_F_2_3 = \text{CONSTANT} + ST$$

Results

Number of observations: 22805

Dependent Variable: P_F_2_3

For Quantile = 0.5

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT 6.488410494262027
ST 0.01490972641756263
Number of iterations: 7
Sum of absolute values of the residuals: 108641.0967109307
Weighted sum of the absolute deviations: 54320.54835546534

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_2_3.OUT"

>LAD P_F_2_3=CONSTANT+ST/QUANT=0.75

Quantile Regression

Data Used

Data file: dades_2_3.dat

0.75 Quantile Regression:

P_F_2_3=CONSTANT+ST

Results

Number of observations: 22805

Dependent Variable: P_F_2_3

For Quantile = 0.75

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	8.776382955000001
----------	-------------------

ST	0.01606699705663243
----	---------------------

Number of iterations: 4

Sum of absolute values of the residuals: 133127.8910597601

Weighted sum of the absolute deviations: 44203.73236839296

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_2_3.OUT"

>LAD P_F_2_3=CONSTANT+ST/QUANT=0.95

Quantile Regression

Data Used

Data file: dades_2_3.dat

0.95 Quantile Regression:

$P_F_2_3 = \text{CONSTANT} + ST$

Results

Number of observations: 22805

Dependent Variable: P_F_2_3

For Quantile = 0.95

Independent variables	Regression coefficients
CONSTANT	12.34126233817116
ST	0.01787837369302325

Number of iterations: 6

Sum of absolute values of the residuals: 239380.0491294478

Weighted sum of the absolute deviations: 14749.54832067052

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_2_3.OUT"

>LAD P_F_2_3=CONSTANT+ST/QUANT=0.975

Quantile Regression

Data Used

Data file: dades_2_3.dat

0.975 Quantile Regression:

$$P_F_2_3 = \text{CONSTANT} + ST$$

Results

Number of observations: 22805

Dependent Variable: P_F_2_3

For Quantile = 0.975

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	13.39051828000000
----------	-------------------

ST	0.01854185831078383
----	---------------------

Number of iterations: 6

Sum of absolute values of the residuals: 282700.3601930276

Weighted sum of the absolute deviations: 8345.998088386670

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_2_3.OUT"

Modelo 3

Quantile Regression

Data Used

Data file: dades_m_2.dat

0.025 Quantile Regression:

$$LN_P = \text{CONSTANT} + ST$$

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.025

Independent variables Regression coefficients

CONSTANT 2.397895273000000

ST 0.000960816788681768

Number of iterations: 6

Sum of absolute values of the residuals: 22375.87870772312

Weighted sum of the absolute deviations: 723.0342400221220

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_2.OUT"

>LAN LN_P=CONSTANT+ST/QUANT=0.05

Quantile Regression

Data Used

Data file: dades_m_2.dat

0.05 Quantile Regression:

LN_P=CONSTANT+ST

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.05

Independent variables Regression coefficients

CONSTANT 2.639057330000000

ST 0.000940592807462937

Number of iterations: 5

Sum of absolute values of the residuals: 17920.50393056699

Weighted sum of the absolute deviations: 1207.166866977818

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_2.OUT"

>LAN LN_P=CONSTANT+ST/QUANT=0.25

Quantile Regression

Data Used

Data file: dades_m_2.dat

0.25 Quantile Regression:

LN_P=CONSTANT+ST

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.25

Independent variables	Regression coefficients
CONSTANT	3.182642242113110
ST	0.000916314115519101

Number of iterations: 5

Sum of absolute values of the residuals: 9368.192644311312

Weighted sum of the absolute deviations: 3266.634975333055

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_2.OUT"

>LAN LN_P=CONSTANT+ST/QUANT=0.5

Quantile Regression

Data Used

Data file: dades_m_2.dat

0.5 Quantile Regression:

LN_P=CONSTANT+ST

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.5

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	3.523140162898077
----------	-------------------

ST	0.000886711803215281
----	----------------------

Number of iterations: 9

Sum of absolute values of the residuals: 7561.862161494803

Weighted sum of the absolute deviations: 3780.931080747402

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_2.OUT"

>LAN LN_P=CONSTANT+ST/QUANT=0.75

Quantile Regression

Data Used

Data file: dades_m_2.dat

0.75 Quantile Regression:

LN_P=CONSTANT+ST

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.75

Independent variables	Regression coefficients
CONSTANT	3.828641396000000
ST	0.000854041299773168

Number of iterations: 9

Sum of absolute values of the residuals: 9028.775862404573

Weighted sum of the absolute deviations: 2785.697275437734

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_2.OUT"

>LAN LN_P=CONSTANT+ST/QUANT=0.95

Quantile Regression

Data Used

Data file: dades_m_2.dat

0.95 Quantile Regression:

LN_P=CONSTANT+ST

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.95

Independent variables	Regression coefficients
CONSTANT	4.186772510732855
ST	0.000819213886455074

Number of iterations: 8

Sum of absolute values of the residuals: 14111.67747028609

Weighted sum of the absolute deviations: 809.4060640724197

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_2.OUT"

>LAN LN_P=CONSTANT+ST/QUANT=0.975

Quantile Regression

Data Used

Data file: dades_m_2.dat

0.975 Quantile Regression:

LN_P=CONSTANT+ST

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.975

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	4.282539374749181
----------	-------------------

ST	0.000807386866017621
----	----------------------

Number of iterations: 7

Sum of absolute values of the residuals: 15758.09258260231

Weighted sum of the absolute deviations: 441.9312310503560

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_2.OUT"

Modelo 4

Quantile Regression

Data Used

Data file: dades_m_4.dat

0.025 Quantile Regression:

$$\text{LN_P}=\text{CONSTANT}+\text{LN_ST}$$

Results

Number of observations: 21672

Dependent Variable: LN_P

For Quantile = 0.025

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	-7.004636056238184
----------	--------------------

LN_ST	1.539713728058073
-------	-------------------

Number of iterations: 7

Sum of absolute values of the residuals: 19004.08544204307

Weighted sum of the absolute deviations: 603.7215012150385

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_4.OUT"

>LAD LN_P=CONSTANT+LN_ST/QUANT=0.05

Quantile Regression

Data Used

Data file: dades_m_4.dat

0.05 Quantile Regression:

$$\text{LN_P}=\text{CONSTANT}+\text{LN_ST}$$

Results

Number of observations: 21672

Dependent Variable: LN_P

For Quantile = 0.05

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	-6.447013300252797
----------	--------------------

LN_ST 1.487804602140504

Number of iterations: 9

Sum of absolute values of the residuals: 15279.89174920312

Weighted sum of the absolute deviations: 1018.360769333218

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_4.OUT"

>LAD LN_P=CONSTANT+LN_ST/QUANT=0.25

Quantile Regression

Data Used

Data file: dades_m_4.dat

0.25 Quantile Regression:

LN_P=CONSTANT+LN_ST

Results

Number of observations: 21672

Dependent Variable: LN_P

For Quantile = 0.25

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	-4.220235817817344
----------	--------------------

LN_ST	1.240988504250389
-------	-------------------

Number of iterations: 7

Sum of absolute values of the residuals: 7940.302092280494

Weighted sum of the absolute deviations: 2768.023885588363

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_4.OUT"

>LAD LN_P=CONSTANT+LN_ST/QUANT=0.5

Quantile Regression

Data Used

Data file: dades_m_4.dat

0.5 Quantile Regression:

LN_P=CONSTANT+LN_ST

Results

Number of observations: 21672

Dependent Variable: LN_P

For Quantile = 0.5

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	-3.001867755328438
----------	--------------------

LN_ST	1.105944818079415
-------	-------------------

Number of iterations: 7

Sum of absolute values of the residuals: 6494.040105626051

Weighted sum of the absolute deviations: 3247.020052813025

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_4.OUT"

>LAD LN_P=CONSTANT+LN_ST/QUANT=0.75

Quantile Regression

Data Used

Data file: dades_m_4.dat

0.75 Quantile Regression:

LN_P=CONSTANT+LN_ST

Results

Number of observations: 21672

Dependent Variable: LN_P

For Quantile = 0.75

Independent variables	Regression coefficients
CONSTANT	-1.766751304441198
LN_ST	0.9659269143631373

Number of iterations: 7

Sum of absolute values of the residuals: 7803.942533690155

Weighted sum of the absolute deviations: 2496.530767491826

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_4.OUT"

>LAD LN_P=CONSTANT+LN_ST/QUANT=0.95

Quantile Regression

Data Used

Data file: dades_m_4.dat

0.95 Quantile Regression:

LN_P=CONSTANT+LN_ST

Results

Number of observations: 21672

Dependent Variable: LN_P

For Quantile = 0.95

Independent variables	Regression coefficients
CONSTANT	0.04860162834324077

LN_ST 0.7583834805524516

Number of iterations: 4

Sum of absolute values of the residuals: 12958.24035209119

Weighted sum of the absolute deviations: 757.7983925114809

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_4.OUT"

>LAD LN_P=CONSTANT+LN_ST/QUANT=0.975

Quantile Regression

Data Used

Data file: dades_m_4.dat

0.975 Quantile Regression:

LN_P=CONSTANT+LN_ST

Results

Number of observations: 21672

Dependent Variable: LN_P

For Quantile = 0.975

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	0.3309428886943322
----------	--------------------

LN_ST	0.7322145039524200
-------	--------------------

Number of iterations: 3

Sum of absolute values of the residuals: 14860.80499237937

Weighted sum of the absolute deviations: 416.2829095784447

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_4.OUT"

Modelo 5

Quantile Regression

Data Used

Data file: dades_4_BIS.dat

0.025 Quantile Regression:

$$\text{LN_P}=\text{CONSTANT}+\text{LN_ST_MAS_1}$$

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.025

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	-4.976947851286522
----------	--------------------

LN_ST_MAS_1	1.252133863728131
-------------	-------------------

Number of iterations: 6

Sum of absolute values of the residuals: 29040.47382016767

Weighted sum of the absolute deviations: 864.7250738656219

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_4_BIS.OUT"

>LAD LN_P=CONSTANT+LN_ST_MAS_1/QUANT=0.05

Quantile Regression

Data Used

Data file: dades_4_BIS.dat

0.05 Quantile Regression:

$$\text{LN_P}=\text{CONSTANT}+\text{LN_ST_MAS_1}$$

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.05

Independent variables	Regression coefficients
CONSTANT	-4.265716283050706
LN_ST_MAS_1	1.181933834880702

Number of iterations: 9

Sum of absolute values of the residuals: 24114.85487896651

Weighted sum of the absolute deviations: 1509.940138474188

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_4_BIS.OUT"

>LAD LN_P=CONSTANT+LN_ST_MAS_1/QUANT=0.25

Quantile Regression

Data Used

Data file: dades_4_BIS.dat

0.25 Quantile Regression:

LN_P=CONSTANT+LN_ST_MAS_1

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.25

Independent variables	Regression coefficients
CONSTANT	-1.854825908864777

LN_ST_MAS_1 0.9149775893400589

Number of iterations: 8

Sum of absolute values of the residuals: 14059.40405760897

Weighted sum of the absolute deviations: 4542.906971102481

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_4_BIS.OUT"

>LAD LN_P=CONSTANT+LN_ST_MAS_1/QUANT=0.5

Quantile Regression

Data Used

Data file: dades_4_BIS.dat

0.5 Quantile Regression:

LN_P=CONSTANT+LN_ST_MAS_1

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.5

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	0.5233306548414356
----------	--------------------

LN_ST_MAS_1	0.6292670913124403
-------------	--------------------

Number of iterations: 8

Sum of absolute values of the residuals: 11653.62022707907

Weighted sum of the absolute deviations: 5826.810113539535

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_4_BIS.OUT"

>LAD LN_P=CONSTANT+LN_ST_MAS_1/QUANT=0.75

Quantile Regression

Data Used

Data file: dades_4_BIS.dat

0.75 Quantile Regression:

LN_P=CONSTANT+LN_ST_MAS_1

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.75

Independent variables	Regression coefficients
CONSTANT	3.091042453000000
LN_ST_MAS_1	0.3294898679499393

Number of iterations: 4

Sum of absolute values of the residuals: 14233.14087491112

Weighted sum of the absolute deviations: 4153.945918343910

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_4_BIS.OUT"

>LAD LN_P=CONSTANT+LN_ST_MAS_1/QUANT=0.95

Quantile Regression

Data Used

Data file: dades_4_BIS.dat

0.95 Quantile Regression:

$$\text{LN_P}=\text{CONSTANT}+\text{LN_ST_MAS_1}$$

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.95

Independent variables	Regression coefficients
CONSTANT	3.761200116000000
LN_ST_MAS_1	0.2801470497837093

Number of iterations: 5

Sum of absolute values of the residuals: 19726.86053787756

Weighted sum of the absolute deviations: 1104.229518259552

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_4_BIS.OUT"

>LAD LN_P=CONSTANT+LN_ST_MAS_1/QUANT=0.975

Quantile Regression

Data Used

Data file: dades_4_BIS.dat

0.975 Quantile Regression:

$$\text{LN_P}=\text{CONSTANT}+\text{LN_ST_MAS_1}$$

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.975

Independent variables	Regression coefficients
CONSTANT	3.912023005000000

LN_ST_MAS_1 0.2715864666056408

Number of iterations: 5

Sum of absolute values of the residuals: 21680.42740959760

Weighted sum of the absolute deviations: 592.5760074316041

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_4_BIS.OUT"

6.2. Simulaciones en Blossom para la Bondad

Modelo 1

Quantile Regression

Data Used

Data file: dades_1_3.dat

0.025 Quantile Regression:

P_F_1_3=CONSTANT

Results

Number of observations: 22805

Dependent Variable: P_F_1_3

For Quantile = 0.025

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	2.620741394000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 59218.10030269485

Weighted sum of the absolute deviations: 1638.356015798875

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_1_3.OUT"

>LAD P_F_1_3=CONSTANT/QUANT=0.05

Quantile Regression

Data Used

Data file: dades_1_3.dat

0.05 Quantile Regression:

P_F_1_3=CONSTANT

Results

Number of observations: 22805

Dependent Variable: P_F_1_3

For Quantile = 0.05

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	2.843866980000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 54499.36442744429

Weighted sum of the absolute deviations: 3040.900419706492

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_1_3.OUT"

>LAD P_F_1_3=CONSTANT/QUANT=0.25

Quantile Regression

Data Used

Data file: dades_1_3.dat

0.25 Quantile Regression:

P_F_1_3=CONSTANT

Results

Number of observations: 22805

Dependent Variable: P_F_1_3

For Quantile = 0.25

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	3.979057208000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 36235.30955818261

Weighted sum of the absolute deviations: 11140.33484757962

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_1_3.OUT"

>LAD P_F_1_3=CONSTANT/QUANT=0.5

Quantile Regression

Data Used

Data file: dades_1_3.dat

0.5 Quantile Regression:

P_F_1_3=CONSTANT

Results

Number of observations: 22805

Dependent Variable: P_F_1_3

For Quantile = 0.5

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	5.371685355000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 28192.18843425758

Weighted sum of the absolute deviations: 14096.09421712879

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_1_3.OUT"

>LAD P_F_1_3=CONSTANT/QUANT=0.75

Quantile Regression

Data Used

Data file: dades_1_3.dat

0.75 Quantile Regression:

P_F_1_3=CONSTANT

Results

Number of observations: 22805

Dependent Variable: P_F_1_3

For Quantile = 0.75

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	6.423158289000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 33912.02369484417

Weighted sum of the absolute deviations: 9998.900490882634

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_1_3.OUT"

>LAD P_F_1_3=CONSTANT/QUANT=0.95

Quantile Regression

Data Used

Data file: dades_1_3.dat

0.95 Quantile Regression:

P_F_1_3=CONSTANT

Results

Number of observations: 22805

Dependent Variable: P_F_1_3

For Quantile = 0.95

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	7.243156443000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 47258.73145011888

Weighted sum of the absolute deviations: 2691.539227401276

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_1_3.OUT"

>LAD P_F_1_3=CONSTANT/QUANT=0.975

Quantile Regression

Data Used

Data file: dades_1_3.dat

0.975 Quantile Regression:

P_F_1_3=CONSTANT

Results

Number of observations: 22805

Dependent Variable: P_F_1_3

For Quantile = 0.975

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	7.488872387000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 52441.72949505992

Weighted sum of the absolute deviations: 1458.138417781260

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_1_3.OUT"

Modelo 2

Quantile Regression

Data Used

Data file: dades_2_3.dat

0.025 Quantile Regression:

P_F_2_3=CONSTANT

Results

Number of observations: 22805

Dependent Variable: P_F_2_3

For Quantile = 0.025

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	6.868285455000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 509698.4919562463

Weighted sum of the absolute deviations: 13490.22176288941

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_2_3.OUT"

>LAD P_F_2_3=CONSTANT/QUANT=0.05

Quantile Regression

Data Used

Data file: dades_2_3.dat

0.05 Quantile Regression:

P_F_2_3=CONSTANT

Results

Number of observations: 22805

Dependent Variable: P_F_2_3

For Quantile = 0.05

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	8.087579398999999
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 483920.7011751605

Weighted sum of the absolute deviations: 25817.13218681718

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_2_3.OUT"

>LAD P_F_2_3=CONSTANT/QUANT=0.25

Quantile Regression

Data Used

Data file: dades_2_3.dat

0.25 Quantile Regression:

P_F_2_3=CONSTANT

Results

Number of observations: 22805

Dependent Variable: P_F_2_3

For Quantile = 0.25

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	15.83289626000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 361318.1416824968

Weighted sum of the absolute deviations: 104737.4928168239

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_2_3.OUT"

>LAD P_F_2_3=CONSTANT/QUANT=0.5

Quantile Regression

Data Used

Data file: dades_2_3.dat

0.5 Quantile Regression:

P_F_2_3=CONSTANT

Results

Number of observations: 22805

Dependent Variable: P_F_2_3

For Quantile = 0.5

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	28.85500355000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 289743.2251922407

Weighted sum of the absolute deviations: 144871.6125961203

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_2_3.OUT"

>LAD P_F_2_3=CONSTANT/QUANT=0.75

Quantile Regression

Data Used

Data file: dades_2_3.dat

0.75 Quantile Regression:

P_F_2_3=CONSTANT

Results

Number of observations: 22805

Dependent Variable: P_F_2_3

For Quantile = 0.75

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	41.25696240000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 359217.7165432911

Weighted sum of the absolute deviations: 110581.4792153934

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_2_3.OUT"

>LAD P_F_2_3=CONSTANT/QUANT=0.95

Quantile Regression

Data Used

Data file: dades_2_3.dat

0.95 Quantile Regression:

P_F_2_3=CONSTANT

Results

Number of observations: 22805

Dependent Variable: P_F_2_3

For Quantile = 0.95

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	52.46331526000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 542662.6633236031

Weighted sum of the absolute deviations: 32079.65472299566

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_2_3.OUT"

>LAD P_F_2_3=CONSTANT/QUANT=0.975

Quantile Regression

Data Used

Data file: dades_2_3.dat

0.975 Quantile Regression:

P_F_2_3=CONSTANT

Results

Number of observations: 22805

Dependent Variable: P_F_2_3

For Quantile = 0.975

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	56.08320963000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 619031.6757144142

Weighted sum of the absolute deviations: 17760.34781226956

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_2_3.OUT"

Modelo 3

Quantile Regression

Data Used

Data file: dades_m_2.dat

0.025 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.025

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	2.890371758000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 44358.70834334043

Weighted sum of the absolute deviations: 1311.151996783317

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_2.OUT"

>LAD LN_P=CONSTANT/QUANT=0.05

Quantile Regression

Data Used

Data file: dades_m_2.dat

0.05 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.05

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	3.135494216000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 39173.11806963415

Weighted sum of the absolute deviations: 2332.191234797129

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_2.OUT"

>LAD LN_P=CONSTANT/QUANT=0.25

Quantile Regression

Data Used

Data file: dades_m_2.dat

0.25 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.25

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	4.143134726000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 22697.70225282813

Weighted sum of the absolute deviations: 7507.901695151171

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_2.OUT"

>LAD LN_P=CONSTANT/QUANT=0.5

Quantile Regression

Data Used

Data file: dades_m_2.dat

0.5 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.5

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	5.043425117000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 17245.47544616640

Weighted sum of the absolute deviations: 8622.737723083199

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_2.OUT"

>LAD LN_P=CONSTANT/QUANT=0.75

Quantile Regression

Data Used

Data file: dades_m_2.dat

0.75 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.75

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	5.579729826000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 20076.01589066235

Weighted sum of the absolute deviations: 5688.569562719025

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_2.OUT"

>LAD LN_P=CONSTANT/QUANT=0.95

Quantile Regression

Data Used

Data file: dades_m_2.dat

0.95 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.95

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	5.940171253000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 25909.04328773453

Weighted sum of the absolute deviations: 1426.592520935169

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_2.OUT"

>LAD LN_P=CONSTANT/QUANT=0.975

Quantile Regression

Data Used

Data file: dades_m_2.dat

0.975 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.975

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	6.040254711000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 28019.79139096693

Weighted sum of the absolute deviations: 757.3845173688328

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_2.OUT"

Modelo 4

Quantile Regression

Data Used

Data file: dades_m_4.dat

0.025 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 21672

Dependent Variable: LN_P

For Quantile = 0.025

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	3.091042453000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 39637.38767666010

Weighted sum of the absolute deviations: 1201.115692199844

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_4.OUT"

>LAD LN_P=CONSTANT/QUANT=0.05

Quantile Regression

Data Used

Data file: dades_m_4.dat

0.05 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 21672

Dependent Variable: LN_P

For Quantile = 0.05

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	3.295836866000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 35523.65109057277

Weighted sum of the absolute deviations: 2121.356966503973

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_4.OUT"

>LAD LN_P=CONSTANT/QUANT=0.25

Quantile Regression

Data Used

Data file: dades_m_4.dat

0.25 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 21672

Dependent Variable: LN_P

For Quantile = 0.25

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	4.304065093000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 19790.53976538753

Weighted sum of the absolute deviations: 6668.701206144678

Solution: NON-UNIQUE

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_4.OUT"

>LAD LN_P=CONSTANT/QUANT=0.5

Quantile Regression

Data Used

Data file: dades_m_4.dat

0.5 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 21672

Dependent Variable: LN_P

For Quantile = 0.5

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	5.105945474000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 15173.64738391446

Weighted sum of the absolute deviations: 7586.823691957229

Solution: NON-UNIQUE

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_4.OUT"

>LAD LN_P=CONSTANT/QUANT=0.75

Quantile Regression

Data Used

Data file: dades_m_4.dat

0.75 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 21672

Dependent Variable: LN_P

For Quantile = 0.75

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	5.598421959000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 17613.33169141241

Weighted sum of the absolute deviations: 5020.409022267111

Solution: NON-UNIQUE

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_4.OUT"

>LAD LN_P=CONSTANT/QUANT=0.95

Quantile Regression

Data Used

Data file: dades_m_4.dat

0.95 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 21672

Dependent Variable: LN_P

For Quantile = 0.95

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	5.953243334000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 23096.59098800482

Weighted sum of the absolute deviations: 1272.673234261871

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_4.OUT"

>LAD LN_P=CONSTANT/QUANT=0.975

Quantile Regression

Data Used

Data file: dades_m_4.dat

0.975 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 21672

Dependent Variable: LN_P

For Quantile = 0.975

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	6.040254711000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 24840.19455319493

Weighted sum of the absolute deviations: 677.8945964245403

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_m_4.OUT"

Modelo 5

Quantile Regression

Data Used

Data file: dades_4_BIS.dat

0.025 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.025

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	2.890371758000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 44358.70834334043

Weighted sum of the absolute deviations: 1311.151996783317

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_4_BIS.OUT"

>LAD LN_P=CONSTANT/QUANT=0.05

Quantile Regression

Data Used

Data file: dades_4_BIS.dat

0.05 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.05

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	3.135494216000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 39173.11806963415

Weighted sum of the absolute deviations: 2332.191234797129

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_4_BIS.OUT"

>LAD LN_P=CONSTANT/QUANT=0.25

Quantile Regression

Data Used

Data file: dades_4_BIS.dat

0.25 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.25

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	4.143134726000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 22697.70225282813

Weighted sum of the absolute deviations: 7507.901695151171

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_4_BIS.OUT"

>LAD LN_P=CONSTANT/QUANT=0.5

Quantile Regression

Data Used

Data file: dades_4_BIS.dat

0.5 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.5

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	5.043425117000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 17245.47544616640

Weighted sum of the absolute deviations: 8622.737723083199

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_4_BIS.OUT"

>LAD LN_P=CONSTANT/QUANT=0.75

Quantile Regression

Data Used

Data file: dades_4_BIS.dat

0.75 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.75

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	5.579729826000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 20076.01589066235

Weighted sum of the absolute deviations: 5688.569562719025

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_4_BIS.OUT"

>LAD LN_P=CONSTANT/QUANT=0.95

Quantile Regression

Data Used

Data file: dades_4_BIS.dat

0.95 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.95

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	5.940171253000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 25909.04328773453

Weighted sum of the absolute deviations: 1426.592520935169

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_4_BIS.OUT"

>LAD LN_P=CONSTANT/QUANT=0.975

Quantile Regression

Data Used

Data file: dades_4_BIS.dat

0.975 Quantile Regression:

LN_P=CONSTANT

Results

Number of observations: 22805

Dependent Variable: LN_P

For Quantile = 0.975

Independent variables	Regression coefficients
-----------------------	-------------------------

CONSTANT	6.040254711000000
----------	-------------------

Number of iterations: 1

Sum of absolute values of the residuals: 28019.79139096693

Weighted sum of the absolute deviations: 757.3845173688328

Solution: SUCCESSFUL

Output was appended to file

"C:\Users\Usuario\Documents\My Blossom\dades_4_BIS.OUT"

6.3. Pesos finales estimados

Tabla 14. Pesos finales estimados para el modelo 1

ST	Wf_0.025	Wf_0.05	Wf_0.25	Wf_0.5	Wf_0.75	Wf_0.95	Wf_0.975
0	5,66907357	8,58290318	18,1366359	26,8456337	36	53,0734195	59
1	5,68274577	8,60061281	18,1664848	26,8852118	36,0500714	53,1412226	59,07345
2	5,69643993	8,61834679	18,1963664	26,9248288	36,1001892	53,2090834	59,146961
3	5,71015608	8,63610512	18,2262808	26,9644846	36,1503535	53,2770019	59,2205329
4	5,72389423	8,65388783	18,256228	27,0041794	36,2005642	53,3449782	59,2941658
5	5,7376544	8,67169494	18,2862079	27,0439132	36,2508213	53,4130123	59,3678597
6	5,7514366	8,68952645	18,3162207	27,0836859	36,301125	53,4811043	59,4416146
7	5,76524086	8,7073824	18,3462663	27,1234975	36,3514752	53,5492541	59,5154306
8	5,77906718	8,72526279	18,3763447	27,1633482	36,4018719	53,6174617	59,5893077
9	5,79291559	8,74316764	18,4064559	27,2032379	36,4523151	53,6857273	59,6632459
10	5,80678611	8,76109697	18,4366001	27,2431666	36,502805	53,7540507	59,7372452
11	5,82067875	8,77905079	18,4667771	27,2831344	36,5533414	53,8224321	59,8113057
12	5,83459354	8,79702913	18,4969871	27,3231412	36,6039245	53,8908715	59,8854274
13	5,84853048	8,81503199	18,52723	27,3631871	36,6545542	53,9593689	59,9596103
14	5,8624896	8,8330594	18,5575058	27,4032722	36,7052306	54,0279242	60,0338544
15	5,87647091	8,85111136	18,5878146	27,4433963	36,7559536	54,0965377	60,1081598
16	5,89047443	8,86918791	18,6181564	27,4835597	36,8067234	54,1652092	60,1825265
17	5,90450019	8,88728905	18,6485311	27,5237621	36,8575399	54,2339388	60,2569545
18	5,91854818	8,90541481	18,6789389	27,5640038	36,9084032	54,3027265	60,3314439
19	5,93261845	8,92356519	18,7093798	27,6042847	36,9593132	54,3715723	60,4059945
20	5,94671099	8,94174022	18,7398536	27,6446048	37,01027	54,4404763	60,4806066
21	5,96082584	8,95993991	18,7703606	27,6849641	37,0612736	54,5094385	60,5552801
22	5,974963	8,97816427	18,8009007	27,7253627	37,1123241	54,5784589	60,6300151
23	5,9891225	8,99641334	18,8314738	27,7658006	37,1634214	54,6475375	60,7048115
24	6,00330435	9,01468711	18,8620801	27,8062778	37,2145657	54,7166744	60,7796694
25	6,01750857	9,03298562	18,8927195	27,8467943	37,2657568	54,7858696	60,8545888
26	6,03173518	9,05130887	18,9233921	27,8873501	37,3169948	54,8551231	60,9295697
27	6,04598419	9,06965688	18,9540979	27,9279453	37,3682798	54,924435	61,0046122
28	6,06025563	9,08802967	18,9848369	27,9685799	37,4196117	54,9938052	61,0797163
29	6,0745495	9,10642725	19,015609	28,0092539	37,4709907	55,0632338	61,1548821
30	6,08886584	9,12484965	19,0464145	28,0499673	37,5224166	55,1327208	61,2301094
31	6,10320465	9,14329688	19,0772531	28,0907201	37,5738896	55,2022662	61,3053985
32	6,11756595	9,16176895	19,1081251	28,1315123	37,6254096	55,2718701	61,3807492
33	6,13194977	9,18026589	19,1390303	28,1723441	37,6769767	55,3415325	61,4561616
34	6,14635611	9,1987877	19,1699688	28,2132153	37,7285909	55,4112534	61,5316358
35	6,160785	9,21733441	19,2009407	28,2541261	37,7802522	55,4810328	61,6071718
36	6,17523646	9,23590604	19,2319459	28,2950764	37,8319606	55,5508708	61,6827695
37	6,1897105	9,25450259	19,2629845	28,3360662	37,8837162	55,6207673	61,7584291

38	6,20420713	9,27312409	19,2940564	28,3770956	37,935519	55,6907225	61,8341505
39	6,21872638	9,29177055	19,3251617	28,4181646	37,987369	55,7607363	61,9099337
40	6,23326827	9,31044199	19,3563005	28,4592731	38,0392662	55,8308088	61,9857789
41	6,24783281	9,32913843	19,3874727	28,5004213	38,0912107	55,9009399	62,061686
42	6,26242002	9,34785988	19,4186783	28,5416092	38,1432024	55,9711297	62,137655
43	6,27702992	9,36660636	19,4499174	28,5828367	38,1952414	56,0413783	62,213686
44	6,29166252	9,38537789	19,48119	28,6241039	38,2473277	56,1116856	62,289779
45	6,30631785	9,40417448	19,5124961	28,6654108	38,2994614	56,1820517	62,365934
46	6,32099591	9,42299615	19,5438357	28,7067574	38,3516424	56,2524766	62,4421511
47	6,33569673	9,44184292	19,5752088	28,7481438	38,4038708	56,3229604	62,5184302
48	6,35042033	9,4607148	19,6066155	28,7895699	38,4561466	56,393503	62,5947715
49	6,36516673	9,47961181	19,6380558	28,8310358	38,5084698	56,4641044	62,6711748
50	6,37993593	9,49853396	19,6695297	28,8725415	38,5608404	56,5347648	62,7476403
51	6,39472796	9,51748128	19,7010371	28,914087	38,6132585	56,6054841	62,824168
52	6,40954284	9,53645378	19,7325782	28,9556724	38,6657241	56,6762623	62,9007579
53	6,42438058	9,55545148	19,764153	28,9972976	38,7182372	56,7470995	62,97741
54	6,4392412	9,57447439	19,7957614	29,0389626	38,7707978	56,8179957	63,0541243
55	6,45412472	9,59352253	19,8274035	29,0806676	38,8234059	56,888951	63,1309009
56	6,46903116	9,61259592	19,8590793	29,1224125	38,8760616	56,9599653	63,2077398
57	6,48396053	9,63169457	19,8907888	29,1641973	38,9287649	57,0310386	63,2846411
58	6,49891286	9,65081851	19,9225321	29,206022	38,9815159	57,1021711	63,3616046
59	6,51388815	9,66996774	19,9543091	29,2478868	39,0343144	57,1733627	63,4386306
60	6,52888643	9,68914228	19,9861199	29,2897915	39,0871606	57,2446134	63,515719
61	6,54390772	9,70834215	20,0179645	29,3317362	39,1400545	57,3159233	63,5928697
62	6,55895203	9,72756738	20,0498429	29,3737209	39,1929961	57,3872924	63,670083
63	6,57401938	9,74681796	20,0817551	29,4157457	39,2459854	57,4587207	63,7473587
64	6,58910978	9,76609393	20,1137011	29,4578106	39,2990224	57,5302083	63,8246969
65	6,60422327	9,78539529	20,145681	29,4999155	39,3521072	57,6017551	63,9020976
66	6,61935984	9,80472207	20,1776948	29,5420605	39,4052398	57,6733612	63,9795609
67	6,63451953	9,82407428	20,2097425	29,5842457	39,4584202	57,7450267	64,0570868
68	6,64970234	9,84345194	20,2418241	29,626471	39,5116484	57,8167515	64,1346752
69	6,6649083	9,86285506	20,2739397	29,6687365	39,5649244	57,8885356	64,2123263
70	6,68013742	9,88228366	20,3060892	29,7110421	39,6182484	57,9603792	64,2900401
71	6,69538972	9,90173777	20,3382726	29,7533879	39,6716202	58,0322821	64,3678165
72	6,71066523	9,92121738	20,3704901	29,795774	39,7250399	58,1042445	64,4456556
73	6,72596394	9,94072253	20,4027415	29,8382003	39,7785076	58,1762664	64,5235574
74	6,7412859	9,96025322	20,435027	29,8806668	39,8320232	58,2483478	64,601522
75	6,7566311	9,97980948	20,4673465	29,9231736	39,8855868	58,3204887	64,6795494
76	6,77199958	9,99939132	20,4997001	29,9657207	39,9391984	58,3926891	64,7576396
77	6,78739134	10,0189988	20,5320878	30,0083082	39,992858	58,4649491	64,8357926
78	6,8028064	10,0386318	20,5645095	30,0509359	40,0465656	58,5372687	64,9140085
79	6,81824479	10,0582905	20,5969654	30,093604	40,1003214	58,6096478	64,9922872
80	6,83370651	10,0779748	20,6294554	30,1363125	40,1541252	58,6820867	65,0706289
81	6,8491916	10,0976848	20,6619795	30,1790613	40,2079771	58,7545852	65,1490335
82	6,86470006	10,1174205	20,6945378	30,2218506	40,2618771	58,8271433	65,227501
83	6,88023191	10,1371819	20,7271303	30,2646803	40,3158253	58,8997612	65,3060315

84	6,89578717	10,156969	20,759757	30,3075504	40,3698216	58,9724388	65,3846251
85	6,91136586	10,1767818	20,7924179	30,3504611	40,4238662	59,0451762	65,4632816
86	6,926968	10,1966204	20,8251131	30,3934121	40,4779589	59,1179734	65,5420012
87	6,94259359	10,2164847	20,8578425	30,4364037	40,5320999	59,1908304	65,6207839
88	6,95824267	10,2363749	20,8906062	30,4794358	40,5862891	59,2637472	65,6996297
89	6,97391525	10,2562908	20,9234042	30,5225085	40,6405266	59,3367239	65,7785386
90	6,98961135	10,2762325	20,9562365	30,5656217	40,6948125	59,4097604	65,8575107
91	7,00533097	10,2962001	20,9891031	30,6087755	40,7491466	59,4828569	65,936546
92	7,02107415	10,3161935	21,0220041	30,6519699	40,8035291	59,5560133	66,0156445
93	7,0368409	10,3362128	21,0549394	30,6952049	40,8579599	59,6292297	66,0948062
94	7,05263123	10,356258	21,0879091	30,7384806	40,9124391	59,702506	66,1740312
95	7,06844517	10,376329	21,1209132	30,7817969	40,9669668	59,7758424	66,2533194
96	7,08428273	10,396426	21,1539517	30,8251538	41,0215428	59,8492387	66,332671
97	7,10014393	10,4165489	21,1870247	30,8685515	41,0761674	59,9226952	66,4120859
98	7,11602879	10,4366978	21,2201321	30,9119899	41,1308403	59,9962117	66,4915641
99	7,13193732	10,4568726	21,253274	30,955469	41,1855618	60,0697883	66,5711058
100	7,14786954	10,4770734	21,2864504	30,9989889	41,2403318	60,1434251	66,6507108
101	7,16382548	10,4973002	21,3196613	31,0425495	41,2951503	60,217122	66,7303793
102	7,17980514	10,5175531	21,3529067	31,0861509	41,3500174	60,290879	66,8101113
103	7,19580855	10,5378319	21,3861867	31,1297932	41,4049331	60,3646963	66,8899067
104	7,21183572	10,5581368	21,4195012	31,1734762	41,4598973	60,4385738	66,9697657
105	7,22788667	10,5784678	21,4528503	31,2172001	41,5149102	60,5125116	67,0496881
106	7,24396141	10,5988249	21,486234	31,2609649	41,5699717	60,5865096	67,1296742
107	7,26005998	10,619208	21,5196523	31,3047706	41,6250819	60,660568	67,2097238
108	7,27618237	10,6396173	21,5531052	31,3486171	41,6802408	60,7346867	67,2898371
109	7,29232862	10,6600527	21,5865928	31,3925046	41,7354483	60,8088657	67,3700139
110	7,30849874	10,6805143	21,6201151	31,4364331	41,7907046	60,8831051	67,4502545
111	7,32469274	10,701002	21,653672	31,4804025	41,8460097	60,9574049	67,5305587
112	7,34091065	10,7215159	21,6872637	31,5244128	41,9013635	61,0317651	67,6109267
113	7,35715248	10,742056	21,7208901	31,5684642	41,9567661	61,1061857	67,6913583
114	7,37341824	10,7626224	21,7545512	31,6125566	42,0122176	61,1806669	67,7718538
115	7,38970797	10,7832149	21,7882471	31,65669	42,0677179	61,2552085	67,852413
116	7,40602167	10,8038337	21,8219777	31,7008645	42,123267	61,3298107	67,9330361
117	7,42235936	10,8244788	21,8557432	31,74508	42,178865	61,4044734	68,013723
118	7,43872106	10,8451502	21,8895434	31,7893367	42,2345119	61,4791967	68,0944737
119	7,45510679	10,8658479	21,9233785	31,8336345	42,2902077	61,5539805	68,1752884
120	7,47151656	10,8865718	21,9572485	31,8779734	42,3459525	61,628825	68,2561669
121	7,48795039	10,9073221	21,9911533	31,9223534	42,4017462	61,7037302	68,3371094
122	7,50440831	10,9280988	22,025093	31,9667746	42,457589	61,778696	68,4181159
123	7,52089032	10,9489018	22,0590676	32,011237	42,5134807	61,8537225	68,4991863
124	7,53739645	10,9697313	22,0930771	32,0557407	42,5694215	61,9288097	68,5803208
125	7,55392671	10,9905871	22,1271215	32,1002855	42,6254113	62,0039577	68,6615193
126	7,57048112	11,0114693	22,1612009	32,1448716	42,6814502	62,0791664	68,7427819
127	7,5870597	11,032378	22,1953153	32,189499	42,7375381	62,1544359	68,8241086
128	7,60366247	11,0533131	22,2294647	32,2341676	42,7936752	62,2297663	68,9054994
129	7,62028944	11,0742747	22,2636491	32,2788776	42,8498615	62,3051575	68,9869543

130	7,63694063	11,0952628	22,2978685	32,3236289	42,9060969	62,3806095	69,0684734
131	7,65361606	11,1162773	22,332123	32,3684215	42,9623814	62,4561225	69,1500567
132	7,67031575	11,1373184	22,3664125	32,4132555	43,0187152	62,5316963	69,2317042
133	7,68703971	11,1583861	22,4007371	32,4581308	43,0750982	62,6073311	69,313416
134	7,70378796	11,1794802	22,4350968	32,5030476	43,1315305	62,6830269	69,395192
135	7,72056052	11,200601	22,4694916	32,5480058	43,188012	62,7587836	69,4770323
136	7,73735741	11,2217483	22,5039216	32,5930054	43,2445428	62,8346014	69,558937
137	7,75417865	11,2429222	22,5383867	32,6380465	43,3011229	62,9104802	69,640906
138	7,77102424	11,2641228	22,5728869	32,683129	43,3577523	62,9864201	69,7229393
139	7,78789422	11,28535	22,6074224	32,7282531	43,4144311	63,062421	69,8050371
140	7,80478859	11,3066038	22,6419931	32,7734186	43,4711592	63,1384831	69,8871993
141	7,82170738	11,3278843	22,676599	32,8186257	43,5279368	63,2146063	69,9694259
142	7,8386506	11,3491915	22,7112401	32,8638744	43,5847638	63,2907907	70,051717
143	7,85561827	11,3705254	22,7459165	32,9091646	43,6416402	63,3670362	70,1340726
144	7,87261041	11,391886	22,7806282	32,9544964	43,698566	63,443343	70,2164927
145	7,88962703	11,4132733	22,8153752	32,9998698	43,7555414	63,519711	70,2989773
146	7,90666816	11,4346874	22,8501575	33,0452849	43,8125663	63,5961402	70,3815265
147	7,92373381	11,4561283	22,8849751	33,0907416	43,8696406	63,6726308	70,4641404
148	7,940824	11,477596	22,9198281	33,13624	43,9267646	63,7491826	70,5468188
149	7,95793874	11,4990904	22,9547165	33,18178	43,983938	63,8257958	70,6295619
150	7,97507806	11,5206117	22,9896402	33,2273618	44,0411611	63,9024703	70,7123697
151	7,99224197	11,5421598	23,0245993	33,2729853	44,0984338	63,9792062	70,7952421
152	8,00943049	11,5637347	23,0595939	33,3186505	44,1557561	64,0560035	70,8781793
153	8,02664363	11,5853366	23,0946239	33,3643575	44,2131281	64,1328623	70,9611813
154	8,04388142	11,6069653	23,1296894	33,4101063	44,2705497	64,2097825	71,044248
155	8,06114387	11,6286209	23,1647903	33,4558968	44,3280211	64,2867642	71,1273795
156	8,078431	11,6503034	23,1999267	33,5017292	44,3855421	64,3638074	71,2105758
157	8,09574283	11,6720129	23,2350987	33,5476035	44,4431129	64,4409121	71,293837
158	8,11307937	11,6937493	23,2703061	33,5935196	44,5007335	64,5180784	71,3771631
159	8,13044065	11,7155127	23,3055492	33,6394775	44,5584038	64,5953063	71,4605541
160	8,14782667	11,7373031	23,3408277	33,6854774	44,616124	64,6725957	71,54401
161	8,16523747	11,7591205	23,3761419	33,7315192	44,673894	64,7499468	71,6275308
162	8,18267304	11,7809649	23,4114917	33,7776029	44,7317138	64,8273595	71,7111166
163	8,20013342	11,8028363	23,4468771	33,8237286	44,7895835	64,904834	71,7947674
164	8,21761863	11,8247348	23,4822981	33,8698962	44,847503	64,9823701	71,8784833
165	8,23512867	11,8466604	23,5177548	33,9161059	44,9054725	65,0599679	71,9622642
166	8,25266356	11,868613	23,5532472	33,9623575	44,9634919	65,1376275	72,0461102
167	8,27022333	11,8905928	23,5887752	34,0086512	45,0215613	65,2153489	72,1300213
168	8,28780799	11,9125996	23,624339	34,0549869	45,0796806	65,293132	72,2139975
169	8,30541756	11,9346336	23,6599384	34,1013647	45,13785	65,370977	72,2980388
170	8,32305206	11,9566948	23,6955737	34,1477846	45,1960693	65,4488839	72,3821454
171	8,34071115	11,9787831	23,7312447	34,1942466	45,2543387	65,5268526	72,4663171
172	8,3583959	12,0008986	23,7669515	34,2407507	45,3126582	65,6048832	72,5505541
173	8,37610528	12,0230414	23,802694	34,2872969	45,3710277	65,6829757	72,6348563
174	8,39383965	12,0452113	23,8384724	34,3338854	45,4294474	65,7611302	72,7192238
175	8,41159905	12,0674085	23,8742866	34,380516	45,4879172	65,8393467	72,8036566

176	8,42938347	12,0896329	23,9101367	34,4271888	45,5464371	65,9176251	72,8881548
177	8,44719294	12,1118846	23,9460227	34,4739038	45,6050072	65,9959656	72,9727183
178	8,46502749	12,1341636	23,9819445	34,5206611	45,6636275	66,0743681	73,0573472
179	8,48288711	12,1564699	24,0179023	34,5674606	45,722298	66,1528327	73,1420414
180	8,50077184	12,1788035	24,0538959	34,6143024	45,7810187	66,2313594	73,2268012
181	8,51868169	12,2011644	24,0899255	34,6611865	45,8397897	66,3099482	73,3116263
182	8,53661668	12,2235527	24,1259911	34,7081129	45,8986109	66,3885991	73,396517
183	8,55457682	12,2459684	24,1620927	34,7550817	45,9574825	66,4673122	73,4814731
184	8,57256213	12,2684115	24,1982302	34,8020928	46,0164044	66,5460875	73,5664948
185	8,59057264	12,2908819	24,2344038	34,8491462	46,0753766	66,624925	73,6515821
186	8,60860836	12,3133798	24,2706134	34,8962421	46,1343991	66,7038248	73,7367349
187	8,6266693	12,3359052	24,306859	34,9433804	46,1934721	66,7827868	73,8219534
188	8,64475548	12,3584579	24,3431407	34,9905611	46,2525955	66,8618111	73,9072374
189	8,66286693	12,3810382	24,3794585	35,0377843	46,3117693	66,9408978	73,9925872
190	8,68100365	12,4036459	24,4158124	35,0850499	46,3709935	67,0200467	74,0780026
191	8,69916568	12,4262812	24,4522025	35,132358	46,4302682	67,0992581	74,1634837
192	8,71735301	12,4489439	24,4886286	35,1797087	46,4895934	67,1785318	74,2490306
193	8,73556568	12,4716342	24,525091	35,2271018	46,5489691	67,2578679	74,3346432
194	8,7538037	12,4943521	24,5615895	35,2745375	46,6083954	67,3372665	74,4203216
195	8,77206708	12,5170975	24,5981242	35,3220158	46,6678722	67,4167275	74,5060658
196	8,79035585	12,5398705	24,6346951	35,3695366	46,7273996	67,4962511	74,5918759
197	8,80867002	12,5626711	24,6713022	35,4171001	46,7869776	67,5758371	74,6777518
198	8,82700961	12,5854994	24,7079456	35,4647062	46,8466062	67,6554857	74,7636936
199	8,84537464	12,6083552	24,7446252	35,5123549	46,9062854	67,7351968	74,8497013
200	8,86376513	12,6312388	24,7813411	35,5600463	46,9660153	67,8149705	74,935775
201	8,88218108	12,65415	24,8180934	35,6077803	47,0257959	67,8948069	75,0219146
202	8,90062253	12,6770889	24,8548819	35,6555571	47,0856272	67,9747058	75,1081202
203	8,91908949	12,7000554	24,8917068	35,7033765	47,1455092	68,0546674	75,1943918
204	8,93758197	12,7230498	24,9285681	35,7512388	47,205442	68,1346918	75,2807294
205	8,95609999	12,7460718	24,9654657	35,7991437	47,2654255	68,2147788	75,3671331
206	8,97464358	12,7691216	25,0023997	35,8470915	47,3254599	68,2949285	75,4536029
207	8,99321274	12,7921992	25,0393701	35,895082	47,385545	68,375141	75,5401388
208	9,0118075	12,8153046	25,0763769	35,9431153	47,445681	68,4554163	75,6267409
209	9,03042788	12,8384378	25,1134202	35,9911915	47,5058679	68,5357544	75,7134091
210	9,04907389	12,8615988	25,1505	36,0393105	47,5661056	68,6161553	75,8001435
211	9,06774554	12,8847876	25,1876162	36,0874724	47,6263942	68,6966191	75,8869441
212	9,08644286	12,9080043	25,2247689	36,1356772	47,6867337	68,7771458	75,973811
213	9,10516587	12,9312489	25,2619582	36,1839249	47,7471242	68,8577353	76,0607441
214	9,12391458	12,9545213	25,299184	36,2322155	47,8075657	68,9383878	76,1477435
215	9,14268901	12,9778217	25,3364463	36,2805491	47,8680581	69,0191033	76,2348092
216	9,16148917	13,00115	25,3737452	36,3289256	47,9286016	69,0998817	76,3219413
217	9,18031509	13,0245062	25,4110807	36,3773451	47,989196	69,1807231	76,4091397
218	9,19916679	13,0478904	25,4484528	36,4258076	48,0498415	69,2616276	76,4964046
219	9,21804427	13,0713025	25,4858615	36,4743132	48,1105381	69,3425951	76,5837358
220	9,23694756	13,0947426	25,5233069	36,5228618	48,1712858	69,4236257	76,6711335
221	9,25587668	13,1182108	25,5607889	36,5714534	48,2320846	69,5047194	76,7585976

222	9,27483164	13,141707	25,5983076	36,6200881	48,2929346	69,5858762	76,8461283
223	9,29381246	13,1652312	25,635863	36,668766	48,3538357	69,6670962	76,9337254
224	9,31281916	13,1887834	25,6734551	36,7174869	48,4147879	69,7483793	77,0213892
225	9,33185175	13,2123638	25,7111084	36,766251	48,4757914	69,8297256	77,1091194
226	9,35091026	13,2359722	25,7487496	36,8150582	48,5368461	69,9111352	77,1969163
227	9,3699947	13,2596087	25,7864519	36,8639086	48,597952	69,992608	77,2847798
228	9,38910509	13,2832734	25,8241911	36,9128022	48,6591092	70,0741441	77,3727099
229	9,40824145	13,3069662	25,861967	36,961739	48,7203177	70,1557435	77,4607067
230	9,42740379	13,3306871	25,8997798	37,0107191	48,7815775	70,2374062	77,5487702
231	9,44659213	13,3544363	25,9376294	37,0597424	48,8428887	70,3191322	77,6369004
232	9,46580649	13,3782136	25,9755159	37,108809	48,9042511	70,4009216	77,7250974
233	9,48504689	13,4020191	26,0134392	37,1579188	48,965665	70,4827745	77,8133611
234	9,50431334	13,4258528	26,0513995	37,207072	49,0271302	70,5646907	77,9016916
235	9,52360586	13,4497148	26,0893966	37,2562685	49,0886469	70,6466704	77,990089
236	9,54292448	13,4736051	26,1274307	37,3055084	49,150215	70,7287135	78,0785531
237	9,5622692	13,4975236	26,1655017	37,3547916	49,2118346	70,8108202	78,1670842
238	9,58164005	13,5214704	26,2036097	37,4041182	49,2735056	70,8929903	78,2556822
239	9,60103703	13,5454455	26,2417547	37,4534882	49,3352281	70,975224	78,344347
240	9,62046019	13,5694489	26,2799366	37,5029016	49,3970022	71,0575213	78,4330789
241	9,63990951	13,5934807	26,3181556	37,5523585	49,4588278	71,1398822	78,5218777
242	9,65938504	13,6175408	26,3564117	37,6018588	49,520705	71,2223067	78,6107435
243	9,67888677	13,6416293	26,3947047	37,6514026	49,5826337	71,3047948	78,6996763
244	9,69841474	13,6657462	26,4330349	37,7009899	49,6446141	71,3873466	78,7886762
245	9,71796896	13,6898915	26,4714021	37,7506207	49,7066461	71,4699621	78,8777431
246	9,73754944	13,7140653	26,5098065	37,8002951	49,7687298	71,5526413	78,9668771
247	9,75715621	13,7382674	26,548248	37,850013	49,8308651	71,6353842	79,0560783
248	9,77678928	13,7624981	26,5867266	37,8997745	49,8930521	71,7181909	79,1453466
249	9,79644866	13,7867572	26,6252424	37,9495796	49,9552908	71,8010614	79,2346821
250	9,81613439	13,8110448	26,6637954	37,9994283	50,0175813	71,8839957	79,3240848
251	9,83584647	13,8353609	26,7023855	38,0493207	50,0799236	71,9669939	79,4135547
252	9,85558492	13,8597055	26,7410129	38,0992567	50,1423176	72,0500559	79,5030919
253	9,87534976	13,8840787	26,7796775	38,1492364	50,2047634	72,1331818	79,5926963
254	9,895141	13,9084804	26,8183794	38,1992597	50,267261	72,2163716	79,6823681
255	9,91495868	13,9329107	26,8571185	38,2493268	50,3298105	72,2996253	79,7721071
256	9,93480279	13,9573696	26,895895	38,2994376	50,3924119	72,382943	79,8619135
257	9,95467337	13,9818571	26,9347087	38,3495921	50,4550651	72,4663247	79,9517873
258	9,97457042	14,0063732	26,9735597	38,3997904	50,5177703	72,5497704	80,0417285
259	9,99449397	14,0309179	27,0124481	38,4500325	50,5805274	72,6332801	80,1317372
260	10,014444	14,0554914	27,0513739	38,5003184	50,6433364	72,7168539	80,2218132
261	10,0344206	14,0800935	27,090337	38,5506482	50,7061974	72,8004918	80,3119568
262	10,0544238	14,1047242	27,1293376	38,6010217	50,7691104	72,8841938	80,4021678
263	10,0744535	14,1293837	27,1683755	38,6514392	50,8320754	72,9679599	80,4924464
264	10,0945098	14,154072	27,2074509	38,7019005	50,8950925	73,0517901	80,5827926
265	10,1145926	14,1787889	27,2465637	38,7524057	50,9581616	73,1356846	80,6732063
266	10,1347022	14,2035346	27,285714	38,8029548	51,0212828	73,2196433	80,7636876
267	10,1548383	14,2283091	27,3249018	38,8535479	51,0844561	73,3036661	80,8542366

268	10,1750011	14,2531124	27,3641271	38,904185	51,1476816	73,3877533	80,9448532
269	10,1951906	14,2779445	27,4033899	38,954866	51,2109592	73,4719047	81,0355374
270	10,2154067	14,3028054	27,4426902	39,005591	51,2742889	73,5561205	81,1262894
271	10,2356496	14,3276952	27,4820281	39,05636	51,3376708	73,6404005	81,2171092
272	10,2559192	14,3526138	27,5214036	39,1071731	51,401105	73,7247449	81,3079966
273	10,2762155	14,3775613	27,5608166	39,1580302	51,4645914	73,8091537	81,3989519
274	10,2965386	14,4025377	27,6002673	39,2089313	51,52813	73,8936269	81,4899749
275	10,3168885	14,427543	27,6397556	39,2598766	51,5917209	73,9781645	81,5810658
276	10,3372652	14,4525772	27,6792815	39,310866	51,6553641	74,0627666	81,6722246
277	10,3576686	14,4776404	27,7188452	39,3618995	51,7190597	74,1474332	81,7634512
278	10,3780989	14,5027325	27,7584465	39,4129772	51,7828075	74,2321642	81,8547458
279	10,3985561	14,5278536	27,7980855	39,464099	51,8466077	74,3169598	81,9461082
280	10,4190401	14,5530037	27,8377622	39,515265	51,9104604	74,4018199	82,0375387
281	10,439551	14,5781828	27,8774766	39,5664752	51,9743654	74,4867446	82,1290371
282	10,4600888	14,603391	27,9172288	39,6177297	52,0383228	74,5717339	82,2206035
283	10,4806536	14,6286281	27,9570188	39,6690284	52,1023327	74,6567878	82,312238
284	10,5012452	14,6538944	27,9968466	39,7203713	52,1663951	74,7419064	82,4039405
285	10,5218638	14,6791897	28,0367121	39,7717586	52,2305099	74,8270897	82,4957111
286	10,5425094	14,7045141	28,0766155	39,8231901	52,2946773	74,9123376	82,5875498
287	10,563182	14,7298676	28,1165568	39,874666	52,3588972	74,9976503	82,6794566
288	10,5838816	14,7552502	28,1565359	39,9261862	52,4231696	75,0830277	82,7714316
289	10,6046082	14,780662	28,1965529	39,9777508	52,4874946	75,1684699	82,8634748
290	10,6253618	14,8061029	28,2366078	40,0293597	52,5518723	75,2539769	82,9555862
291	10,6461425	14,831573	28,2767006	40,081013	52,6163025	75,3395487	83,0477658
292	10,6669503	14,8570723	28,3168313	40,1327108	52,6807854	75,4251853	83,1400137
293	10,6877852	14,8826009	28,357	40,184453	52,7453209	75,5108868	83,2323299
294	10,7086472	14,9081586	28,3972066	40,2362396	52,8099091	75,5966532	83,3247144
295	10,7295363	14,9337456	28,4374513	40,2880707	52,8745501	75,6824846	83,4171672
296	10,7504526	14,9593618	28,4777339	40,3399463	52,9392437	75,7683808	83,5096884
297	10,771396	14,9850074	28,5180546	40,3918664	53,0039901	75,8543421	83,602278
298	10,7923666	15,0106822	28,5584133	40,4438311	53,0687893	75,9403683	83,694936
299	10,8133645	15,0363863	28,5988101	40,4958403	53,1336413	76,0264596	83,7876624
300	10,8343895	15,0621198	28,6392449	40,547894	53,1985461	76,1126158	83,8804573
301	10,8554418	15,0878826	28,6797179	40,5999924	53,2635037	76,1988372	83,9733207
302	10,8765213	15,1136747	28,7202289	40,6521354	53,3285142	76,2851236	84,0662526
303	10,8976281	15,1394963	28,7607781	40,7043229	53,3935775	76,3714752	84,159253
304	10,9187622	15,1653472	28,8013655	40,7565552	53,4586938	76,4578919	84,252322
305	10,9399236	15,1912275	28,841991	40,8088321	53,5238629	76,5443738	84,3454596
306	10,9611123	15,2171373	28,8826546	40,8611537	53,589085	76,6309208	84,4386658
307	10,9823283	15,2430765	28,9233565	40,9135199	53,6543601	76,7175331	84,5319407
308	11,0035718	15,2690452	28,9640966	40,9659309	53,7196882	76,8042106	84,6252842
309	11,0248426	15,2950433	29,004875	41,0183867	53,7850692	76,8909534	84,7186964
310	11,0461407	15,321071	29,0456916	41,0708872	53,8505033	76,9777614	84,8121773
311	11,0674663	15,3471281	29,0865465	41,1234325	53,9159905	77,0646348	84,9057269
312	11,0888194	15,3732148	29,1274397	41,1760226	53,9815307	77,1515735	84,9993453
313	11,1101998	15,399331	29,1683711	41,2286575	54,047124	77,2385776	85,0930325

314	11,1316078	15,4254768	29,2093409	41,2813372	54,1127704	77,325647	85,1867886
315	11,1530432	15,4516522	29,2503491	41,3340618	54,17847	77,4127819	85,2806134
316	11,1745061	15,4778571	29,2913956	41,3868312	54,2442227	77,4999822	85,3745072
317	11,1959966	15,5040917	29,3324805	41,4396456	54,3100286	77,5872479	85,4684698
318	11,2175146	15,5303559	29,3736038	41,4925049	54,3758876	77,6745791	85,5625014
319	11,2390601	15,5566498	29,4147655	41,5454091	54,4418	77,7619759	85,6566018
320	11,2606332	15,5829733	29,4559657	41,5983582	54,5077655	77,8494382	85,7507713
321	11,2822339	15,6093264	29,4972043	41,6513523	54,5737843	77,936966	85,8450098
322	11,3038622	15,6357093	29,5384814	41,7043914	54,6398564	78,0245594	85,9393172
323	11,3255181	15,6621219	29,579797	41,7574756	54,7059818	78,1122184	86,0336937
324	11,3472017	15,6885642	29,621151	41,8106047	54,7721606	78,1999431	86,1281393
325	11,3689129	15,7150363	29,6625436	41,8637789	54,8383927	78,2877334	86,222654
326	11,3906518	15,7415381	29,7039748	41,9169981	54,9046781	78,3755894	86,3172378
327	11,4124184	15,7680697	29,7454445	41,9702625	54,971017	78,4635111	86,4118907
328	11,4342127	15,7946311	29,7869528	42,0235719	55,0374092	78,5514985	86,5066129
329	11,4560347	15,8212223	29,8284997	42,0769265	55,1038549	78,6395517	86,6014042
330	11,4778845	15,8478434	29,8700852	42,1303262	55,1703541	78,7276706	86,6962647
331	11,499762	15,8744942	29,9117093	42,1837711	55,2369067	78,8158554	86,7911945
332	11,5216674	15,901175	29,9533721	42,2372611	55,3035129	78,904106	86,8861935
333	11,5436005	15,9278856	29,9950735	42,2907964	55,3701725	78,9924224	86,9812619
334	11,5655614	15,9546261	30,0368137	42,3443768	55,4368858	79,0808047	87,0763995
335	11,5875502	15,9813966	30,0785925	42,3980025	55,5036525	79,1692529	87,1716066
336	11,6095668	16,0081969	30,1204101	42,4516735	55,5704729	79,257767	87,2668829
337	11,6316113	16,0350272	30,1622664	42,5053897	55,6373469	79,3463471	87,3622287
338	11,6536837	16,0618875	30,2041615	42,5591512	55,7042744	79,4349932	87,4576439
339	11,675784	16,0887777	30,2460953	42,6129581	55,7712557	79,5237053	87,5531286
340	11,6979122	16,115698	30,2880679	42,6668102	55,8382906	79,6124833	87,6486827
341	11,7200684	16,1426482	30,3300794	42,7207077	55,9053792	79,7013275	87,7443064
342	11,7422525	16,1696285	30,3721297	42,7746506	55,9725216	79,7902377	87,8399995
343	11,7644646	16,1966388	30,4142188	42,8286389	56,0397176	79,879214	87,9357622
344	11,7867047	16,2236792	30,4563468	42,8826726	56,1069675	79,9682564	88,0315945
345	11,8089728	16,2507497	30,4985137	42,9367517	56,1742711	80,057365	88,1274964
346	11,8312689	16,2778503	30,5407195	42,9908763	56,2416285	80,1465397	88,2234679
347	11,8535931	16,304981	30,5829642	43,0450463	56,3090397	80,2357807	88,319509
348	11,8759454	16,3321418	30,6252478	43,0992618	56,3765048	80,3250878	88,4156199
349	11,8983257	16,3593327	30,6675704	43,1535229	56,4440237	80,4144612	88,5118004
350	11,9207341	16,3865538	30,709932	43,2078294	56,5115965	80,5039009	88,6080507
351	11,9431706	16,4138051	30,7523325	43,2621815	56,5792233	80,5934069	88,7043707
352	11,9656353	16,4410866	30,7947721	43,3165791	56,6469039	80,6829792	88,8007604
353	11,9881281	16,4683983	30,8372507	43,3710224	56,7146386	80,7726178	88,89722
354	12,0106491	16,4957403	30,8797684	43,4255112	56,7824272	80,8623228	88,9937494
355	12,0331983	16,5231125	30,9223251	43,4800456	56,8502697	80,9520942	89,0903487
356	12,0557757	16,5505149	30,9649208	43,5346257	56,9181663	81,041932	89,1870179
357	12,0783813	16,5779476	31,0075557	43,5892514	56,986117	81,1318362	89,2837569
358	12,1010152	16,6054107	31,0502297	43,6439229	57,0541217	81,221807	89,3805659
359	12,1236773	16,632904	31,0929429	43,69864	57,1221805	81,3118442	89,4774448

360	12,1463677	16,6604277	31,1356952	43,7534028	57,1902934	81,4019479	89,5743937
361	12,1690864	16,6879817	31,1784866	43,8082114	57,2584604	81,4921181	89,6714126
362	12,1918334	16,7155661	31,2213173	43,8630657	57,3266815	81,582355	89,7685016
363	12,2146087	16,7431808	31,2641872	43,9179657	57,3949568	81,6726584	89,8656606
364	12,2374123	16,770826	31,3070963	43,9729116	57,4632864	81,7630284	89,9628897
365	12,2602444	16,7985015	31,3500446	44,0279033	57,5316701	81,8534651	90,0601888
366	12,2831048	16,8262075	31,3930322	44,0829408	57,600108	81,9439684	90,1575582
367	12,3059936	16,853944	31,436059	44,1380242	57,6686002	82,0345384	90,2549976
368	12,3289108	16,8817109	31,4791252	44,1931534	57,7371467	82,1251751	90,3525073
369	12,3518565	16,9095083	31,5222307	44,2483285	57,8057475	82,2158786	90,4500871
370	12,3748306	16,9373362	31,5653755	44,3035495	57,8744026	82,3066488	90,5477372
371	12,3978332	16,9651946	31,6085597	44,3588164	57,943112	82,3974858	90,6454576
372	12,4208643	16,9930835	31,6517832	44,4141293	58,0118758	82,4883896	90,7432482
373	12,4439239	17,021003	31,6950461	44,4694882	58,080694	82,5793603	90,8411091
374	12,467012	17,0489531	31,7383485	44,524893	58,1495666	82,6703978	90,9390404
375	12,4901286	17,0769337	31,7816902	44,5803438	58,2184936	82,7615022	91,037042
376	12,5132738	17,1049449	31,8250714	44,6358407	58,287475	82,8526735	91,135114
377	12,5364476	17,1329867	31,868492	44,6913836	58,3565109	82,9439117	91,2332565
378	12,5596499	17,1610592	31,9119522	44,7469725	58,4256013	83,0352169	91,3314693
379	12,5828809	17,1891623	31,9554518	44,8026075	58,4947463	83,1265891	91,4297526
380	12,6061405	17,2172961	31,9989909	44,8582886	58,5639457	83,2180282	91,5281064
381	12,6294288	17,2454606	32,0425695	44,9140159	58,6331997	83,3095345	91,6265307
382	12,6527457	17,2736557	32,0861878	44,9697892	58,7025083	83,4011077	91,7250256
383	12,6760913	17,3018816	32,1298455	45,0256087	58,7718715	83,4927481	91,823591
384	12,6994656	17,3301382	32,1735429	45,0814744	58,8412893	83,5844555	91,9222269
385	12,7228686	17,3584256	32,2172798	45,1373863	58,9107617	83,6762301	92,0209335
386	12,7463004	17,3867437	32,2610564	45,1933444	58,9802888	83,7680718	92,1197108
387	12,7697609	17,4150926	32,3048726	45,2493487	59,0498706	83,8599807	92,2185587
388	12,7932501	17,4434723	32,3487285	45,3053993	59,1195071	83,9519568	92,3174772
389	12,8167682	17,4718828	32,392624	45,3614961	59,1891983	84,0440002	92,4164665
390	12,8403151	17,5003242	32,4365593	45,4176392	59,2589442	84,1361108	92,5155266
391	12,8638908	17,5287964	32,4805342	45,4738287	59,328745	84,2282886	92,6146573
392	12,8874953	17,5572994	32,5245489	45,5300644	59,3986005	84,3205338	92,7138589
393	12,9111287	17,5858334	32,5686033	45,5863465	59,4685108	84,4128463	92,8131313
394	12,9347909	17,6143982	32,6126975	45,642675	59,538476	84,5052261	92,9124745
395	12,9584821	17,642994	32,6568314	45,6990498	59,608496	84,5976734	93,0118886
396	12,9822021	17,6716206	32,7010052	45,7554711	59,6785709	84,690188	93,1113736
397	13,0059511	17,7002783	32,7452188	45,8119387	59,7487007	84,78277	93,2109295
398	13,0297291	17,7289669	32,7894722	45,8684528	59,8188854	84,8754195	93,3105563
399	13,053536	17,7576865	32,8337654	45,9250134	59,889125	84,9681365	93,4102541
400	13,0773718	17,7864371	32,8780986	45,9816204	59,9594196	85,0609209	93,5100229
401	13,1012367	17,8152187	32,9224716	46,038274	60,0297692	85,1537729	93,6098627
402	13,1251306	17,8440313	32,9668845	46,094974	60,1001738	85,2466924	93,7097735
403	13,1490536	17,872875	33,0113374	46,1517206	60,1706335	85,3396795	93,8097555
404	13,1730055	17,9017497	33,0558302	46,2085137	60,2411481	85,4327342	93,9098084
405	13,1969866	17,9306556	33,1003629	46,2653535	60,3117179	85,5258565	94,0099326

406	13,2209967	17,9595925	33,1449357	46,3222398	60,3823427	85,6190465	94,1101278
407	13,245036	17,9885605	33,1895484	46,3791727	60,4530227	85,7123041	94,2103942
408	13,2691043	18,0175597	33,2342011	46,4361522	60,5237578	85,8056294	94,3107318
409	13,2932018	18,04659	33,2788939	46,4931784	60,594548	85,8990225	94,4111407
410	13,3173285	18,0756515	33,3236267	46,5502513	60,6653934	85,9924833	94,5116207
411	13,3414843	18,1047442	33,3683996	46,6073708	60,736294	86,0860118	94,6121721
412	13,3656694	18,1338681	33,4132126	46,6645371	60,8072499	86,1796082	94,7127947
413	13,3898836	18,1630232	33,4580657	46,7217501	60,8782609	86,2732723	94,8134887
414	13,4141271	18,1922095	33,5029589	46,7790098	60,9493273	86,3670043	94,914254
415	13,4383998	18,2214271	33,5478923	46,8363163	61,0204489	86,4608042	95,0150906
416	13,4627018	18,2506759	33,5928658	46,8936696	61,0916259	86,554672	95,1159987
417	13,487033	18,279956	33,6378795	46,9510697	61,1628581	86,6486076	95,2169781
418	13,5113936	18,3092675	33,6829333	47,0085166	61,2341457	86,7426112	95,3180291
419	13,5357834	18,3386102	33,7280274	47,0660103	61,3054887	86,8366828	95,4191514
420	13,5602026	18,3679843	33,7731617	47,1235509	61,3768871	86,9308224	95,5203453
421	13,5846512	18,3973897	33,8183363	47,1811384	61,4483409	87,02503	95,6216107
422	13,6091291	18,4268265	33,8635511	47,2387727	61,5198501	87,1193056	95,7229477
423	13,6336364	18,4562947	33,9088062	47,296454	61,5914148	87,2136493	95,8243562
424	13,6581732	18,4857943	33,9541016	47,3541823	61,6630349	87,308061	95,9258363
425	13,6827393	18,5153253	33,9994374	47,4119574	61,7347106	87,4025409	96,027388
426	13,7073349	18,5448877	34,0448134	47,4697796	61,8064418	87,4970889	96,1290114
427	13,7319599	18,5744816	34,0902299	47,5276488	61,8782285	87,5917051	96,2307065
428	13,7566144	18,6041069	34,1356867	47,5855649	61,9500708	87,6863894	96,3324732
429	13,7812984	18,6337637	34,1811838	47,6435281	62,0219686	87,781142	96,4343117
430	13,8060119	18,6634521	34,2267214	47,7015384	62,0939221	87,8759628	96,5362219
431	13,830755	18,6931719	34,2722995	47,7595957	62,1659312	87,9708519	96,6382039
432	13,8555275	18,7229233	34,3179179	47,8177001	62,237996	88,0658092	96,7402577
433	13,8803297	18,7527062	34,3635769	47,8758516	62,3101164	88,1608349	96,8423833
434	13,9051614	18,7825207	34,4092763	47,9340502	62,3822925	88,2559288	96,9445808
435	13,9300227	18,8123668	34,4550162	47,992296	62,4545244	88,3510912	97,0468501
436	13,9549137	18,8422445	34,5007966	48,0505889	62,5268119	88,4463219	97,1491914
437	13,9798343	18,8721538	34,5466176	48,1089291	62,5991553	88,541621	97,2516045
438	14,0047845	18,9020947	34,5924791	48,1673164	62,6715544	88,6369886	97,3540896
439	14,0297644	18,9320673	34,6383812	48,2257509	62,7440093	88,7324246	97,4566467
440	14,054774	18,9620716	34,6843238	48,2842327	62,81652	88,8279291	97,5592758
441	14,0798132	18,9921075	34,7303071	48,3427618	62,8890866	88,9235021	97,6619769
442	14,1048822	19,0221751	34,776331	48,4013381	62,961709	89,0191436	97,7647501
443	14,129981	19,0522745	34,8223956	48,4599618	63,0343874	89,1148537	97,8675953
444	14,1551095	19,0824056	34,8685008	48,5186327	63,1071216	89,2106324	97,9705126
445	14,1802678	19,1125684	34,9146466	48,577351	63,1799118	89,3064796	98,0735021
446	14,2054558	19,142763	34,9608332	48,6361166	63,2527579	89,4023955	98,1765637
447	14,2306737	19,1729894	35,0070605	48,6949297	63,32566	89,4983801	98,2796975
448	14,2559214	19,2032476	35,0533285	48,7537901	63,3986181	89,5944333	98,3829035
449	14,281199	19,2335377	35,0996373	48,8126979	63,4716322	89,6905552	98,4861817
450	14,3065064	19,2638595	35,1459868	48,8716532	63,5447023	89,7867458	98,5895322
451	14,3318437	19,2942132	35,1923772	48,9306559	63,6178285	89,8830052	98,692955

452	14,3572109	19,3245988	35,2388083	48,989706	63,6910108	89,9793334	98,79645
453	14,382608	19,3550162	35,2852802	49,0488037	63,7642491	90,0757304	98,9000174
454	14,408035	19,3854656	35,331793	49,1079489	63,8375436	90,1721962	99,0036571
455	14,433492	19,4159469	35,3783467	49,1671416	63,9108943	90,2687308	99,1073693
456	14,458979	19,4464601	35,4249412	49,2263818	63,9843011	90,3653343	99,2111538
457	14,4844959	19,4770053	35,4715766	49,2856696	64,0577641	90,4620067	99,3150107
458	14,5100429	19,5075824	35,5182529	49,345005	64,1312833	90,5587481	99,4189401
459	14,5356198	19,5381915	35,5649702	49,404388	64,2048587	90,6555583	99,522942
460	14,5612268	19,5688326	35,6117284	49,4638187	64,2784904	90,7524376	99,6270164
461	14,5868639	19,5995058	35,6585276	49,5232969	64,3521784	90,8493858	99,7311634
462	14,612531	19,6302109	35,7053677	49,5828229	64,4259227	90,9464031	99,8353828
463	14,6382283	19,6609482	35,7522489	49,6423965	64,4997232	91,0434894	99,9396749
464	14,6639556	19,6917175	35,799171	49,7020178	64,5735801	91,1406448	100,04404
465	14,6897131	19,7225189	35,8461342	49,7616868	64,6474934	91,2378692	100,148477
466	14,7155007	19,7533523	35,8931385	49,8214036	64,7214631	91,3351628	100,252987
467	14,7413184	19,7842179	35,9401838	49,8811681	64,7954891	91,4325256	100,357569
468	14,7671664	19,8151157	35,9872703	49,9409804	64,8695716	91,5299575	100,462225
469	14,7930446	19,8460456	36,0343978	50,0008405	64,9437105	91,6274586	100,566953
470	14,8189529	19,8770076	36,0815664	50,0607484	65,0179059	91,7250289	100,671754
471	14,8448915	19,9080019	36,1287763	50,1207041	65,0921578	91,8226684	100,776627
472	14,8708604	19,9390283	36,1760272	50,1807077	65,1664662	91,9203772	100,881574
473	14,8968595	19,970087	36,2233194	50,2407592	65,2408311	92,0181553	100,986593
474	14,9228889	20,0011779	36,2706527	50,3008585	65,3152526	92,1160028	101,091685
475	14,9489486	20,0323011	36,3180273	50,3610058	65,3897306	92,2139195	101,19685
476	14,9750386	20,0634565	36,3654431	50,421201	65,4642653	92,3119056	101,302088
477	15,001159	20,0946442	36,4129001	50,4814441	65,5388566	92,4099612	101,407399
478	15,0273097	20,1258643	36,4603984	50,5417352	65,6135045	92,5080861	101,512783
479	15,0534908	20,1571166	36,507938	50,6020743	65,688209	92,6062805	101,61824
480	15,0797023	20,1884013	36,5555189	50,6624614	65,7629703	92,7045443	101,723769
481	15,1059442	20,2197183	36,6031411	50,7228965	65,8377882	92,8028776	101,829372
482	15,1322165	20,2510677	36,6508047	50,7833797	65,9126629	92,9012804	101,935048
483	15,1585193	20,2824495	36,6985097	50,8439109	65,9875943	92,9997528	102,040797
484	15,1848525	20,3138637	36,746256	50,9044902	66,0625825	93,0982947	102,146619
485	15,2112162	20,3453103	36,7940437	50,9651176	66,1376275	93,1969062	102,252514
486	15,2376104	20,3767893	36,8418728	51,0257931	66,2127293	93,2955873	102,358483
487	15,2640351	20,4083008	36,8897433	51,0865168	66,2878879	93,3943381	102,464524
488	15,2904904	20,4398448	36,9376553	51,1472886	66,3631034	93,4931585	102,570639
489	15,3169762	20,4714213	36,9856088	51,2081086	66,4383757	93,5920486	102,676827
490	15,3434926	20,5030302	37,0336038	51,2689768	66,513705	93,6910084	102,783089
491	15,3700395	20,5346717	37,0816402	51,3298932	66,5890911	93,7900379	102,889423
492	15,3966171	20,5663457	37,1297182	51,3908578	66,6645342	93,8891372	102,995831
493	15,4232252	20,5980523	37,1778377	51,4518707	66,7400343	93,9883062	103,102312
494	15,4498641	20,6297915	37,2259988	51,5129319	66,8155913	94,0875451	103,208867
495	15,4765335	20,6615632	37,2742014	51,5740413	66,8912054	94,1868538	103,315495
496	15,5032337	20,6933675	37,3224456	51,6351991	66,9668765	94,2862324	103,422196
497	15,5299645	20,7252045	37,3707315	51,6964052	67,0426046	94,3856808	103,528971

498	15,5567261	20,7570741	37,419059	51,7576596	67,1183898	94,4851992	103,63582
499	15,5835183	20,7889763	37,4674281	51,8189624	67,1942321	94,5847875	103,742741
500	15,6103414	20,8209113	37,5158389	51,8803136	67,2701315	94,6844457	103,849737
501	15,6371951	20,8528789	37,5642913	51,9417132	67,346088	94,7841739	103,956806
502	15,6640797	20,8848792	37,6127855	52,0031612	67,4221017	94,8839721	104,063948
503	15,6909951	20,9169122	37,6613214	52,0646577	67,4981726	94,9838403	104,171164
504	15,7179412	20,948978	37,709899	52,1262026	67,5743006	95,0837786	104,278454
505	15,7449182	20,9810765	37,7585184	52,187796	67,6504859	95,183787	104,385817
506	15,7719261	21,0132078	37,8071796	52,249438	67,7267284	95,2838654	104,493254
507	15,7989648	21,0453719	37,8558825	52,3111284	67,8030282	95,384014	104,600765
508	15,8260344	21,0775688	37,9046273	52,3728674	67,8793853	95,4842328	104,708349
509	15,8531349	21,1097985	37,9534138	52,4346549	67,9557997	95,5845217	104,816007
510	15,8802663	21,142061	38,0022422	52,496491	68,0322714	95,6848808	104,923739
511	15,9074287	21,1743565	38,0511125	52,5583757	68,1088004	95,7853101	105,031545
512	15,934622	21,2066847	38,1000247	52,620309	68,1853868	95,8858097	105,139424
513	15,9618463	21,2390459	38,1489787	52,682291	68,2620306	95,9863796	105,247377
514	15,9891016	21,27144	38,1979747	52,7443216	68,3387319	96,0870197	105,355405
515	16,0163879	21,303867	38,2470126	52,8064009	68,4154905	96,1877302	105,463506
516	16,0437052	21,3363269	38,2960925	52,8685288	68,4923066	96,288511	105,571681
517	16,0710536	21,3688198	38,3452143	52,9307055	68,5691802	96,3893622	105,67993
518	16,098433	21,4013456	38,3943781	52,9929309	68,6461113	96,4902838	105,788253
519	16,1258435	21,4339045	38,4435839	53,0552051	68,7230999	96,5912758	105,89665
520	16,1532851	21,4664963	38,4928318	53,117528	68,8001461	96,6923383	106,005121
521	16,1807578	21,4991212	38,5421217	53,1798997	68,8772498	96,7934712	106,113666
522	16,2082617	21,5317791	38,5914536	53,2423203	68,9544111	96,8946746	106,222285
523	16,2357966	21,5644701	38,6408276	53,3047896	69,03163	96,9959485	106,330978
524	16,2633628	21,5971941	38,6902437	53,3673078	69,1089065	97,097293	106,439745
525	16,2909602	21,6299513	38,739702	53,4298749	69,1862407	97,1987081	106,548587
526	16,3185887	21,6627415	38,7892023	53,4924908	69,2636326	97,3001937	106,657502
527	16,3462485	21,6955649	38,8387448	53,5551557	69,3410821	97,40175	106,766492
528	16,3739395	21,7284214	38,8883295	53,6178694	69,4185894	97,5033768	106,875556
529	16,4016617	21,761311	38,9379564	53,6806321	69,4961544	97,6050744	106,984694
530	16,4294153	21,7942338	38,9876254	53,7434438	69,5737771	97,7068427	107,093907
531	16,4572001	21,8271899	39,0373367	53,8063044	69,6514576	97,8086816	107,203194
532	16,4850162	21,8601791	39,0870902	53,8692141	69,729196	97,9105913	107,312555
533	16,5128637	21,8932015	39,136886	53,9321727	69,8069921	98,0125718	107,42199
534	16,5407425	21,9262572	39,1867241	53,9951804	69,8848461	98,114623	107,5315
535	16,5686527	21,9593461	39,2366044	54,0582371	69,962758	98,2167451	107,641085
536	16,5965942	21,9924684	39,286527	54,121343	70,0407277	98,318938	107,750743
537	16,6245671	22,0256239	39,336492	54,1844979	70,1187554	98,4212018	107,860477
538	16,6525715	22,0588127	39,3864994	54,2477019	70,1968409	98,5235364	107,970284
539	16,6806073	22,0920348	39,436549	54,310955	70,2749845	98,625942	108,080166
540	16,7086745	22,1252903	39,4866411	54,3742573	70,353186	98,7284185	108,190123
541	16,7367732	22,1585791	39,5367756	54,4376088	70,4314455	98,830966	108,300154
542	16,7649034	22,1919013	39,5869525	54,5010095	70,509763	98,9335844	108,41026
543	16,7930651	22,2252569	39,6371718	54,5644593	70,5881385	99,0362739	108,520441

544	16,8212583	22,2586459	39,6874336	54,6279584	70,6665721	99,1390344	108,630696
545	16,849483	22,2920683	39,7377378	54,6915068	70,7450638	99,2418659	108,741025
546	16,8777393	22,3255242	39,7880846	54,7551044	70,8236136	99,3447686	108,85143
547	16,9060272	22,3590135	39,8384738	54,8187513	70,9022215	99,4477423	108,961909
548	16,9343467	22,3925363	39,8889056	54,8824475	70,9808875	99,5507872	109,072463
549	16,9626977	22,4260926	39,9393799	54,946193	71,0596117	99,6539032	109,183091
550	16,9910804	22,4596824	39,9898968	55,0099878	71,1383941	99,7570904	109,293794
551	17,0194948	22,4933057	40,0404562	55,073832	71,2172348	99,8603488	109,404573
552	17,0479408	22,5269625	40,0910583	55,1377256	71,2961336	99,9636785	109,515426
553	17,0764184	22,560653	40,141703	55,2016686	71,3750907	100,067079	109,626353
554	17,1049278	22,5943769	40,1923903	55,265661	71,454106	100,170552	109,737356
555	17,1334689	22,6281345	40,2431202	55,3297029	71,5331797	100,274095	109,848434
556	17,1620417	22,6619257	40,2938928	55,3937942	71,6123117	100,37771	109,959586
557	17,1906463	22,6957505	40,3447082	55,4579349	71,691502	100,481396	110,070814
558	17,2192826	22,729609	40,3955662	55,5221252	71,7707506	100,585154	110,182116
559	17,2479507	22,7635011	40,4464669	55,586365	71,8500577	100,688983	110,293494
560	17,2766507	22,7974269	40,4974104	55,6506543	71,9294231	100,792883	110,404946
561	17,3053824	22,8313863	40,5483966	55,7149931	72,008847	100,896855	110,516474
562	17,334146	22,8653795	40,5994256	55,7793816	72,0883293	101,000898	110,628077
563	17,3629414	22,8994064	40,6504974	55,8438196	72,1678701	101,105013	110,739754
564	17,3917687	22,9334671	40,701612	55,9083072	72,2474694	101,209199	110,851507
565	17,4206279	22,9675615	40,7527695	55,9728445	72,3271272	101,313457	110,963335
566	17,449519	23,0016896	40,8039698	56,0374314	72,4068435	101,417787	111,075239
567	17,478442	23,0358516	40,855213	56,1020679	72,4866183	101,522188	111,187217
568	17,507397	23,0700474	40,906499	56,1667542	72,5664518	101,62666	111,299271
569	17,5363839	23,104277	40,957828	56,2314901	72,6463438	101,731205	111,4114
570	17,5654028	23,1385404	41,0091998	56,2962758	72,7262944	101,835821	111,523604
571	17,5944537	23,1728377	41,0606146	56,3611112	72,8063037	101,940508	111,635883
572	17,6235366	23,2071689	41,1120724	56,4259964	72,8863717	102,045268	111,748238
573	17,6526516	23,241534	41,1635731	56,4909314	72,9664983	102,150099	111,860669
574	17,6817986	23,275933	41,2151169	56,5559161	73,0466836	102,255002	111,973174
575	17,7109776	23,3103659	41,2667036	56,6209507	73,1269277	102,359976	112,085755
576	17,7401888	23,3448327	41,3183334	56,6860351	73,2072305	102,465023	112,198412
577	17,769432	23,3793335	41,3700062	56,7511694	73,2875921	102,570141	112,311144
578	17,7987074	23,4138683	41,421722	56,8163535	73,3680124	102,675332	112,423951
579	17,8280149	23,448437	41,473481	56,8815876	73,4484916	102,780594	112,536834
580	17,8573545	23,4830398	41,5252831	56,9468715	73,5290296	102,885928	112,649792
581	17,8867264	23,5176766	41,5771282	57,0122054	73,6096264	102,991334	112,762826
582	17,9161304	23,5523475	41,6290165	57,0775893	73,6902821	103,096812	112,875936
583	17,9455666	23,5870524	41,680948	57,1430231	73,7709968	103,202362	112,989121
584	17,9750351	23,6217914	41,7329226	57,2085069	73,8517703	103,307984	113,102382
585	18,0045358	23,6565644	41,7849405	57,2740407	73,9326028	103,413678	113,215719
586	18,0340687	23,6913716	41,8370015	57,3396245	74,0134942	103,519444	113,329131
587	18,0636339	23,7262129	41,8891057	57,4052584	74,0944446	103,625282	113,442619
588	18,0932315	23,7610884	41,9412532	57,4709423	74,175454	103,731193	113,556183
589	18,1228613	23,795998	41,993444	57,5366764	74,2565225	103,837175	113,669822

590	18,1525235	23,8309418	42,045678	57,6024605	74,33765	103,94323	113,783537
591	18,182218	23,8659197	42,0979554	57,6682948	74,4188365	104,049356	113,897328
592	18,2119449	23,9009319	42,150276	57,7341792	74,5000822	104,155555	114,011195
593	18,2417041	23,9359783	42,20264	57,8001137	74,581387	104,261827	114,125138
594	18,2714958	23,971059	42,2550473	57,8660985	74,6627508	104,36817	114,239157
595	18,3013199	24,0061739	42,307498	57,9321334	74,7441739	104,474586	114,353251
596	18,3311764	24,0413231	42,359921	57,9982186	74,8256561	104,581074	114,467422
597	18,3610654	24,0765066	42,4125296	58,064354	74,9071975	104,687634	114,581668
598	18,3909868	24,1117244	42,4651105	58,1305396	74,9887982	104,794267	114,695991
599	18,4209408	24,1469765	42,5177349	58,1967756	75,0704581	104,900972	114,810389
600	18,4509272	24,182263	42,5704027	58,2630618	75,1521772	105,00775	114,924864
601	18,4809462	24,2175838	42,6231139	58,3293984	75,2339556	105,1146	115,039414
602	18,5109977	24,252939	42,6758687	58,3957852	75,3157933	105,221523	115,154041
603	18,5410818	24,2883286	42,728667	58,4622225	75,3976904	105,328518	115,268744
604	18,5711984	24,3237526	42,7815088	58,5287101	75,4796468	105,435585	115,383523
605	18,6013477	24,359211	42,8343942	58,5952481	75,5616626	105,542725	115,498378
606	18,6315295	24,3947039	42,8873231	58,6618365	75,6437377	105,649938	115,613309
607	18,661744	24,4302312	42,9402957	58,7284753	75,7258723	105,757223	115,728317
608	18,6919912	24,465793	42,9933118	58,7951646	75,8080663	105,86458	115,8434
609	18,722271	24,5013893	43,0463715	58,8619043	75,8903198	105,972011	115,95856
610	18,7525834	24,5370201	43,0994749	58,9286946	75,9726327	106,079514	116,073797
611	18,7829286	24,5726855	43,1526219	58,9955353	76,0550051	106,18709	116,189109
612	18,8133065	24,6083854	43,2058126	59,0624266	76,1374371	106,294738	116,304498
613	18,8437172	24,6441198	43,259047	59,1293684	76,2199286	106,402459	116,419964
614	18,8741606	24,6798888	43,3123251	59,1963607	76,3024796	106,510253	116,535506
615	18,9046367	24,7156924	43,365647	59,2634037	76,3850903	106,61812	116,651124
616	18,9351457	24,7515307	43,4190126	59,3304972	76,4677605	106,726059	116,766818
617	18,9656874	24,7874035	43,4724219	59,3976414	76,5504904	106,834072	116,882589
618	18,996262	24,823311	43,525875	59,4648362	76,6332799	106,942157	116,998437
619	19,0268694	24,8592532	43,5793719	59,5320817	76,7161291	107,050315	117,114361
620	19,0575097	24,89523	43,6329127	59,5993778	76,799038	107,158546	117,230362
621	19,0881829	24,9312415	43,6864972	59,6667247	76,8820066	107,26685	117,346439
622	19,118889	24,9672878	43,7401257	59,7341222	76,9650349	107,375226	117,462593
623	19,1496279	25,0033687	43,793798	59,8015705	77,048123	107,483676	117,578823
624	19,1803998	25,0394845	43,8475142	59,8690695	77,1312709	107,592199	117,695131
625	19,2112047	25,0756349	43,9012742	59,9366194	77,2144785	107,700795	117,811514
626	19,2420425	25,1118202	43,9550783	60,00422	77,297746	107,809464	117,927975
627	19,2729133	25,1480402	44,0089262	60,0718714	77,3810734	107,918206	118,044512
628	19,3038171	25,1842951	44,0628181	60,1395736	77,4644605	108,027021	118,161126
629	19,3347539	25,2205848	44,116754	60,2073267	77,5479076	108,135909	118,277817
630	19,3657237	25,2569093	44,1707339	60,2751307	77,6314146	108,24487	118,394584
631	19,3967266	25,2932687	44,2247578	60,3429855	77,7149815	108,353905	118,511429
632	19,4277626	25,329663	44,2788258	60,4108913	77,7986084	108,463012	118,62835
633	19,4588317	25,3660921	44,3329378	60,478848	77,8822952	108,572193	118,745348
634	19,4899339	25,4025562	44,3870938	60,5468556	77,966042	108,681447	118,862423
635	19,5210691	25,4390552	44,441294	60,6149142	78,0498488	108,790775	118,979575

636	19,5522376	25,4755892	44,4955382	60,6830238	78,1337157	108,900175	119,096804
637	19,5834392	25,5121581	44,5498266	60,7511843	78,2176426	109,009649	119,21411
638	19,614674	25,548762	44,6041591	60,8193959	78,3016296	109,119197	119,331493
639	19,6459419	25,5854009	44,6585358	60,8876586	78,3856767	109,228817	119,448952
640	19,6772431	25,6220748	44,7129566	60,9559723	78,469784	109,338512	119,566489
641	19,7085775	25,6587837	44,7674216	61,024337	78,5539513	109,448279	119,684103
642	19,7399452	25,6955276	44,8219309	61,0927529	78,6381789	109,55812	119,801795
643	19,7713461	25,7323067	44,8764844	61,1612199	78,7224666	109,668034	119,919563
644	19,8027803	25,7691208	44,9310821	61,229738	78,8068145	109,778022	120,037408
645	19,8342478	25,80597	44,9857241	61,2983073	78,8912226	109,888084	120,155331
646	19,8657486	25,8428543	45,0404103	61,3669277	78,975691	109,998219	120,273331
647	19,8972828	25,8797738	45,0951409	61,4355993	79,0602197	110,108427	120,391408
648	19,9288503	25,9167284	45,1499158	61,5043222	79,1448087	110,218709	120,509562
649	19,9604511	25,9537181	45,204735	61,5730963	79,229458	110,329065	120,627793
650	19,9920854	25,9907431	45,2595986	61,6419216	79,3141676	110,439495	120,746102
651	20,0237531	26,0278032	45,3145066	61,7107982	79,3989376	110,549998	120,864489
652	20,0554542	26,0648985	45,3694589	61,7797261	79,4837679	110,660574	120,982952
653	20,0871887	26,1020291	45,4244557	61,8487053	79,5686587	110,771225	121,101493
654	20,1189567	26,1391949	45,4794969	61,9177358	79,6536099	110,881949	121,220111
655	20,1507582	26,176396	45,5345825	61,9868177	79,7386215	110,992747	121,338807
656	20,1825932	26,2136324	45,5897126	62,0559509	79,8236936	111,103619	121,45758
657	20,2144617	26,250904	45,6448871	62,1251355	79,9088261	111,214564	121,576431
658	20,2463637	26,288211	45,7001062	62,1943715	79,9940192	111,325583	121,695359
659	20,2782992	26,3255533	45,7553698	62,263659	80,0792728	111,436677	121,814365
660	20,3102683	26,3629309	45,8106779	62,3329978	80,164587	111,547844	121,933448
661	20,342271	26,400344	45,8660306	62,4023882	80,2499617	111,659085	122,052609
662	20,3743074	26,4377923	45,9214278	62,47183	80,3353971	111,7704	122,171848
663	20,4063773	26,4752761	45,9768697	62,5413233	80,420893	111,881789	122,291164
664	20,4384808	26,5127953	46,0323561	62,6108681	80,5064496	111,993252	122,410558
665	20,470618	26,55035	46,0878872	62,6804645	80,5920668	112,104788	122,530029
666	20,5027889	26,58794	46,1434629	62,7501124	80,6777448	112,216399	122,649578
667	20,5349935	26,6255656	46,1990832	62,8198119	80,7634834	112,328084	122,769205
668	20,5672318	26,6632266	46,2547483	62,889563	80,8492827	112,439843	122,88891
669	20,5995038	26,7009231	46,310458	62,9593657	80,9351428	112,551677	123,008692
670	20,6318095	26,7386551	46,3662124	63,02922	81,0210637	112,663584	123,128553
671	20,664149	26,7764227	46,4220116	63,099126	81,1070453	112,775565	123,248491
672	20,6965223	26,8142258	46,4778556	63,1690836	81,1930878	112,887621	123,368507
673	20,7289293	26,8520645	46,5337443	63,239093	81,2791911	112,999751	123,488601
674	20,7613702	26,8899387	46,5896777	63,309154	81,3653552	113,111955	123,608772
675	20,7938449	26,9278486	46,645656	63,3792668	81,4515802	113,224233	123,729022
676	20,8263535	26,965794	46,7016791	63,4494313	81,5378661	113,336586	123,84935
677	20,8588959	27,0037751	46,7577471	63,5196476	81,6242129	113,449012	123,969755
678	20,8914722	27,0417919	46,8138599	63,5899157	81,7106207	113,561514	124,090239
679	20,9240824	27,0798443	46,8700176	63,6602356	81,7970894	113,674089	124,210801
680	20,9567265	27,1179324	46,9262201	63,7306073	81,8836191	113,786739	124,331441
681	20,9894046	27,1560561	46,9824676	63,8010308	81,9702098	113,899463	124,452159

682	21,0221166	27,1942156	47,03876	63,8715062	82,0568616	114,012262	124,572955
683	21,0548625	27,2324109	47,0950974	63,9420335	82,1435743	114,125135	124,693829
684	21,0876425	27,2706418	47,1514797	64,0126126	82,2303482	114,238083	124,814781
685	21,1204565	27,3089086	47,207907	64,0832437	82,3171831	114,351105	124,935811
686	21,1533045	27,3472111	47,2643793	64,1539268	82,4040791	114,464202	125,05692
687	21,1861865	27,3855494	47,3208967	64,2246617	82,4910363	114,577373	125,178107
688	21,2191026	27,4239236	47,377459	64,2954487	82,5780546	114,690619	125,299372
689	21,2520528	27,4623335	47,4340664	64,3662877	82,6651341	114,803939	125,420716
690	21,285037	27,5007793	47,4907189	64,4371786	82,7522748	114,917334	125,542138
691	21,3180554	27,539261	47,5474165	64,5081216	82,8394767	115,030804	125,663638
692	21,3511079	27,5777786	47,6041592	64,5791167	82,9267399	115,144348	125,785216
693	21,3841945	27,616332	47,660947	64,6501638	83,0140643	115,257967	125,906873
694	21,4173153	27,6549214	47,71778	64,721263	83,10145	115,371661	126,028609
695	21,4504703	27,6935467	47,7746581	64,7924143	83,188897	115,48543	126,150422
696	21,4836595	27,7322079	47,8315814	64,8636178	83,2764053	115,599273	126,272315
697	21,5168829	27,7709052	47,8885499	64,9348734	83,363975	115,713191	126,394285
698	21,5501406	27,8096384	47,9455636	65,0061811	83,451606	115,827184	126,516335
699	21,5834325	27,8484076	48,0026225	65,0775411	83,5392984	115,941251	126,638462
700	21,6167586	27,8872128	48,0597267	65,1489532	83,6270523	116,055394	126,760669
701	21,6501191	27,926054	48,1168762	65,2204176	83,7148675	116,169611	126,882954
702	21,6835139	27,9649313	48,174071	65,2919342	83,8027443	116,283904	127,005317
703	21,7169429	28,0038447	48,231311	65,3635031	83,8906825	116,398271	127,127759
704	21,7504064	28,0427941	48,2885964	65,4351242	83,9786822	116,512713	127,25028
705	21,7839041	28,0817796	48,3459271	65,5067977	84,0667434	116,627231	127,37288
706	21,8174363	28,1208013	48,4033032	65,5785235	84,1548661	116,741823	127,495558
707	21,8510028	28,1598591	48,4607247	65,6503016	84,2430504	116,85649	127,618315
708	21,8846038	28,198953	48,5181916	65,7221321	84,3312963	116,971233	127,741151
709	21,9182392	28,2380831	48,5757038	65,7940149	84,4196038	117,08605	127,864066
710	21,951909	28,2772494	48,6332615	65,8659501	84,507973	117,200943	127,987059
711	21,9856133	28,3164519	48,6908647	65,9379378	84,5964038	117,31591	128,110131
712	22,0193521	28,3556906	48,7485133	66,0099779	84,6848962	117,430953	128,233283
713	22,0531254	28,3949655	48,8062074	66,0820704	84,7734503	117,546071	128,356513
714	22,0869332	28,4342767	48,863947	66,1542154	84,8620662	117,661264	128,479822
715	22,1207755	28,4736241	48,9217321	66,2264129	84,9507438	117,776533	128,60321
716	22,1546524	28,5130078	48,9795628	66,2986629	85,0394831	117,891877	128,726677
717	22,1885638	28,5524279	49,037439	66,3709655	85,1282842	118,007296	128,850222
718	22,2225099	28,5918842	49,0953608	66,4433206	85,2171471	118,12279	128,973847
719	22,2564905	28,6313769	49,1533282	66,5157282	85,3060719	118,23836	129,097551
720	22,2905058	28,6709059	49,2113412	66,5881885	85,3950584	118,354005	129,221334
721	22,3245557	28,7104713	49,2693999	66,6607013	85,4841069	118,469725	129,345197
722	22,3586402	28,7500731	49,3275041	66,7332668	85,5732172	118,585521	129,469138
723	22,3927595	28,7897113	49,3856541	66,8058849	85,6623894	118,701392	129,593158
724	22,4269134	28,8293858	49,4438497	66,8785557	85,7516235	118,817339	129,717258
725	22,4611102	28,8690969	49,502091	66,9512791	85,8409196	118,933361	129,841437
726	22,4953254	28,9088443	49,5603781	67,0240553	85,9302777	119,049459	129,965695
727	22,5295835	28,9486283	49,6187108	67,0968841	86,0196978	119,165632	130,090032

728	22,5638764	28,9884487	49,6770894	67,1697658	86,1091798	119,281881	130,214448
729	22,598204	29,0283056	49,7355137	67,2427001	86,1987239	119,398205	130,338944
730	22,6325665	29,0681991	49,7939838	67,3156873	86,2883301	119,514605	130,46352
731	22,6669638	29,108129	49,8524997	67,3887272	86,3779983	119,631081	130,588174
732	22,7013959	29,1480956	49,9110614	67,46182	86,4677287	119,747632	130,712908
733	22,7358628	29,1880987	49,969669	67,5349656	86,5575211	119,864259	130,837721
734	22,7703647	29,2281383	50,0283224	67,608164	86,6473757	119,980961	130,962614
735	22,8049014	29,2682146	50,0870217	67,6814153	86,7372925	120,09774	131,087586
736	22,839473	29,3083275	50,1457669	67,7547195	86,8272715	120,214594	131,212638
737	22,8740796	29,348477	50,2045581	67,8280767	86,9173126	120,331524	131,337769
738	22,908721	29,3886632	50,2633951	67,9014867	87,007416	120,448529	131,46298
739	22,9433975	29,4288861	50,3222781	67,9749497	87,0975816	120,565611	131,58827
740	22,9781089	29,4691456	50,3812071	68,0484657	87,1878095	120,682768	131,71364
741	23,0128553	29,5094418	50,4401821	68,1220346	87,2780997	120,800001	131,839089
742	23,0476367	29,5497748	50,499203	68,1956566	87,3684522	120,91731	131,964618
743	23,0824532	29,5901444	50,55827	68,2693315	87,4588671	121,034695	132,090227
744	23,1173047	29,6305509	50,6173831	68,3430596	87,5493443	121,152156	132,215916
745	23,1521912	29,6709941	50,6765422	68,4168407	87,6398839	121,269693	132,341684
746	23,1871128	29,711474	50,7357473	68,4906748	87,7304858	121,387306	132,467532
747	23,2220696	29,7519908	50,7949986	68,5645621	87,8211502	121,504995	132,593459
748	23,2570614	29,7925444	50,854296	68,6385025	87,9118771	121,62276	132,719467
749	23,2920884	29,8331349	50,9136395	68,712496	88,0026664	121,740601	132,845554
750	23,3271505	29,8737622	50,9730291	68,7865427	88,0935182	121,858518	132,971721
751	23,3622478	29,9144263	51,032465	68,8606426	88,1844325	121,976511	133,097968
752	23,3973803	29,9551273	51,091947	68,9347956	88,2754093	122,094581	133,224294
753	23,432548	29,9958653	51,1514752	69,0090019	88,3664487	122,212726	133,350701
754	23,4677509	30,0366401	51,2110496	69,0832614	88,4575506	122,330948	133,477188
755	23,5029891	30,0774519	51,2706703	69,1575742	88,5487152	122,449246	133,603754
756	23,5382625	30,1183007	51,3303372	69,2319402	88,6399423	122,56762	133,730401
757	23,5735712	30,1591864	51,3900504	69,3063596	88,7312321	122,686071	133,857127
758	23,6089152	30,2001091	51,4498099	69,3808322	88,8225846	122,804598	133,983934
759	23,6442945	30,2410688	51,5096157	69,4553582	88,9139997	122,923201	134,110821
760	23,6797091	30,2820655	51,5694678	69,5299375	89,0054776	123,04188	134,237787
761	23,7151591	30,3230993	51,6293663	69,6045702	89,0970181	123,160636	134,364834
762	23,7506444	30,3641701	51,6893112	69,6792563	89,1886214	123,279468	134,491961
763	23,7861651	30,405278	51,7493024	69,7539958	89,2802875	123,398377	134,619168
764	23,8217212	30,4464229	51,80934	69,8287887	89,3720163	123,517362	134,746456
765	23,8573127	30,487605	51,869424	69,9036351	89,463808	123,636423	134,873823
766	23,8929397	30,5288242	51,9295545	69,9785349	89,5556625	123,755561	135,001271
767	23,9286021	30,5700805	51,9897314	70,0534882	89,6475798	123,874776	135,128799
768	23,9642999	30,6113739	52,0499548	70,128495	89,73956	123,994067	135,256407
769	24,0000333	30,6527046	52,1102247	70,2035553	89,8316031	124,113434	135,384096
770	24,0358022	30,6940724	52,1705411	70,2786692	89,9237092	124,232879	135,511865
771	24,0716065	30,7354774	52,2309041	70,3538366	90,0158781	124,352399	135,639714
772	24,1074465	30,7769197	52,2913135	70,4290576	90,10811	124,471997	135,767644
773	24,1433219	30,8183991	52,3517695	70,5043322	90,2004049	124,591671	135,895654

774	24,179233	30,8599159	52,4122722	70,5796604	90,2927628	124,711422	136,023745
775	24,2151796	30,9014699	52,4728214	70,6550423	90,3851838	124,831249	136,151916
776	24,2511619	30,9430612	52,5334172	70,7304778	90,4776677	124,951153	136,280167
777	24,2871798	30,9846898	52,5940596	70,805967	90,5702148	125,071134	136,4085
778	24,3232333	31,0263557	52,6547487	70,8815099	90,6628249	125,191192	136,536912
779	24,3593225	31,0680589	52,7154845	70,9571064	90,7554981	125,311326	136,665405
780	24,3954474	31,1097995	52,776267	71,0327568	90,8482345	125,431538	136,793979
781	24,4316079	31,1515775	52,8370961	71,1084608	90,941034	125,551826	136,922633
782	24,4678042	31,1933928	52,897972	71,1842187	91,0338967	125,672191	137,051368
783	24,5040362	31,2352456	52,9588946	71,2600303	91,1268226	125,792633	137,180184
784	24,540304	31,2771358	53,019864	71,3358957	91,2198117	125,913152	137,30908
785	24,5766075	31,3190634	53,0808802	71,411815	91,312864	126,033748	137,438057
786	24,6129469	31,3610284	53,1419431	71,4877881	91,4059796	126,154421	137,567115
787	24,649322	31,403031	53,2030529	71,5638151	91,4991585	126,275171	137,696254
788	24,6857329	31,445071	53,2642095	71,6398959	91,5924007	126,395998	137,825473
789	24,7221797	31,4871485	53,3254129	71,7160307	91,6857062	126,516901	137,954773
790	24,7586624	31,5292636	53,3866632	71,7922194	91,779075	126,637883	138,084155
791	24,7951809	31,5714161	53,4479604	71,868462	91,8725072	126,758941	138,213616
792	24,8317353	31,6136063	53,5093045	71,9447586	91,9660028	126,880076	138,343159
793	24,8683256	31,655834	53,5706955	72,0211091	92,0595619	127,001288	138,472783
794	24,9049519	31,6980993	53,6321335	72,0975137	92,1531843	127,122578	138,602488
795	24,941614	31,7404022	53,6936184	72,1739723	92,2468702	127,243945	138,732273
796	24,9783122	31,7827427	53,7551503	72,2504849	92,3406196	127,365389	138,86214
797	25,0150463	31,8251208	53,8167292	72,3270516	92,4344325	127,48691	138,992088
798	25,0518165	31,8675367	53,8783551	72,4036723	92,5283088	127,608508	139,122116
799	25,0886226	31,9099901	53,940028	72,4803471	92,6222488	127,730184	139,252226
800	25,1254648	31,9524813	54,0017479	72,5570761	92,7162523	127,851937	139,382417
801	25,162343	31,9950102	54,0635149	72,6338592	92,8103193	127,973768	139,512689
802	25,1992573	32,0375768	54,125329	72,7106964	92,90445	128,095676	139,643042
803	25,2362077	32,0801811	54,1871902	72,7875878	92,9986443	128,217661	139,773476
804	25,2731942	32,1228232	54,2490986	72,8645334	93,0929022	128,339723	139,903992
805	25,3102168	32,165503	54,311054	72,9415332	93,1872239	128,461864	140,034588
806	25,3472755	32,2082207	54,3730566	73,0185872	93,2816092	128,584081	140,165266
807	25,3843704	32,2509761	54,4351064	73,0956955	93,3760582	128,706376	140,296026
808	25,4215015	32,2937694	54,4972034	73,172858	93,4705709	128,828749	140,426866
809	25,4586688	32,3366005	54,5593475	73,2500749	93,5651474	128,951199	140,557788
810	25,4958722	32,3794694	54,6215389	73,327346	93,6597877	129,073727	140,688791
811	25,5331119	32,4223763	54,6837776	73,4046714	93,7544918	129,196332	140,819876
812	25,5703879	32,465321	54,7460635	73,4820512	93,8492597	129,319015	140,951042
813	25,6077001	32,5083036	54,8083967	73,5594854	93,9440914	129,441775	141,082289
814	25,6450486	32,5513241	54,8707772	73,6369739	94,038987	129,564614	141,213618
815	25,6824333	32,5943826	54,9332049	73,7145169	94,1339465	129,687529	141,345028
816	25,7198544	32,637479	54,9956801	73,7921142	94,2289698	129,810523	141,47652
817	25,7573119	32,6806135	55,0582025	73,869766	94,3240572	129,933594	141,608093
818	25,7948057	32,7237858	55,1207724	73,9474723	94,4192084	130,056744	141,739748
819	25,8323358	32,7669962	55,1833896	74,025233	94,5144236	130,17997	141,871485

820	25,8699023	32,8102447	55,2460543	74,1030482	94,6097028	130,303275	142,003303
821	25,9075053	32,8535311	55,3087663	74,1809179	94,7050461	130,426658	142,135203
822	25,9451446	32,8968556	55,3715258	74,2588422	94,8004533	130,550118	142,267184
823	25,9828204	32,9402182	55,4343328	74,336821	94,8959246	130,673656	142,399247
824	26,0205327	32,9836189	55,4971872	74,4148544	94,99146	130,797273	142,531392
825	26,0582814	33,0270577	55,5600891	74,4929424	95,0870595	130,920967	142,663618
826	26,0960666	33,0705346	55,6230385	74,5710849	95,1827231	131,044739	142,795926
827	26,1338884	33,1140496	55,6860355	74,6492822	95,2784509	131,168589	142,928316
828	26,1717466	33,1576028	55,74908	74,727534	95,3742428	131,292517	143,060788
829	26,2096414	33,2011942	55,8121721	74,8058405	95,4700989	131,416523	143,193342
830	26,2475728	33,2448237	55,8753118	74,8842018	95,5660192	131,540607	143,325977
831	26,2855407	33,2884915	55,938499	74,9626177	95,6620037	131,66477	143,458695
832	26,3235452	33,3321975	56,0017339	75,0410883	95,7580525	131,78901	143,591494
833	26,3615864	33,3759417	56,0650164	75,1196137	95,8541655	131,913329	143,724375
834	26,3996642	33,4197242	56,1283466	75,1981938	95,9503429	132,037725	143,857338
835	26,4377786	33,4635449	56,1917245	75,2768288	96,0465845	132,1622	143,990383
836	26,4759297	33,507404	56,25515	75,3555185	96,1428905	132,286753	144,12351
837	26,5141175	33,5513013	56,3186232	75,434263	96,2392608	132,411384	144,25672
838	26,5523419	33,595237	56,3821442	75,5130624	96,3356956	132,536094	144,390011
839	26,5906032	33,639211	56,4457129	75,5919167	96,4321947	132,660882	144,523384
840	26,6289011	33,6832234	56,5093294	75,6708258	96,5287582	132,785748	144,656839
841	26,6672358	33,7272741	56,5729937	75,7497898	96,6253862	132,910692	144,790377
842	26,7056073	33,7713632	56,6367058	75,8288087	96,7220786	133,035715	144,923997
843	26,7440155	33,8154908	56,7004656	75,9078826	96,8188356	133,160816	145,057699
844	26,7824606	33,8596567	56,7642734	75,9870114	96,915657	133,285996	145,191483
845	26,8209425	33,9038611	56,8281289	76,0661952	97,012543	133,411254	145,325349
846	26,8594612	33,948104	56,8920324	76,145434	97,1094935	133,53659	145,459298
847	26,8980168	33,9923853	56,9559837	76,2247278	97,2065086	133,662005	145,593328
848	26,9366093	34,0367051	57,0199829	76,3040766	97,3035882	133,787499	145,727442
849	26,9752387	34,0810634	57,0840301	76,3834804	97,4007325	133,913071	145,861637
850	27,013905	34,1254603	57,1481252	76,4629394	97,4979414	134,038721	145,995915
851	27,0526082	34,1698957	57,2122682	76,5424534	97,595215	134,16445	146,130275
852	27,0913484	34,2143696	57,2764593	76,6220225	97,6925533	134,290258	146,264718
853	27,1301255	34,2588821	57,3406983	76,7016468	97,7899562	134,416144	146,399243
854	27,1689397	34,3034332	57,4049854	76,7813261	97,8874239	134,542109	146,53385
855	27,2077908	34,3480229	57,4693204	76,8610607	97,9849563	134,668153	146,66854
856	27,2466789	34,3926513	57,5337036	76,9408504	98,0825535	134,794275	146,803313
857	27,2856041	34,4373182	57,5981348	77,0206954	98,1802155	134,920476	146,938168
858	27,3245664	34,4820239	57,6626141	77,1005955	98,2779423	135,046756	147,073106
859	27,3635657	34,5267682	57,7271414	77,1805509	98,3757339	135,173115	147,208126
860	27,4026021	34,5715512	57,791717	77,2605616	98,4735903	135,299552	147,343229
861	27,4416756	34,6163729	57,8563406	77,3406275	98,5715117	135,426068	147,478414
862	27,4807862	34,6612333	57,9210124	77,4207487	98,6694979	135,552663	147,613682
863	27,519934	34,7061325	57,9857324	77,5009253	98,767549	135,679337	147,749033
864	27,5591189	34,7510704	58,0505006	77,5811572	98,8656651	135,80609	147,884467
865	27,5983411	34,7960471	58,115317	77,6614444	98,9638461	135,932922	148,019983

866	27,6376004	34,8410626	58,1801816	77,741787	99,0620921	136,059832	148,155582
867	27,6768969	34,8861169	58,2450944	77,822185	99,1604032	136,186822	148,291264
868	27,7162307	34,93121	58,3100556	77,9026384	99,2587792	136,31389	148,427028
869	27,7556017	34,976342	58,375065	77,9831472	99,3572203	136,441038	148,562876
870	27,79501	35,0215128	58,4401227	78,0637115	99,4557264	136,568265	148,698806
871	27,8344555	35,0667225	58,5052287	78,1443313	99,5542976	136,69557	148,834819
872	27,8739384	35,1119711	58,5703831	78,2250065	99,652934	136,822955	148,970915
873	27,9134586	35,1572586	58,6355858	78,3057373	99,7516355	136,950419	149,107094
874	27,9530161	35,202585	58,7008369	78,3865235	99,8504021	137,077962	149,243357
875	27,992611	35,2479504	58,7661364	78,4673654	99,9492339	137,205584	149,379702
876	28,0322432	35,2933547	58,8314843	78,5482627	100,048131	137,333286	149,51613
877	28,0719129	35,338798	58,8968806	78,6292157	100,147093	137,461066	149,652641
878	28,1116199	35,3842802	58,9623254	78,7102243	100,24612	137,588926	149,789235
879	28,1513644	35,4298015	59,0278186	78,7912884	100,345213	137,716865	149,925912
880	28,1911463	35,4753619	59,0933603	78,8724083	100,444371	137,844884	150,062672
881	28,2309657	35,5209612	59,1589505	78,9535838	100,543594	137,972982	150,199516
882	28,2708225	35,5665996	59,2245893	79,0348149	100,642883	138,101159	150,336443
883	28,3107169	35,6122771	59,2902765	79,1161018	100,742237	138,229415	150,473452
884	28,3506488	35,6579937	59,3560123	79,1974444	100,841656	138,357751	150,610546
885	28,3906182	35,7037494	59,4217967	79,2788427	100,941141	138,486166	150,747722
886	28,4306251	35,7495442	59,4876297	79,3602967	101,040691	138,614661	150,884981
887	28,4706696	35,7953782	59,5535113	79,4418066	101,140307	138,743235	151,022324
888	28,5107517	35,8412513	59,6194415	79,5233722	101,239988	138,871888	151,159751
889	28,5508714	35,8871636	59,6854203	79,6049937	101,339734	139,000621	151,29726
890	28,5910287	35,9331151	59,7514478	79,6866709	101,439546	139,129434	151,434853
891	28,6312237	35,9791058	59,817524	79,7684041	101,539424	139,258326	151,572529
892	28,6714563	36,0251357	59,8836488	79,850193	101,639367	139,387298	151,710289
893	28,7117266	36,0712048	59,9498224	79,9320379	101,739375	139,516349	151,848132
894	28,7520345	36,1173133	60,0160447	80,0139387	101,839449	139,64548	151,986059
895	28,7923802	36,163461	60,0823158	80,0958954	101,939589	139,774691	152,124069
896	28,8327636	36,2096479	60,1486357	80,1779081	102,039794	139,903981	152,262163
897	28,8731848	36,2558742	60,2150043	80,2599767	102,140065	140,033351	152,40034
898	28,9136437	36,3021399	60,2814217	80,3421013	102,240402	140,162801	152,538601
899	28,9541404	36,3484448	60,3478879	80,4242819	102,340805	140,292331	152,676945
900	28,9946748	36,3947892	60,414403	80,5065186	102,441273	140,42194	152,815373
901	29,0352471	36,4411729	60,480967	80,5888113	102,541806	140,551629	152,953885
902	29,0758573	36,487596	60,5475798	80,671116	102,642406	140,681398	153,09248
903	29,1165052	36,5340585	60,6142415	80,7535648	102,743071	140,811247	153,231159
904	29,1571911	36,5805604	60,6809521	80,8360257	102,843803	140,941175	153,369922
905	29,1979148	36,6271018	60,7477117	80,9185427	102,9446	141,071184	153,508768
906	29,2386764	36,6736826	60,8145202	81,0011159	103,045462	141,201272	153,647699
907	29,279476	36,7203029	60,8813776	81,0837452	103,146391	141,331441	153,786713
908	29,3203134	36,7669627	60,9482841	81,1664307	103,247386	141,461689	153,92581
909	29,3611889	36,813662	61,0152395	81,2491724	103,348446	141,592018	154,064992
910	29,4021023	36,8604009	61,082244	81,3319703	103,449572	141,722426	154,204258
911	29,4430537	36,9071792	61,1492975	81,4148244	103,550765	141,852915	154,343607

912	29,4840431	36,9539972	61,2164	81,4977348	103,652023	141,983483	154,483041
913	29,5250705	37,0008547	61,2835516	81,5807015	103,753347	142,114132	154,622558
914	29,566136	37,0477518	61,3507524	81,6637244	103,854738	142,24486	154,762159
915	29,6072395	37,0946885	61,4180022	81,7468037	103,956194	142,375669	154,901845
916	29,6483811	37,1416649	61,4853011	81,8299392	104,057716	142,506558	155,041614
917	29,6895608	37,1886809	61,5526492	81,9131312	104,159305	142,637528	155,181468
918	29,7307786	37,2357365	61,6200465	81,9963794	104,260959	142,768577	155,321405
919	29,7720346	37,2828318	61,6874929	82,0796841	104,36268	142,899707	155,461427
920	29,8133287	37,3299669	61,7549886	82,1630452	104,464467	143,030917	155,601533
921	29,8546609	37,3771416	61,8225334	82,2464627	104,56632	143,162207	155,741722
922	29,8960314	37,4243561	61,8901275	82,3299366	104,668239	143,293578	155,881997
923	29,93744	37,4716103	61,9577708	82,413467	104,770224	143,425029	156,022355
924	29,9788869	37,5189042	62,0254634	82,4970539	104,872276	143,55656	156,162797
925	30,020372	37,566238	62,0932053	82,5806973	104,974394	143,688172	156,303324
926	30,0618954	37,6136115	62,1609965	82,6643972	105,076578	143,819864	156,443935
927	30,103457	37,6610248	62,228837	82,7481536	105,178828	143,951637	156,58463
928	30,1450569	37,708478	62,2967269	82,8319666	105,281145	144,08349	156,72541
929	30,1866951	37,755971	62,3646661	82,9158362	105,383528	144,215423	156,866274
930	30,2283717	37,8035039	62,4326547	82,9997623	105,485977	144,347437	157,007223
931	30,2700866	37,8510767	62,5006927	83,0837451	105,588493	144,479532	157,148255
932	30,3118398	37,8986893	62,5687801	83,1677845	105,691075	144,611707	157,289373
933	30,3536314	37,9463419	62,636917	83,2518806	105,793724	144,743963	157,430574
934	30,3954615	37,9940344	62,7051033	83,3360333	105,896439	144,876299	157,571861
935	30,4373299	38,0417668	62,7733339	83,4202427	105,99922	145,008716	157,713231
936	30,4792368	38,0895392	62,8416242	83,5045089	106,102068	145,141213	157,854686
937	30,5211821	38,1373516	62,909959	83,5888317	106,204983	145,273792	157,996226
938	30,5631659	38,1852039	62,9783433	83,6732113	106,307964	145,406451	158,137851
939	30,6051881	38,2330963	63,0467771	83,7576477	106,411011	145,539191	158,27956
940	30,6472489	38,2810287	63,1152604	83,8421408	106,514126	145,672011	158,421353
941	30,6893482	38,3290012	63,1837933	83,9266908	106,617306	145,804912	158,563231
942	30,731486	38,3770137	63,2523759	84,0112976	106,720554	145,937895	158,705194
943	30,7736624	38,4250663	63,321008	84,0959612	106,823868	146,070958	158,847242
944	30,8158773	38,473159	63,3896898	84,1806817	106,927248	146,204101	158,989374
945	30,8581308	38,5212918	63,4584212	84,265459	107,030695	146,337326	159,131591
946	30,900423	38,5694647	63,5272023	84,3502933	107,134209	146,470632	159,273893
947	30,9427537	38,6176778	63,596033	84,4351845	107,23779	146,604018	159,41628
948	30,9851231	38,665931	63,6649135	84,5201326	107,341438	146,737486	159,558752
949	31,0275312	38,7142244	63,7338436	84,6051377	107,445152	146,871034	159,701308
950	31,069978	38,762558	63,8028236	84,6901998	107,548933	147,004664	159,843949
951	31,1124634	38,8109319	63,8718532	84,7753188	107,652781	147,138374	159,986676
952	31,1549875	38,8593459	63,9409327	84,8604949	107,756695	147,272166	160,129487
953	31,1975504	38,9078002	64,0100619	84,945728	107,860677	147,406038	160,272383
954	31,240152	38,9562947	64,0792409	85,0310181	107,964725	147,539992	160,415364
955	31,2827924	39,0048296	64,1484698	85,1163653	108,06884	147,674027	160,55843
956	31,3254716	39,0534047	64,2177485	85,2017697	108,173023	147,808143	160,701581
957	31,3681896	39,1020202	64,287077	85,2872311	108,277272	147,94234	160,844818

958	31,4109464	39,1506759	64,3564555	85,3727496	108,381588	148,076619	160,988139
959	31,453742	39,199372	64,4258838	85,4583253	108,485971	148,210978	161,131545
960	31,4965765	39,2481085	64,4953621	85,5439582	108,590421	148,345419	161,275037
961	31,5394498	39,2968854	64,5648903	85,6296482	108,694938	148,479941	161,418614
962	31,5823621	39,3457026	64,6344684	85,7153955	108,799522	148,614545	161,562275
963	31,6253132	39,3945603	64,7040965	85,8012	108,904173	148,749229	161,706023
964	31,6683033	39,4434584	64,7737746	85,8870617	109,008891	148,883996	161,849855
965	31,7113323	39,492397	64,8435027	85,9729807	109,113677	149,018843	161,993773
966	31,7544003	39,541376	64,9132809	86,058957	109,218529	149,153772	162,137776
967	31,7975072	39,5903954	64,983109	86,1449905	109,323449	149,288782	162,281864
968	31,8406532	39,6394554	65,0529872	86,2310814	109,428436	149,423874	162,426037
969	31,8838381	39,6885559	65,1229155	86,3172297	109,53349	149,559047	162,570296
970	31,9270621	39,737697	65,1928939	86,4034352	109,638611	149,694302	162,714641
971	31,9703252	39,7868785	65,2629225	86,4896982	109,743799	149,829638	162,85907
972	32,0136273	39,8361007	65,3330011	86,5760186	109,849055	149,965056	163,003585
973	32,0569684	39,8853634	65,4031299	86,6623963	109,954378	150,100555	163,148186
974	32,1003487	39,9346667	65,4733088	86,7488315	110,059768	150,236136	163,292872
975	32,1437681	39,9840106	65,543538	86,8353242	110,165226	150,371799	163,437644
976	32,1872267	40,0333952	65,6138173	86,9218743	110,270751	150,507543	163,582501
977	32,2307244	40,0828204	65,6841469	87,008482	110,376343	150,643369	163,727444
978	32,2742612	40,1322862	65,7545267	87,0951471	110,482003	150,779277	163,872472
979	32,3178373	40,1817928	65,8249567	87,1818698	110,58773	150,915266	164,017586
980	32,3614525	40,23134	65,8954371	87,26865	110,693525	151,051337	164,162786
981	32,405107	40,280928	65,9659677	87,3554878	110,799387	151,18749	164,308071
982	32,4488007	40,3305567	66,0365486	87,4423831	110,905316	151,323725	164,453442
983	32,4925337	40,3802261	66,1071799	87,5293361	111,011313	151,460041	164,598899
984	32,5363059	40,4299363	66,1778615	87,6163467	111,117378	151,596439	164,744441
985	32,5801175	40,4796873	66,2485935	87,703415	111,22351	151,732919	164,89007
986	32,6239683	40,529479	66,3193758	87,7905409	111,329709	151,869481	165,035784
987	32,6678585	40,5793116	66,3902086	87,8777245	111,435976	152,006125	165,181583
988	32,7117881	40,629185	66,4610917	87,9649658	111,542311	152,142851	165,327469
989	32,755757	40,6790993	66,5320253	88,0522648	111,648714	152,279659	165,473441
990	32,7997653	40,7290544	66,6030094	88,1396215	111,755184	152,416549	165,619498
991	32,8438129	40,7790505	66,6740439	88,227036	111,861721	152,553521	165,765641
992	32,8879	40,8290874	66,7451289	88,3145083	111,968327	152,690575	165,911871
993	32,9320266	40,8791652	66,8162645	88,4020384	112,075	152,827711	166,058186
994	32,9761926	40,9292839	66,8874505	88,4896263	112,181741	152,964929	166,204587
995	33,020398	40,9794436	66,9586871	88,577272	112,288549	153,102229	166,351075
996	33,064643	41,0296443	67,0299743	88,6649756	112,395425	153,239611	166,497648
997	33,1089274	41,079886	67,101312	88,7527371	112,50237	153,377075	166,644307
998	33,1532514	41,1301686	67,1727003	88,8405564	112,609382	153,514622	166,791053
999	33,1976149	41,1804923	67,2441393	88,9284337	112,716461	153,652251	166,937884
1000	33,242018	41,230857	67,3156289	89,0163689	112,823609	153,789962	167,084802
1001	33,2864606	41,2812627	67,3871691	89,1043621	112,930825	153,927755	167,231806
1002	33,3309429	41,3317095	67,45876	89,1924132	113,038108	154,065631	167,378896
1003	33,3754648	41,3821974	67,5304016	89,2805223	113,145459	154,203589	167,526073

1004	33,4200262	41,4327264	67,6020939	89,3686894	113,252879	154,341629	167,673335
1005	33,4646274	41,4832965	67,6738369	89,4569145	113,360366	154,479752	167,820684
1006	33,5092682	41,5339077	67,7456306	89,5451977	113,467921	154,617957	167,96812
1007	33,5539486	41,5845601	67,8174751	89,633539	113,575545	154,756244	168,115641
1008	33,5986688	41,6352536	67,8893704	89,7219383	113,683236	154,894614	168,263249
1009	33,6434287	41,6859884	67,9613165	89,8103957	113,790995	155,033066	168,410943
1010	33,6882284	41,7367643	68,0333134	89,8989113	113,898823	155,171601	168,558724
1011	33,7330677	41,7875814	68,1053611	89,987485	114,006718	155,310218	168,706591
1012	33,7779469	41,8384398	68,1774597	90,0761168	114,114682	155,448918	168,854545
1013	33,8228658	41,8893394	68,2496091	90,1648069	114,222714	155,5877	169,002585
1014	33,8678246	41,9402803	68,3218095	90,2535551	114,330814	155,726565	169,150711
1015	33,9128232	41,9912625	68,3940607	90,3423615	114,438982	155,865513	169,298924
1016	33,9578616	42,0422859	68,4663628	90,4312262	114,547218	156,004543	169,447224
1017	34,0029398	42,0933507	68,5387159	90,5201492	114,655523	156,143655	169,59561
1018	34,048058	42,1444568	68,6111199	90,6091304	114,763895	156,282851	169,744083
1019	34,093216	42,1956043	68,683575	90,6981699	114,872336	156,422129	169,892642
1020	34,138414	42,2467931	68,756081	90,7872677	114,980846	156,56149	170,041288
1021	34,1836518	42,2980233	68,828638	90,8764238	115,089424	156,700934	170,190021
1022	34,2289297	42,3492949	68,901246	90,9656383	115,19807	156,84046	170,33884
1023	34,2742475	42,400608	68,9739051	91,0549112	115,306784	156,980069	170,487747
1024	34,3196052	42,4519624	69,0466152	91,1442425	115,415567	157,119761	170,63674
1025	34,365003	42,5033583	69,1193765	91,2336321	115,524418	157,259536	170,785819
1026	34,4104408	42,5547957	69,1921888	91,3230802	115,633337	157,399394	170,934986
1027	34,4559186	42,6062746	69,2650522	91,4125868	115,742325	157,539335	171,084239
1028	34,5014365	42,6577949	69,3379668	91,5021518	115,851382	157,679358	171,233579
1029	34,5469944	42,7093568	69,4109326	91,5917752	115,960507	157,819465	171,383006
1030	34,5925925	42,7609602	69,4839495	91,6814572	116,0697	157,959654	171,53252
1031	34,6382306	42,8126052	69,5570176	91,7711977	116,178962	158,099927	171,682121
1032	34,6839089	42,8642917	69,6301369	91,8609968	116,288293	158,240282	171,831809
1033	34,7296273	42,9160198	69,7033074	91,9508544	116,397692	158,380721	171,981584
1034	34,7753858	42,9677895	69,7765292	92,0407706	116,507159	158,521242	172,131446
1035	34,8211845	43,0196008	69,8498022	92,1307454	116,616696	158,661847	172,281395
1036	34,8670235	43,0714538	69,9231265	92,2207788	116,726301	158,802535	172,431431
1037	34,9129026	43,1233484	69,9965021	92,3108709	116,835974	158,943306	172,581554
1038	34,958822	43,1752847	70,069929	92,4010216	116,945716	159,08416	172,731764
1039	35,0047816	43,2272626	70,1434073	92,4912309	117,055527	159,225097	172,882061
1040	35,0507815	43,2792823	70,2169369	92,581499	117,165407	159,366118	173,032446
1041	35,0968216	43,3313437	70,2905178	92,6718258	117,275355	159,507221	173,182917
1042	35,1429021	43,3834468	70,3641502	92,7622113	117,385373	159,648408	173,333476
1043	35,1890229	43,4355916	70,4378339	92,8526556	117,495459	159,789679	173,484122
1044	35,235184	43,4877782	70,5115691	92,9431586	117,605613	159,931032	173,634856
1045	35,2813854	43,5400066	70,5853557	93,0337204	117,715837	160,072469	173,785676
1046	35,3276272	43,5922769	70,6591938	93,1243411	117,826129	160,21399	173,936584
1047	35,3739095	43,6445889	70,7330834	93,2150205	117,936491	160,355593	174,08758
1048	35,4202321	43,6969427	70,8070244	93,3057589	118,046921	160,497281	174,238662
1049	35,4665951	43,7493384	70,881017	93,396556	118,15742	160,639051	174,389832

1050	35,5129986	43,801776	70,9550611	93,4874121	118,267988	160,780905	174,54109
1051	35,5594426	43,8542555	71,0291567	93,5783271	118,378625	160,922843	174,692434
1052	35,605927	43,9067768	71,1033039	93,6693009	118,489331	161,064864	174,843867
1053	35,6524519	43,9593401	71,1775027	93,7603338	118,600106	161,206968	174,995387
1054	35,6990173	44,0119453	71,2517531	93,8514256	118,71095	161,349156	175,146994
1055	35,7456232	44,0645925	71,3260551	93,9425763	118,821863	161,491428	175,298689
1056	35,7922697	44,1172816	71,4004087	94,0337861	118,932845	161,633784	175,450471
1057	35,8389568	44,1700128	71,474814	94,1250549	119,043896	161,776222	175,602341
1058	35,8856844	44,2227859	71,549271	94,2163827	119,155017	161,918745	175,754299
1059	35,9324527	44,275601	71,6237797	94,3077696	119,266206	162,061351	175,906344
1060	35,9792615	44,3284582	71,69834	94,3992156	119,377465	162,204041	176,058477
1061	36,026111	44,3813574	71,7729521	94,4907206	119,488792	162,346815	176,210698
1062	36,0730011	44,4342987	71,847616	94,5822848	119,600189	162,489673	176,363006
1063	36,119932	44,4872821	71,9223316	94,6739081	119,711656	162,632614	176,515402
1064	36,1669035	44,5403075	71,997099	94,7655906	119,823191	162,775639	176,667886
1065	36,2139157	44,5933751	72,0719182	94,8573322	119,934796	162,918748	176,820458
1066	36,2609686	44,6464849	72,1467892	94,949133	120,046469	163,061941	176,973117
1067	36,3080622	44,6996367	72,221712	95,040993	120,158213	163,205217	177,125864
1068	36,3551967	44,7528308	72,2966867	95,1329123	120,270025	163,348578	177,2787
1069	36,4023718	44,806067	72,3717133	95,2248908	120,381907	163,492022	177,431623
1070	36,4495878	44,8593455	72,4467917	95,3169286	120,493858	163,635551	177,584634
1071	36,4968446	44,9126661	72,5219221	95,4090256	120,605879	163,779163	177,737733
1072	36,5441423	44,966029	72,5971043	95,501182	120,717969	163,92286	177,890919
1073	36,5914807	45,0194342	72,6723386	95,5933977	120,830129	164,06664	178,044194
1074	36,6388601	45,0728816	72,7476247	95,6856727	120,942357	164,210504	178,197557
1075	36,6862803	45,1263713	72,8229629	95,7780071	121,054656	164,354453	178,351008
1076	36,7337414	45,1799033	72,8983531	95,8704008	121,167024	164,498486	178,504547
1077	36,7812434	45,2334776	72,9737952	95,962854	121,279461	164,642602	178,658174
1078	36,8287864	45,2870942	73,0492894	96,0553666	121,391968	164,786803	178,811889
1079	36,8763703	45,3407532	73,1248357	96,1479386	121,504545	164,931088	178,965693
1080	36,9239952	45,3944546	73,200434	96,2405701	121,617191	165,075458	179,119584
1081	36,971661	45,4481984	73,2760844	96,3332611	121,729906	165,219911	179,273564
1082	37,0193679	45,5019845	73,3517869	96,4260115	121,842692	165,364449	179,427632
1083	37,0671158	45,5558131	73,4275416	96,5188215	121,955547	165,509071	179,581788
1084	37,1149047	45,6096841	73,5033483	96,611691	122,068471	165,653777	179,736033
1085	37,1627347	45,6635976	73,5792072	96,7046201	122,181465	165,798568	179,890365
1086	37,2106058	45,7175535	73,6551184	96,7976087	122,294529	165,943443	180,044786
1087	37,258518	45,771552	73,7310816	96,8906569	122,407663	166,088402	180,199296
1088	37,3064712	45,8255929	73,8070972	96,9837648	122,520867	166,233446	180,353894
1089	37,3544656	45,8796763	73,8831649	97,0769322	122,63414	166,378574	180,50858
1090	37,4025012	45,9338023	73,9592849	97,1701593	122,747483	166,523787	180,663355
1091	37,4505779	45,9879708	74,0354571	97,2634461	122,860896	166,669084	180,818218
1092	37,4986958	46,0421819	74,1116817	97,3567926	122,974379	166,814466	180,973169
1093	37,5468548	46,0964356	74,1879585	97,4501988	123,087931	166,959932	181,128209
1094	37,5950551	46,1507319	74,2642876	97,5436646	123,201554	167,105483	181,283338
1095	37,6432967	46,2050708	74,3406691	97,6371903	123,315246	167,251118	181,438555

1096	37,6915795	46,2594524	74,417103	97,7307757	123,429008	167,396838	181,593861
1097	37,7399035	46,3138766	74,4935892	97,8244209	123,54284	167,542642	181,749255
1098	37,7882688	46,3683435	74,5701278	97,9181259	123,656743	167,688531	181,904738
1099	37,8366755	46,422853	74,6467188	98,0118907	123,770715	167,834505	182,060309
1100	37,8851234	46,4774053	74,7233623	98,1057153	123,884757	167,980563	182,21597
1101	37,9336128	46,5320003	74,8000581	98,1995998	123,998869	168,126706	182,371718
1102	37,9821434	46,586638	74,8768065	98,2935442	124,113051	168,272934	182,527556
1103	38,0307154	46,6413185	74,9536073	98,3875485	124,227304	168,419247	182,683483
1104	38,0793289	46,6960417	75,0304606	98,4816127	124,341626	168,565644	182,839498
1105	38,1279837	46,7508078	75,1073665	98,5757368	124,456019	168,712127	182,995602
1106	38,17668	46,8056166	75,1843249	98,6699209	124,570481	168,858694	183,151795
1107	38,2254177	46,8604683	75,2613358	98,7641649	124,685014	169,005346	183,308076
1108	38,2741968	46,9153627	75,3383993	98,858469	124,799617	169,152082	183,464447
1109	38,3230175	46,9703001	75,4155154	98,952833	124,91429	169,298904	183,620906
1110	38,3718796	47,0252803	75,4926841	99,0472571	125,029034	169,445811	183,777455
1111	38,4207833	47,0803034	75,5699054	99,1417413	125,143848	169,592802	183,934092
1112	38,4697285	47,1353694	75,6471794	99,2362855	125,258732	169,739879	184,090818
1113	38,5187153	47,1904784	75,724506	99,3308898	125,373686	169,887041	184,247633
1114	38,5677436	47,2456302	75,8018853	99,4255542	125,48871	170,034287	184,404538
1115	38,6168135	47,300825	75,8793173	99,5202787	125,603805	170,181619	184,561531
1116	38,665925	47,3560628	75,956802	99,6150634	125,718971	170,329036	184,718614
1117	38,7150781	47,4113436	76,0343394	99,7099082	125,834206	170,476538	184,875785
1118	38,7642729	47,4666674	76,1119296	99,8048132	125,949512	170,624125	185,033046
1119	38,8135093	47,5220342	76,1895725	99,8997784	126,064889	170,771797	185,190396
1120	38,8627874	47,5774441	76,2672683	99,9948039	126,180335	170,919554	185,347835
1121	38,9121072	47,6328969	76,3450168	100,08989	126,295853	171,067397	185,505363
1122	38,9614687	47,6883929	76,4228182	100,185036	126,411441	171,215325	185,662981
1123	39,0108719	47,743932	76,5006724	100,280242	126,527099	171,363338	185,820687
1124	39,0603169	47,7995141	76,5785794	100,375508	126,642828	171,511436	185,978483
1125	39,1098036	47,8551394	76,6565394	100,470835	126,758627	171,65962	186,136369
1126	39,1593321	47,9108078	76,7345522	100,566222	126,874497	171,807889	186,294343
1127	39,2089024	47,9665194	76,8126179	100,66167	126,990438	171,956243	186,452407
1128	39,2585145	48,0222742	76,8907366	100,757178	127,106449	172,104683	186,610561
1129	39,3081685	48,0780721	76,9689082	100,852746	127,222531	172,253208	186,768803
1130	39,3578643	48,1339132	77,0471328	100,948375	127,338683	172,401818	186,927136
1131	39,407602	48,1897976	77,1254104	101,044064	127,454906	172,550514	187,085557
1132	39,4573815	48,2457252	77,2037409	101,139813	127,5712	172,699296	187,244069
1133	39,507203	48,3016961	77,2821245	101,235623	127,687565	172,848163	187,402669
1134	39,5570664	48,3577102	77,3605611	101,331494	127,804	172,997115	187,561359
1135	39,6069717	48,4137676	77,4390508	101,427425	127,920506	173,146153	187,720139
1136	39,656919	48,4698683	77,5175935	101,523417	128,037083	173,295277	187,879009
1137	39,7069082	48,5260124	77,5961894	101,619469	128,15373	173,444486	188,037968
1138	39,7569395	48,5821998	77,6748383	101,715581	128,270449	173,593781	188,197016
1139	39,8070127	48,6384305	77,7535404	101,811755	128,387238	173,743161	188,356154
1140	39,857128	48,6947046	77,8322956	101,907989	128,504098	173,892627	188,515382
1141	39,9072853	48,7510221	77,9111039	102,004283	128,621029	174,042179	188,6747

1142	39,9574847	48,807383	77,9899655	102,100638	128,738031	174,191817	188,834107
1143	40,0077262	48,8637873	78,0688802	102,197054	128,855104	174,34154	188,993605
1144	40,0580097	48,9202351	78,1478482	102,29353	128,972248	174,491349	189,153192
1145	40,1083354	48,9767263	78,2268694	102,390068	129,089463	174,641244	189,312868
1146	40,1587032	49,033261	78,3059439	102,486665	129,206749	174,791225	189,472635
1147	40,2091132	49,0898392	78,3850716	102,583324	129,324106	174,941291	189,632491
1148	40,2595653	49,1464609	78,4642526	102,680043	129,441534	175,091444	189,792438
1149	40,3100596	49,2031261	78,5434869	102,776824	129,559032	175,241682	189,952474
1150	40,3605962	49,2598349	78,6227745	102,873665	129,676603	175,392006	190,1126
1151	40,4111749	49,3165872	78,7021155	102,970566	129,794244	175,542416	190,272816
1152	40,4617959	49,3733831	78,7815098	103,067529	129,911956	175,692912	190,433123
1153	40,5124591	49,4302225	78,8609576	103,164552	130,029739	175,843494	190,593519
1154	40,5631646	49,4871056	78,9404587	103,261637	130,147594	175,994162	190,754005
1155	40,6139124	49,5440323	79,0200132	103,358782	130,26552	176,144917	190,914581
1156	40,6647025	49,6010026	79,0996211	103,455988	130,383517	176,295757	191,075248
1157	40,7155349	49,6580166	79,1792825	103,553255	130,501585	176,446683	191,236004
1158	40,7664097	49,7150743	79,2589974	103,650583	130,619724	176,597696	191,396851
1159	40,8173268	49,7721757	79,3387658	103,747972	130,737935	176,748794	191,557787
1160	40,8682864	49,8293207	79,4185876	103,845422	130,856217	176,899979	191,718814
1161	40,9192883	49,8865095	79,498463	103,942933	130,974571	177,05125	191,879932
1162	40,9703326	49,9437421	79,5783919	104,040505	131,092995	177,202607	192,041139
1163	41,0214194	50,0010183	79,6583744	104,138138	131,211492	177,35405	192,202437
1164	41,0725486	50,0583384	79,7384104	104,235832	131,330059	177,50558	192,363825
1165	41,1237202	50,1157023	79,8185001	104,333587	131,448698	177,657196	192,525303
1166	41,1749344	50,1731099	79,8986433	104,431403	131,567408	177,808898	192,686872
1167	41,2261911	50,2305614	79,9788402	104,529281	131,68619	177,960687	192,848531
1168	41,2774903	50,2880567	80,0590907	104,627219	131,805043	178,112562	193,01028
1169	41,328832	50,3455959	80,1393949	104,725219	131,923968	178,264523	193,17212
1170	41,3802163	50,403179	80,2197528	104,82328	132,042964	178,416571	193,33405
1171	41,4316431	50,4608059	80,3001644	104,921402	132,162032	178,568705	193,496071
1172	41,4831126	50,5184767	80,3806296	105,019585	132,281171	178,720925	193,658182
1173	41,5346246	50,5761915	80,4611487	105,117829	132,400382	178,873232	193,820384
1174	41,5861793	50,6339502	80,5417214	105,216135	132,519665	179,025626	193,982676
1175	41,6377766	50,6917529	80,622348	105,314502	132,639019	179,178106	194,145059
1176	41,6894166	50,7495996	80,7030283	105,41293	132,758445	179,330673	194,307532
1177	41,7410992	50,8074902	80,7837625	105,51142	132,877942	179,483326	194,470097
1178	41,7928246	50,8654248	80,8645504	105,609971	132,997511	179,636066	194,632751
1179	41,8445927	50,9234035	80,9453923	105,708583	133,117152	179,788892	194,795497
1180	41,8964035	50,9814262	81,0262879	105,807257	133,236864	179,941805	194,958333
1181	41,948257	51,039493	81,1072375	105,905992	133,356649	180,094805	195,12126
1182	42,0001533	51,0976038	81,188241	106,004788	133,476505	180,247892	195,284277
1183	42,0520925	51,1557588	81,2692983	106,103646	133,596433	180,401065	195,447385
1184	42,1040744	51,2139578	81,3504096	106,202565	133,716432	180,554325	195,610585
1185	42,1560991	51,272201	81,4315749	106,301546	133,836504	180,707672	195,773875
1186	42,2081667	51,3304883	81,5127941	106,400588	133,956647	180,861105	195,937255
1187	42,2602771	51,3888197	81,5940673	106,499692	134,076863	181,014626	196,100727

1188	42,3124304	51,4471954	81,6753945	106,598857	134,19715	181,168233	196,26429
1189	42,3646265	51,5056152	81,7567758	106,698084	134,317509	181,321927	196,427943
1190	42,4168656	51,5640793	81,838211	106,797373	134,43794	181,475708	196,591688
1191	42,4691477	51,6225875	81,9197004	106,896723	134,558443	181,629576	196,755523
1192	42,5214726	51,68114	82,0012438	106,996134	134,679018	181,783531	196,919449
1193	42,5738405	51,7397368	82,0828413	107,095607	134,799665	181,937573	197,083467
1194	42,6262514	51,7983778	82,1644929	107,195142	134,920384	182,091702	197,247575
1195	42,6787053	51,8570632	82,2461987	107,294738	135,041175	182,245918	197,411775
1196	42,7312022	51,9157928	82,3279586	107,394396	135,162038	182,400221	197,576066
1197	42,7837422	51,9745668	82,4097726	107,494116	135,282973	182,554611	197,740447
1198	42,8363252	52,0333851	82,4916409	107,593898	135,403981	182,709088	197,90492
1199	42,8889512	52,0922478	82,5735633	107,693741	135,52506	182,863652	198,069484
1200	42,9416204	52,1511548	82,65554	107,793646	135,646212	183,018304	198,23414
1201	42,9943326	52,2101062	82,7375709	107,893613	135,767436	183,173042	198,398886
1202	43,047088	52,2691021	82,8196561	107,993641	135,888732	183,327868	198,563724
1203	43,0998865	52,3281423	82,9017955	108,093732	136,0101	183,482781	198,728653
1204	43,1527281	52,3872271	82,9839893	108,193884	136,13154	183,637781	198,893674
1205	43,205613	52,4463562	83,0662373	108,294098	136,253053	183,792869	199,058785
1206	43,258541	52,5055299	83,1485397	108,394374	136,374638	183,948043	199,223988
1207	43,3115122	52,564748	83,2308964	108,494711	136,496296	184,103305	199,389283
1208	43,3645267	52,6240107	83,3133075	108,595111	136,618025	184,258655	199,554669
1209	43,4175844	52,6833178	83,3957729	108,695573	136,739827	184,414092	199,720146
1210	43,4706853	52,7426696	83,4782928	108,796096	136,861702	184,569616	199,885715
1211	43,5238296	52,8020658	83,5608671	108,896682	136,983649	184,725227	200,051375
1212	43,5770171	52,8615067	83,6434958	108,997329	137,105668	184,880926	200,217127
1213	43,6302479	52,9209921	83,7261789	109,098038	137,227759	185,036713	200,38297
1214	43,6835221	52,9805222	83,8089166	109,19881	137,349924	185,192587	200,548905
1215	43,7368396	53,0400969	83,8917087	109,299643	137,47216	185,348548	200,714931
1216	43,7902005	53,0997162	83,9745554	109,400539	137,594469	185,504598	200,881049
1217	43,8436048	53,1593802	84,0574565	109,501497	137,716851	185,660734	201,047259
1218	43,8970525	53,2190888	84,1404122	109,602516	137,839305	185,816958	201,21356
1219	43,9505436	53,2788422	84,2234225	109,703598	137,961832	185,97327	201,379953
1220	44,0040781	53,3386402	84,3064873	109,804742	138,084431	186,12967	201,546437
1221	44,0576561	53,398483	84,3896068	109,905948	138,207103	186,286157	201,713014
1222	44,1112776	53,4583706	84,4727808	110,007216	138,329848	186,442732	201,879682
1223	44,1649425	53,5183029	84,5560095	110,108547	138,452665	186,599394	202,046442
1224	44,218651	53,5782799	84,6392928	110,209939	138,575555	186,756144	202,213294
1225	44,272403	53,6383018	84,7226308	110,311394	138,698518	186,912982	202,380237
1226	44,3261985	53,6983685	84,8060235	110,412911	138,821553	187,069908	202,547273
1227	44,3800376	53,75848	84,8894709	110,514491	138,944661	187,226922	202,7144
1228	44,4339202	53,8186363	84,9729731	110,616133	139,067842	187,384023	202,881619
1229	44,4878465	53,8788375	85,0565299	110,717836	139,191095	187,541212	203,04893
1230	44,5418164	53,9390836	85,1401415	110,819603	139,314422	187,69849	203,216334
1231	44,5958299	53,9993746	85,2238079	110,921431	139,437821	187,855855	203,383829
1232	44,649887	54,0597105	85,3075291	111,023322	139,561293	188,013308	203,551416
1233	44,7039878	54,1200913	85,3913051	111,125276	139,684838	188,170849	203,719095

1234	44,7581323	54,180517	85,475136	111,227292	139,808456	188,328477	203,886866
1235	44,8123205	54,2409878	85,5590216	111,32937	139,932147	188,486194	204,054729
1236	44,8665525	54,3015034	85,6429622	111,43151	140,05591	188,643999	204,222685
1237	44,9208281	54,3620641	85,7269576	111,533713	140,179747	188,801892	204,390732
1238	44,9751475	54,4226698	85,8110079	111,635979	140,303657	188,959874	204,558872
1239	45,0295107	54,4833206	85,8951132	111,738307	140,427639	189,117943	204,727104
1240	45,0839177	54,5440163	85,9792734	111,840698	140,551695	189,2761	204,895428
1241	45,1383685	54,6047572	86,0634885	111,943151	140,675823	189,434346	205,063844
1242	45,1928631	54,6655431	86,1477586	112,045666	140,800025	189,592679	205,232353
1243	45,2474015	54,7263741	86,2320837	112,148245	140,9243	189,751101	205,400954
1244	45,3019839	54,7872502	86,3164639	112,250885	141,048648	189,909611	205,569647
1245	45,35661	54,8481714	86,400899	112,353589	141,173069	190,06821	205,738433
1246	45,4112801	54,9091378	86,4853892	112,456355	141,297563	190,226896	205,907311
1247	45,4659941	54,9701494	86,5699345	112,559183	141,42213	190,385671	206,076281
1248	45,5207521	55,0312061	86,6545348	112,662075	141,546771	190,544534	206,245344
1249	45,5755539	55,092308	86,7391902	112,765029	141,671485	190,703486	206,414499
1250	45,6303998	55,1534552	86,8239008	112,868045	141,796272	190,862526	206,583746
1251	45,6852896	55,2146475	86,9086665	112,971125	141,921132	191,021654	206,753086
1252	45,7402234	55,2758851	86,9934873	113,074267	142,046066	191,180871	206,922519
1253	45,7952013	55,337168	87,0783633	113,177472	142,171072	191,340176	207,092044
1254	45,8502232	55,3984962	87,1632945	113,28074	142,296152	191,49957	207,261662
1255	45,9052891	55,4598696	87,2482809	113,38407	142,421306	191,659052	207,431372
1256	45,9603991	55,5212884	87,3333225	113,487464	142,546533	191,818623	207,601175
1257	46,0155532	55,5827524	87,4184194	113,59092	142,671833	191,978282	207,771071
1258	46,0707514	55,6442619	87,5035715	113,694439	142,797207	192,13803	207,941059
1259	46,1259937	55,7058167	87,588779	113,798021	142,922654	192,297866	208,11114
1260	46,1812802	55,7674168	87,6740417	113,901666	143,048174	192,457791	208,281314
1261	46,2366108	55,8290624	87,7593597	114,005373	143,173768	192,617805	208,45158
1262	46,2919856	55,8907534	87,844733	114,109144	143,299436	192,777908	208,621939
1263	46,3474046	55,9524898	87,9301617	114,212977	143,425177	192,938099	208,792391
1264	46,4028678	56,0142716	88,0156458	114,316874	143,550991	193,098378	208,962936
1265	46,4583753	56,0760989	88,1011853	114,420834	143,676879	193,258747	209,133573
1266	46,513927	56,1379717	88,1867801	114,524856	143,802841	193,419204	209,304304
1267	46,5695229	56,19989	88,2724304	114,628942	143,928876	193,57975	209,475127
1268	46,6251632	56,2618538	88,3581362	114,73309	144,054985	193,740385	209,646044
1269	46,6808477	56,3238631	88,4438973	114,837302	144,181168	193,901109	209,817053
1270	46,7365766	56,385918	88,529714	114,941577	144,307424	194,061921	209,988155
1271	46,7923498	56,4480185	88,6155861	115,045915	144,433754	194,222823	210,15935
1272	46,8481673	56,5101645	88,7015138	115,150316	144,560157	194,383813	210,330639
1273	46,9040293	56,5723561	88,787497	115,25478	144,686635	194,544893	210,50202
1274	46,9599356	56,6345933	88,8735357	115,359307	144,813186	194,706061	210,673494
1275	47,0158863	56,6968762	88,95963	115,463898	144,93981	194,867318	210,845062
1276	47,0718814	56,7592047	89,0457799	115,568551	145,066509	195,028665	211,016722
1277	47,127921	56,8215788	89,1319854	115,673268	145,193281	195,1901	211,188476
1278	47,1840051	56,8839987	89,2182465	115,778048	145,320128	195,351624	211,360323
1279	47,2401336	56,9464642	89,3045633	115,882892	145,447048	195,513238	211,532263

1280	47,2963066	57,0089755	89,3909357	115,987798	145,574042	195,67494	211,704296
1281	47,3525241	57,0715325	89,4773638	116,092768	145,70111	195,836732	211,876423
1282	47,4087862	57,1341352	89,5638475	116,197802	145,828251	195,998613	212,048643
1283	47,4650928	57,1967837	89,650387	116,302898	145,955467	196,160583	212,220956
1284	47,521444	57,259478	89,7369822	116,408058	146,082757	196,322642	212,393362
1285	47,5778397	57,322218	89,8236332	116,513282	146,210121	196,484791	212,565862
1286	47,6342801	57,3850039	89,9103399	116,618568	146,337558	196,647028	212,738455
1287	47,6907651	57,4478356	89,9971024	116,723918	146,46507	196,809356	212,911142
1288	47,7472947	57,5107132	90,0839206	116,829332	146,592656	196,971772	213,083922
1289	47,8038689	57,5736366	90,1707948	116,934809	146,720316	197,134278	213,256795
1290	47,8604879	57,6366059	90,2577247	117,04035	146,84805	197,296873	213,429762
1291	47,9171515	57,6996211	90,3447105	117,145953	146,975858	197,459557	213,602822
1292	47,9738598	57,7626822	90,4317521	117,251621	147,10374	197,622331	213,775976
1293	48,0306129	57,8257893	90,5188497	117,357352	147,231696	197,785194	213,949224
1294	48,0874107	57,8889423	90,6060032	117,463146	147,359727	197,948147	214,122565
1295	48,1442532	57,9521412	90,6932125	117,569005	147,487832	198,111189	214,296
1296	48,2011405	58,0153862	90,7804779	117,674926	147,616011	198,274321	214,469528
1297	48,2580727	58,0786771	90,8677991	117,780911	147,744264	198,437542	214,64315
1298	48,3150496	58,142014	90,9551764	117,88696	147,872591	198,600853	214,816866
1299	48,3720714	58,205397	91,0426097	117,993073	148,000993	198,764253	214,990675
1300	48,429138	58,2688261	91,1300989	118,099249	148,129469	198,927743	215,164578
1301	48,4862495	58,3323011	91,2176442	118,205489	148,25802	199,091323	215,338575
1302	48,5434058	58,3958223	91,3052456	118,311793	148,386644	199,254992	215,512665
1303	48,6006071	58,4593896	91,392903	118,41816	148,515344	199,418751	215,68685
1304	48,6578533	58,523003	91,4806165	118,524591	148,644117	199,582599	215,861128
1305	48,7151444	58,5866625	91,5683861	118,631086	148,772965	199,746538	216,0355
1306	48,7724804	58,6503682	91,6562119	118,737644	148,901887	199,910566	216,209966
1307	48,8298615	58,71412	91,7440937	118,844266	149,030884	200,074683	216,384526
1308	48,8872875	58,777918	91,8320318	118,950953	149,159956	200,238891	216,55918
1309	48,9447585	58,8417622	91,920026	119,057702	149,289101	200,403189	216,733927
1310	49,0022746	58,9056526	92,0080764	119,164516	149,418322	200,567576	216,908769
1311	49,0598357	58,9695893	92,096183	119,271394	149,547617	200,732053	217,083705
1312	49,1174419	59,0335722	92,1843458	119,378336	149,676986	200,89662	217,258735
1313	49,1750931	59,0976013	92,2725649	119,485341	149,80643	201,061277	217,433859
1314	49,2327894	59,1616768	92,3608402	119,59241	149,935949	201,226024	217,609076
1315	49,2905309	59,2257985	92,4491719	119,699544	150,065542	201,390861	217,784388
1316	49,3483174	59,2899666	92,5375598	119,806741	150,19521	201,555788	217,959795
1317	49,4061491	59,354181	92,6260041	119,914002	150,324953	201,720805	218,135295
1318	49,464026	59,4184417	92,7145046	120,021328	150,45477	201,885912	218,310889
1319	49,5219481	59,4827488	92,8030616	120,128717	150,584662	202,051109	218,486578
1320	49,5799154	59,5471023	92,8916749	120,23617	150,714629	202,216396	218,662361
1321	49,6379278	59,6115022	92,9803446	120,343688	150,84467	202,381773	218,838238
1322	49,6959855	59,6759485	93,0690707	120,451269	150,974786	202,547241	219,01421
1323	49,7540885	59,7404413	93,1578533	120,558915	151,104978	202,712798	219,190275
1324	49,8122368	59,8049804	93,2466923	120,666624	151,235244	202,878446	219,366436
1325	49,8704303	59,8695661	93,3355877	120,774398	151,365584	203,044184	219,54269

1326	49,9286691	59,9341982	93,4245396	120,882236	151,496	203,210012	219,719039
1327	49,9869533	59,9988769	93,5135481	120,990138	151,62649	203,375931	219,895482
1328	50,0452828	60,063602	93,602613	121,098105	151,757056	203,541939	220,07202
1329	50,1036576	60,1283737	93,6917345	121,206135	151,887696	203,708038	220,248652
1330	50,1620779	60,1931919	93,7809125	121,31423	152,018412	203,874228	220,425379
1331	50,2205435	60,2580567	93,8701471	121,422389	152,149202	204,040508	220,6022
1332	50,2790545	60,3229681	93,9594383	121,530612	152,280067	204,206878	220,779116
1333	50,337611	60,3879261	94,0487861	121,6389	152,411007	204,373338	220,956126
1334	50,3962129	60,4529306	94,1381905	121,747252	152,542023	204,539889	221,133231
1335	50,4548603	60,5179819	94,2276515	121,855668	152,673113	204,706531	221,31043
1336	50,5135531	60,5830797	94,3171693	121,964148	152,804279	204,873263	221,487724
1337	50,5722915	60,6482243	94,4067437	122,072693	152,935519	205,040085	221,665113
1338	50,6310754	60,7134155	94,4963747	122,181303	153,066835	205,206998	221,842596
1339	50,6899048	60,7786534	94,5860625	122,289976	153,198226	205,374002	222,020175
1340	50,7487797	60,8439381	94,6758071	122,398714	153,329692	205,541096	222,197848
1341	50,8077003	60,9092694	94,7656084	122,507517	153,461233	205,708281	222,375615
1342	50,8666664	60,9746476	94,8554664	122,616384	153,59285	205,875556	222,553478
1343	50,9256781	61,0400724	94,9453813	122,725315	153,724541	206,042922	222,731435
1344	50,9847355	61,1055441	95,0353529	122,834311	153,856308	206,210379	222,909487
1345	51,0438385	61,1710626	95,1253814	122,943372	153,98815	206,377926	223,087634
1346	51,1029871	61,2366279	95,2154667	123,052497	154,120068	206,545564	223,265876
1347	51,1621814	61,30224	95,3056088	123,161687	154,252061	206,713293	223,444213
1348	51,2214215	61,367899	95,3958078	123,270941	154,384129	206,881113	223,622644
1349	51,2807072	61,4336048	95,4860638	123,38026	154,516272	207,049023	223,801171
1350	51,3400387	61,4993575	95,5763766	123,489643	154,648491	207,217025	223,979793
1351	51,3994159	61,5651572	95,6667464	123,599091	154,780786	207,385117	224,158509
1352	51,4588388	61,6310037	95,7571731	123,708604	154,913155	207,5533	224,337321
1353	51,5183076	61,6968972	95,8476567	123,818181	155,045601	207,721574	224,516228
1354	51,5778221	61,7628376	95,9381974	123,927823	155,178121	207,889939	224,69523
1355	51,6373825	61,828825	96,0287951	124,03753	155,310717	208,058395	224,874327
1356	51,6969887	61,8948594	96,1194497	124,147301	155,443389	208,226942	225,053519
1357	51,7566408	61,9609407	96,2101614	124,257137	155,576136	208,395579	225,232806
1358	51,8163387	62,0270691	96,3009302	124,367038	155,708959	208,564308	225,412189
1359	51,8760825	62,0932445	96,391756	124,477004	155,841857	208,733128	225,591667
1360	51,9358722	62,159467	96,482639	124,587034	155,974831	208,902039	225,77124
1361	51,9957078	62,2257366	96,573579	124,69713	156,107881	209,071041	225,950908
1362	52,0555894	62,2920532	96,6645762	124,80729	156,241006	209,240134	226,130671
1363	52,115517	62,3584169	96,7556305	124,917515	156,374207	209,409319	226,31053
1364	52,1754905	62,4248278	96,8467419	125,027805	156,507483	209,578594	226,490485
1365	52,23551	62,4912858	96,9379106	125,13816	156,640835	209,747961	226,670534
1366	52,2955755	62,5577909	97,0291364	125,24858	156,774263	209,917419	226,850679
1367	52,355687	62,6243432	97,1204195	125,359064	156,907767	210,086968	227,030919
1368	52,4158446	62,6909427	97,2117598	125,469614	157,041347	210,256609	227,211255
1369	52,4760483	62,7575894	97,3031573	125,580229	157,175002	210,42634	227,391687
1370	52,536298	62,8242833	97,3946122	125,690908	157,308733	210,596163	227,572213
1371	52,5965939	62,8910244	97,4861243	125,801653	157,44254	210,766078	227,752836

1372	52,6569358	62,9578128	97,5776937	125,912462	157,576423	210,936084	227,933554
1373	52,7173239	63,0246485	97,6693204	126,023337	157,710381	211,106181	228,114367
1374	52,7777581	63,0915314	97,7610045	126,134277	157,844416	211,276369	228,295276
1375	52,8382386	63,1584616	97,8527459	126,245282	157,978526	211,446649	228,476281
1376	52,8987652	63,2254392	97,9445447	126,356352	158,112713	211,617021	228,657381
1377	52,959338	63,2924641	98,0364009	126,467487	158,246975	211,787484	228,838577
1378	53,019957	63,3595364	98,1283145	126,578687	158,381313	211,958038	229,019869
1379	53,0806222	63,426656	98,2202856	126,689952	158,515728	212,128684	229,201256
1380	53,1413338	63,493823	98,3123141	126,801283	158,650218	212,299422	229,382739
1381	53,2020916	63,5610374	98,4044	126,912679	158,784784	212,470251	229,564318
1382	53,2628956	63,6282992	98,4965435	127,02414	158,919427	212,641172	229,745993
1383	53,323746	63,6956085	98,5887444	127,135666	159,054146	212,812185	229,927764
1384	53,3846428	63,7629652	98,6810029	127,247258	159,18894	212,983289	230,10963
1385	53,4455858	63,8303694	98,7733189	127,358914	159,323811	213,154485	230,291592
1386	53,5065753	63,897821	98,8656925	127,470637	159,458758	213,325772	230,473651
1387	53,5676111	63,9653202	98,9581236	127,582424	159,593781	213,497151	230,655805
1388	53,6286933	64,0328669	99,0506123	127,694277	159,728881	213,668622	230,838055
1389	53,689822	64,1004611	99,1431587	127,806195	159,864056	213,840185	231,020401
1390	53,750997	64,1681029	99,2357627	127,918178	159,999308	214,01184	231,202843
1391	53,8122185	64,2357922	99,3284243	128,030227	160,134636	214,183586	231,385381
1392	53,8734865	64,3035291	99,4211436	128,142341	160,270041	214,355425	231,568015
1393	53,934801	64,3713137	99,5139205	128,254521	160,405521	214,527355	231,750745
1394	53,996162	64,4391458	99,6067552	128,366766	160,541078	214,699377	231,933572
1395	54,0575695	64,5070256	99,6996476	128,479077	160,676712	214,871491	232,116494
1396	54,1190235	64,5749531	99,7925977	128,591453	160,812422	215,043697	232,299513
1397	54,1805241	64,6429282	99,8856055	128,703895	160,948208	215,215995	232,482627
1398	54,2420713	64,710951	99,9786712	128,816402	161,08407	215,388385	232,665838
1399	54,3036651	64,7790215	100,071795	128,928975	161,220009	215,560867	232,849146
1400	54,3653054	64,8471397	100,164976	129,041613	161,356025	215,733441	233,032549
1401	54,4269924	64,9153056	100,258215	129,154317	161,492117	215,906108	233,216049
1402	54,4887261	64,9835193	100,351512	129,267086	161,628285	216,078866	233,399645
1403	54,5505064	65,0517808	100,444867	129,379921	161,76453	216,251716	233,583337
1404	54,6123334	65,1200901	100,538279	129,492822	161,900852	216,424659	233,767126
1405	54,6742071	65,1884471	100,63175	129,605788	162,03725	216,597694	233,951011
1406	54,7361275	65,256852	100,725278	129,718821	162,173724	216,770821	234,134992
1407	54,7980946	65,3253048	100,818865	129,831918	162,310276	216,94404	234,31907
1408	54,8601085	65,3938053	100,912509	129,945082	162,446904	217,117351	234,503245
1409	54,9221692	65,4623538	101,006211	130,058311	162,583608	217,290755	234,687516
1410	54,9842767	65,5309501	101,099972	130,171606	162,720389	217,464251	234,871883
1411	55,0464309	65,5995943	101,19379	130,284967	162,857247	217,637839	235,056347
1412	55,108632	65,6682865	101,287666	130,398393	162,994182	217,811152	235,240908
1413	55,1708799	65,7370266	101,381601	130,511886	163,131193	217,985293	235,425565
1414	55,2331747	65,8058146	101,475593	130,625444	163,268281	218,159159	235,610318
1415	55,2955163	65,8746507	101,569644	130,739068	163,405446	218,333117	235,795169
1416	55,3579049	65,9435347	101,663752	130,852758	163,542688	218,507167	235,980116
1417	55,4203403	66,0124667	101,757919	130,966514	163,680007	218,68131	236,165159

1418	55,4828227	66,0814467	101,852144	131,080335	163,817402	218,855545	236,3503
1419	55,545352	66,1504748	101,946427	131,194223	163,954874	219,029873	236,535537
1420	55,6079283	66,2195509	102,040768	131,308177	164,092423	219,204293	236,72087
1421	55,6705515	66,2886751	102,135167	131,422196	164,230049	219,378806	236,906301
1422	55,7332218	66,3578474	102,229625	131,536282	164,367752	219,553412	237,091829
1423	55,7959391	66,4270678	102,32414	131,650433	164,505532	219,72811	237,277453
1424	55,8587034	66,4963363	102,418714	131,764651	164,643389	219,902901	237,463174
1425	55,9215148	66,5656529	102,513347	131,878935	164,781323	220,077785	237,648992
1426	55,9843732	66,6350177	102,608037	131,993284	164,919334	220,252761	237,834907
1427	56,0472787	66,7044307	102,702786	132,1077	165,057422	220,42783	238,020919
1428	56,1102313	66,7738918	102,797593	132,222182	165,195587	220,602991	238,207028
1429	56,1732311	66,8434012	102,892459	132,33673	165,333829	220,778246	238,393233
1430	56,236278	66,9129588	102,987382	132,451344	165,472148	220,953593	238,579536
1431	56,299372	66,9825646	103,082365	132,566024	165,610544	221,129033	238,765936
1432	56,3625132	67,0522186	103,177405	132,680771	165,749018	221,304566	238,952433
1433	56,4257016	67,121921	103,272504	132,795583	165,887569	221,480192	239,139027
1434	56,4889372	67,1916716	103,367662	132,910462	166,026196	221,655911	239,325718
1435	56,5522201	67,2614706	103,462877	133,025407	166,164901	221,831722	239,512507
1436	56,6155502	67,3313178	103,558152	133,140419	166,303684	222,007627	239,699392
1437	56,6789275	67,4012134	103,653484	133,255496	166,442543	222,183624	239,886375
1438	56,7423521	67,4711574	103,748876	133,37064	166,58148	222,359715	240,073455
1439	56,8058241	67,5411497	103,844325	133,485851	166,720494	222,535898	240,260632
1440	56,8693433	67,6111904	103,939834	133,601127	166,859585	222,712175	240,447906
1441	56,9329099	67,6812795	104,0354	133,71647	166,998754	222,888544	240,635278
1442	56,9965238	67,7514171	104,131026	133,831879	167,138	223,065007	240,822747
1443	57,0601851	67,821603	104,22671	133,947355	167,277324	223,241563	241,010313
1444	57,1238938	67,8918375	104,322452	134,062897	167,416725	223,418212	241,197977
1445	57,1876499	67,9621204	104,418253	134,178506	167,556203	223,594954	241,385738
1446	57,2514534	68,0324518	104,514113	134,294181	167,695759	223,771789	241,573596
1447	57,3153043	68,1028317	104,610031	134,409922	167,835392	223,948718	241,761552
1448	57,3792027	68,1732601	104,706009	134,52573	167,975103	224,125739	241,949605
1449	57,4431486	68,2437371	104,802044	134,641604	168,114891	224,302854	242,137756
1450	57,507142	68,3142626	104,898139	134,757545	168,254757	224,480063	242,326005
1451	57,5711829	68,3848367	104,994292	134,873553	168,3947	224,657364	242,514351
1452	57,6352713	68,4554593	105,090504	134,989627	168,534721	224,834759	242,702794
1453	57,6994072	68,5261306	105,186775	135,105767	168,674819	225,012247	242,891335
1454	57,7635907	68,5968505	105,283104	135,221974	168,814995	225,189829	243,079974
1455	57,8278218	68,6676191	105,379492	135,338248	168,955249	225,367504	243,26871
1456	57,8921005	68,7384363	105,47594	135,454589	169,095581	225,545273	243,457544
1457	57,9564268	68,8093021	105,572445	135,570996	169,23599	225,723135	243,646476
1458	58,0208007	68,8802167	105,66901	135,687469	169,376477	225,90109	243,835505
1459	58,0852223	68,95118	105,765634	135,80401	169,517041	226,079139	244,024633
1460	58,1496916	69,022192	105,862316	135,920617	169,657683	226,257282	244,213858
1461	58,2142085	69,0932527	105,959058	136,037291	169,798403	226,435518	244,40318
1462	58,2787732	69,1643622	106,055858	136,154032	169,939201	226,613847	244,592601
1463	58,3433855	69,2355204	106,152717	136,270839	170,080077	226,792271	244,782119

1464	58,4080456	69,3067275	106,249636	136,387713	170,22103	226,970787	244,971736
1465	58,4727535	69,3779833	106,346613	136,504654	170,362062	227,149398	245,16145
1466	58,5375091	69,449288	106,443649	136,621662	170,503171	227,328102	245,351262
1467	58,6023126	69,5206415	106,540744	136,738737	170,644358	227,5069	245,541172
1468	58,6671638	69,5920439	106,637898	136,855878	170,785623	227,685792	245,73118
1469	58,7320628	69,6634952	106,735112	136,973087	170,926966	227,864777	245,921286
1470	58,7970098	69,7349953	106,832384	137,090362	171,068387	228,043856	246,11149
1471	58,8620045	69,8065444	106,929715	137,207704	171,209886	228,223029	246,301792
1472	58,9270472	69,8781423	107,027106	137,325113	171,351463	228,402296	246,492192
1473	58,9921377	69,9497892	107,124556	137,442589	171,493118	228,581657	246,682691
1474	59,0572762	70,0214851	107,222064	137,560133	171,634851	228,761111	246,873287
1475	59,1224626	70,0932299	107,319632	137,677743	171,776662	228,940659	247,063982
1476	59,1876969	70,1650238	107,417259	137,79542	171,918551	229,120302	247,254774
1477	59,2529792	70,2368666	107,514946	137,913164	172,060518	229,300038	247,445665
1478	59,3183095	70,3087585	107,612691	138,030975	172,202564	229,479868	247,636655
1479	59,3836878	70,3806994	107,710496	138,148854	172,344687	229,659793	247,827742
1480	59,4491141	70,4526893	107,80836	138,266799	172,486889	229,839811	248,018928
1481	59,5145885	70,5247284	107,906283	138,384811	172,629169	230,019923	248,210212
1482	59,5801109	70,5968165	108,004266	138,502891	172,771527	230,200129	248,401594
1483	59,6456814	70,6689537	108,102307	138,621038	172,913963	230,38043	248,593075
1484	59,7112999	70,7411401	108,200408	138,739252	173,056478	230,560825	248,784654
1485	59,7769666	70,8133756	108,298569	138,857533	173,199071	230,741313	248,976331
1486	59,8426814	70,8856602	108,396789	138,975881	173,341742	230,921896	249,168107
1487	59,9084444	70,957994	108,495068	139,094297	173,484492	231,102573	249,359981
1488	59,9742555	71,0303771	108,593406	139,21278	173,62732	231,283345	249,551954
1489	60,0401148	71,1028093	108,691804	139,33133	173,770226	231,46421	249,744025
1490	60,1060223	71,1752907	108,790262	139,449947	173,913211	231,64517	249,936195
1491	60,171978	71,2478214	108,888779	139,568632	174,056274	231,826224	250,128463
1492	60,2379819	71,3204014	108,987355	139,687384	174,199415	232,007373	250,32083
1493	60,3040341	71,3930306	109,085991	139,806203	174,342635	232,188615	250,513296
1494	60,3701346	71,4657091	109,184686	139,92509	174,485934	232,369953	250,70586
1495	60,4362833	71,538437	109,283441	140,044044	174,629311	232,551384	250,898523
1496	60,5024804	71,6112141	109,382255	140,163065	174,772766	232,73291	251,091285
1497	60,5687257	71,6840406	109,481129	140,282154	174,9163	232,914531	251,284145
1498	60,6350194	71,7569164	109,580062	140,401311	175,059913	233,096245	251,477104
1499	60,7013615	71,8298417	109,679055	140,520534	175,203604	233,278055	251,670161
1500	60,7677519	71,9028163	109,778108	140,639826	175,347374	233,459959	251,863318
1501	60,8341908	71,9758403	109,87722	140,759184	175,491222	233,641957	252,056573
1502	60,900678	72,0489137	109,976392	140,878611	175,635149	233,82405	252,249927
1503	60,9672136	72,1220366	110,075623	140,998104	175,779155	234,006238	252,44338
1504	61,0337978	72,195209	110,174914	141,117666	175,92324	234,18852	252,636932
1505	61,1004303	72,2684308	110,274265	141,237295	176,067403	234,370897	252,830583
1506	61,1671114	72,3417021	110,373676	141,356991	176,211645	234,553368	253,024333
1507	61,2338409	72,415023	110,473146	141,476755	176,355965	234,735934	253,218181
1508	61,3006189	72,4883933	110,572676	141,596587	176,500365	234,918595	253,412129
1509	61,3674455	72,5618132	110,672266	141,716486	176,644843	235,101351	253,606176

1510	61,4343207	72,6352826	110,771915	141,836453	176,7894	235,284201	253,800321
1511	61,5012444	72,7088017	110,871625	141,956488	176,934036	235,467146	253,994566
1512	61,5682166	72,7823703	110,971394	142,076591	177,078751	235,650186	254,18891
1513	61,6352375	72,8559885	111,071223	142,196761	177,223544	235,833321	254,383353
1514	61,702307	72,9296564	111,171112	142,316999	177,368417	236,01655	254,577895
1515	61,7694252	73,0033739	111,271061	142,437304	177,513368	236,199875	254,772536
1516	61,836592	73,077141	111,371069	142,557678	177,658399	236,383294	254,967277
1517	61,9038075	73,1509579	111,471138	142,678119	177,803508	236,566809	255,162116
1518	61,9710716	73,2248244	111,571266	142,798628	177,948697	236,750418	255,357055
1519	62,0383845	73,2987406	111,671455	142,919205	178,093964	236,934122	255,552093
1520	62,1057461	73,3727066	111,771703	143,03985	178,239311	237,117922	255,747231
1521	62,1731564	73,4467223	111,872011	143,160562	178,384736	237,301816	255,942468
1522	62,2406155	73,5207877	111,97238	143,281343	178,530241	237,485805	256,137804
1523	62,3081234	73,594903	112,072808	143,402191	178,675824	237,66989	256,333239
1524	62,3756801	73,669068	112,173296	143,523108	178,821487	237,854069	256,528774
1525	62,4432856	73,7432828	112,273845	143,644092	178,967229	238,038344	256,724408
1526	62,5109399	73,8175475	112,374453	143,765144	179,11305	238,222714	256,920142
1527	62,5786431	73,891862	112,475122	143,886265	179,258951	238,407179	257,115975
1528	62,6463951	73,9662264	112,575851	144,007453	179,40493	238,591739	257,311907
1529	62,714196	74,0406406	112,676639	144,128709	179,550989	238,776395	257,50794
1530	62,7820459	74,1151048	112,777488	144,250034	179,697127	238,961145	257,704071
1531	62,8499446	74,1896188	112,878397	144,371426	179,843344	239,145991	257,900303
1532	62,9178923	74,2641828	112,979367	144,492887	179,989641	239,330932	258,096633
1533	62,9858889	74,3387967	113,080396	144,614415	180,136017	239,515969	258,293064
1534	63,0539345	74,4134606	113,181486	144,736012	180,282472	239,701101	258,489594
1535	63,1220291	74,4881744	113,282636	144,857677	180,429007	239,886328	258,686224
1536	63,1901727	74,5629383	113,383846	144,97941	180,575621	240,071651	258,882953
1537	63,2583654	74,6377522	113,485116	145,101211	180,722314	240,257069	259,079782
1538	63,3266071	74,712616	113,586447	145,223081	180,869087	240,442583	259,276711
1539	63,3948978	74,78753	113,687838	145,345018	181,015939	240,628192	259,47374
1540	63,4632376	74,862494	113,789289	145,467024	181,162871	240,813896	259,670868
1541	63,5316265	74,937508	113,890801	145,589098	181,309882	240,999696	259,868097
1542	63,6000645	75,0125722	113,992373	145,711241	181,456973	241,185592	260,065425
1543	63,6685517	75,0876865	114,094006	145,833451	181,604143	241,371583	260,262853
1544	63,737088	75,1628509	114,195698	145,95573	181,751393	241,55767	260,460381
1545	63,8056735	75,2380654	114,297452	146,078078	181,898722	241,743852	260,658008
1546	63,8743081	75,3133301	114,399265	146,200494	182,046131	241,93013	260,855736
1547	63,942992	75,388645	114,501139	146,322978	182,19362	242,116504	261,053564
1548	64,0117251	75,4640101	114,603074	146,44553	182,341188	242,302973	261,251491
1549	64,0805074	75,5394254	114,705069	146,568151	182,488836	242,489538	261,449519
1550	64,149339	75,6148909	114,807124	146,69084	182,636563	242,676199	261,647647
1551	64,2182198	75,6904066	114,90924	146,813598	182,784371	242,862956	261,845875
1552	64,2871499	75,7659727	115,011417	146,936424	182,932258	243,049808	262,044203
1553	64,3561294	75,841589	115,113654	147,059319	183,080225	243,236757	262,242631
1554	64,4251581	75,9172556	115,215952	147,182282	183,228271	243,423801	262,441159
1555	64,4942362	75,9929725	115,31831	147,305314	183,376397	243,610941	262,639787

1556	64,5633637	76,0687397	115,420729	147,428414	183,524603	243,798176	262,838516
1557	64,6325405	76,1445573	115,523208	147,551583	183,672889	243,985508	263,037345
1558	64,7017668	76,2204252	115,625748	147,674821	183,821255	244,172936	263,236274
1559	64,7710424	76,2963435	115,728349	147,798127	183,969701	244,360459	263,435303
1560	64,8403675	76,3723122	115,831011	147,921501	184,118227	244,548079	263,634433
1561	64,9097421	76,4483314	115,933733	148,044945	184,266832	244,735795	263,833662
1562	64,9791661	76,5244009	116,036516	148,168457	184,415517	244,923606	264,032993
1563	65,0486395	76,6005209	116,139359	148,292037	184,564283	245,111514	264,232423
1564	65,1181625	76,6766914	116,242264	148,415687	184,713128	245,299518	264,431954
1565	65,187735	76,7529123	116,345229	148,539405	184,862054	245,487618	264,631586
1566	65,2573571	76,8291837	116,448255	148,663191	185,011059	245,675814	264,831318
1567	65,3270287	76,9055057	116,551341	148,787047	185,160145	245,864106	265,031115
1568	65,3967498	76,9818782	116,654489	148,910971	185,30931	246,052494	265,231083
1569	65,4665206	77,0583012	116,757697	149,034964	185,458556	246,240979	265,431116
1570	65,536341	77,1347748	116,860967	149,159026	185,607881	246,42956	265,63125
1571	65,6062109	77,2112989	116,964297	149,283157	185,757287	246,618237	265,831485
1572	65,6761306	77,2878737	117,067688	149,407357	185,906773	246,80701	266,03182
1573	65,7460999	77,364499	117,17114	149,531625	186,056339	246,99588	266,232256
1574	65,8161188	77,441175	117,274652	149,655962	186,205986	247,184846	266,432792
1575	65,8861875	77,5179017	117,378226	149,780369	186,355713	247,373908	266,633429
1576	65,9563059	77,594679	117,481861	149,904844	186,505519	247,563067	266,834167
1577	66,026474	77,671507	117,585557	150,029388	186,655406	247,752322	267,035005
1578	66,0966918	77,7483856	117,689313	150,154001	186,805374	247,941674	267,235945
1579	66,1669595	77,825315	117,793131	150,278683	186,955422	248,131122	267,436985
1580	66,2372769	77,9022951	117,89701	150,403434	187,10555	248,320666	267,638126
1581	66,3076441	77,979326	118,00095	150,528254	187,255758	248,510307	267,839367
1582	66,3780611	78,0564076	118,104951	150,653143	187,406047	248,700045	268,04071
1583	66,448528	78,1335401	118,209013	150,778102	187,556416	248,889879	268,242153
1584	66,5190447	78,2107233	118,313136	150,903129	187,706866	249,07981	268,443697
1585	66,5896113	78,2879573	118,41732	151,028225	187,857396	249,269837	268,645343
1586	66,6602277	78,3652421	118,521565	151,153391	188,008006	249,459961	268,847089
1587	66,7308941	78,4425778	118,625872	151,278625	188,158697	249,650181	269,048936
1588	66,8016104	78,5199644	118,73024	151,403929	188,309468	249,840499	269,250884
1589	66,8723767	78,5974018	118,834669	151,529302	188,46032	250,030912	269,452933
1590	66,9431929	78,6748901	118,939159	151,654744	188,611253	250,221423	269,655084
1591	67,0140591	78,7524294	119,04371	151,780256	188,762266	250,412031	269,857335
1592	67,0849753	78,8300196	119,148323	151,905836	188,913359	250,602735	270,059687
1593	67,1559415	78,9076607	119,252997	152,031486	189,064534	250,793536	270,262141
1594	67,2269577	78,9853528	119,357732	152,157205	189,215789	250,984433	270,464696
1595	67,298024	79,0630958	119,462528	152,282993	189,367124	251,175428	270,667352
1596	67,3691403	79,1408899	119,567386	152,408851	189,51854	251,36652	270,870109
1597	67,4403067	79,218735	119,672305	152,534778	189,670037	251,557708	271,072967
1598	67,5115233	79,2966311	119,777286	152,660775	189,821615	251,748993	271,275927
1599	67,5827899	79,3745782	119,882328	152,78684	189,973273	251,940376	271,478988
1600	67,6541067	79,4525765	119,987431	152,912975	190,125012	252,131855	271,68215
1601	67,7254736	79,5306258	120,092596	153,03918	190,276832	252,323431	271,885413

1602	67,7968907	79,6087262	120,197822	153,165454	190,428733	252,515104	272,088778
1603	67,868358	79,6868777	120,303109	153,291797	190,580714	252,706874	272,292244
1604	67,9398755	79,7650803	120,408458	153,41821	190,732777	252,898742	272,495812
1605	68,0114432	79,8433341	120,513869	153,544692	190,88492	253,090706	272,699481
1606	68,0830612	79,921639	120,619341	153,671244	191,037144	253,282768	272,903252
1607	68,1547294	79,9999952	120,724874	153,797866	191,189449	253,474927	273,107124
1608	68,2264479	80,0784025	120,83047	153,924556	191,341835	253,667182	273,311097
1609	68,2982167	80,156861	120,936126	154,051317	191,494302	253,859535	273,515172
1610	68,3700358	80,2353708	121,041844	154,178147	191,64685	254,051986	273,719349
1611	68,4419053	80,3139318	121,147624	154,305046	191,799478	254,244533	273,923627
1612	68,513825	80,3925441	121,253466	154,432016	191,952188	254,437178	274,128007
1613	68,5857952	80,4712077	121,359369	154,559054	192,104979	254,62992	274,332489
1614	68,6578157	80,5499226	121,465333	154,686163	192,257851	254,822759	274,537072
1615	68,7298867	80,6286887	121,57136	154,813341	192,410804	255,015696	274,741757
1616	68,802008	80,7075062	121,677448	154,940589	192,563838	255,20873	274,946543
1617	68,8741798	80,7863751	121,783597	155,067906	192,716953	255,401862	275,151431
1618	68,9464021	80,8652953	121,889809	155,195294	192,87015	255,595091	275,356421
1619	69,0186748	80,9442669	121,996082	155,322751	193,023427	255,788417	275,561513
1620	69,090998	81,0232899	122,102417	155,450278	193,176786	255,981841	275,766707
1621	69,1633717	81,1023644	122,208814	155,577874	193,330226	256,175362	275,972002
1622	69,2357959	81,1814902	122,315272	155,705541	193,483747	256,368981	276,1774
1623	69,3082707	81,2606675	122,421793	155,833277	193,63735	256,562697	276,382899
1624	69,380796	81,3398963	122,528375	155,961083	193,791033	256,756511	276,5885
1625	69,4533719	81,4191765	122,635019	156,088959	193,944798	256,950422	276,794203
1626	69,5259984	81,4985083	122,741725	156,216904	194,098645	257,144431	277,000008
1627	69,5986756	81,5778915	122,848492	156,34492	194,252572	257,338538	277,205915
1628	69,6714033	81,6573263	122,955322	156,473006	194,406581	257,532742	277,411924
1629	69,7441817	81,7368126	123,062213	156,601161	194,560672	257,727044	277,618035
1630	69,8170108	81,8163505	123,169167	156,729387	194,714844	257,921444	277,824249
1631	69,8898905	81,89594	123,276182	156,857682	194,869097	258,115942	278,030564
1632	69,9628209	81,9755811	123,38326	156,986048	195,023432	258,310537	278,236981
1633	70,0358021	82,0552738	123,490399	157,114483	195,177848	258,50523	278,443501
1634	70,108834	82,1350181	123,5976	157,242989	195,332345	258,700021	278,650122
1635	70,1819166	82,2148141	123,704864	157,371564	195,486924	258,894909	278,856846
1636	70,2550501	82,2946618	123,812189	157,50021	195,641585	259,089896	279,063672
1637	70,3282343	82,3745611	123,919577	157,628926	195,796327	259,28498	279,270601
1638	70,4014693	82,4545121	124,027026	157,757711	195,951151	259,480162	279,477631
1639	70,4747551	82,5345149	124,134538	157,886567	196,106057	259,675443	279,684764
1640	70,5480918	82,6145694	124,242112	158,015493	196,261044	259,870821	279,891999
1641	70,6214793	82,6946756	124,349748	158,14449	196,416112	260,066297	280,099337
1642	70,6949178	82,7748336	124,457446	158,273556	196,571262	260,261871	280,306777
1643	70,7684071	82,8550433	124,565206	158,402693	196,726494	260,457543	280,514319
1644	70,8419473	82,9353049	124,673028	158,5319	196,881808	260,653313	280,721964
1645	70,9155384	83,0156183	124,780913	158,661177	197,037204	260,849182	280,929711
1646	70,9891805	83,0959835	124,88886	158,790524	197,192681	261,045148	281,137561
1647	71,0628736	83,1764006	124,996869	158,919942	197,34824	261,241212	281,345513

1648	71,1366176	83,2568695	125,10494	159,04943	197,50388	261,437375	281,553568
1649	71,2104127	83,3373904	125,213074	159,178988	197,659603	261,633636	281,761725
1650	71,2842587	83,4179631	125,32127	159,308617	197,815407	261,829995	281,969984
1651	71,3581558	83,4985877	125,429528	159,438316	197,971293	262,026452	282,178347
1652	71,4321104	83,5792643	125,537848	159,568085	198,127261	262,223008	282,386812
1653	71,5061032	83,6599928	125,646231	159,697925	198,283311	262,419661	282,595379
1654	71,5801535	83,7407733	125,754677	159,827835	198,439443	262,616413	282,80405
1655	71,6542549	83,8216058	125,863184	159,957816	198,595657	262,813264	283,012823
1656	71,7284075	83,9024902	125,971754	160,087867	198,751953	263,010212	283,221699
1657	71,8026111	83,9834267	126,080387	160,217988	198,908331	263,207259	283,430677
1658	71,876866	84,0644153	126,189082	160,34818	199,06479	263,404405	283,639758
1659	71,951172	84,1454558	126,297839	160,478443	199,221332	263,601649	283,848942
1660	72,0255292	84,2265485	126,406659	160,608776	199,377956	263,798991	284,058229
1661	72,0999376	84,3076932	126,515541	160,739179	199,534662	263,996432	284,267619
1662	72,1743973	84,38889	126,624486	160,869654	199,69145	264,193971	284,477112
1663	72,2489082	84,4701389	126,733493	161,000198	199,84832	264,391609	284,686707
1664	72,3234703	84,55144	126,842563	161,130814	200,005272	264,589345	284,896405
1665	72,3980838	84,6327932	126,951695	161,2615	200,162307	264,78718	285,106207
1666	72,4727485	84,7141986	127,06089	161,392256	200,319423	264,985114	285,316111
1667	72,5474646	84,7956562	127,170148	161,523084	200,476622	265,183146	285,526118
1668	72,622232	84,877166	127,279468	161,653982	200,633903	265,381277	285,736229
1669	72,6970507	84,958728	127,388851	161,78495	200,791266	265,579506	285,946442
1670	72,7719208	85,0403422	127,498296	161,91599	200,948712	265,777834	286,156759
1671	72,8468423	85,1220087	127,607805	162,0471	201,10624	265,976261	286,367178
1672	72,9218152	85,2037274	127,717375	162,178281	201,26385	266,174787	286,577701
1673	72,9968396	85,2854985	127,827009	162,309532	201,421542	266,373411	286,788327
1674	73,0719153	85,3673218	127,936705	162,440855	201,579317	266,572134	286,999056
1675	73,1470426	85,4491974	128,046464	162,572248	201,737174	266,770956	287,209888
1676	73,2222213	85,5311254	128,156286	162,703712	201,895114	266,969877	287,420824
1677	73,2974515	85,6131058	128,266171	162,835247	202,053136	267,168896	287,631862
1678	73,3727332	85,6951385	128,376118	162,966853	202,21124	267,368015	287,843004
1679	73,4480664	85,7772235	128,486128	163,09853	202,369427	267,567232	288,05425
1680	73,5234512	85,859361	128,596201	163,230277	202,527696	267,766549	288,265598
1681	73,5988875	85,9415509	128,706337	163,362096	202,686048	267,965964	288,47705
1682	73,6743755	86,0237933	128,816536	163,493985	202,844482	268,165478	288,688606
1683	73,749915	86,1060881	128,926797	163,625946	203,002999	268,365092	288,900265
1684	73,8255062	86,1884353	129,037122	163,757977	203,161598	268,564804	289,112027
1685	73,9011489	86,2708351	129,147509	163,89008	203,32028	268,764615	289,323893
1686	73,9768434	86,3532873	129,257959	164,022253	203,479045	268,964526	289,535862
1687	74,0525895	86,4357921	129,368473	164,154498	203,637892	269,164535	289,747934
1688	74,1283873	86,5183494	129,479049	164,286813	203,796822	269,364644	289,96011
1689	74,2042368	86,6009592	129,589688	164,4192	203,955835	269,564852	290,17239
1690	74,280138	86,6836217	129,700391	164,551658	204,11493	269,765159	290,384774
1691	74,356091	86,7663367	129,811156	164,684187	204,274108	269,965565	290,59726
1692	74,4320957	86,8491043	129,921984	164,816787	204,433369	270,166071	290,809851
1693	74,5081522	86,9319245	130,032876	164,949458	204,592712	270,366675	291,022545

1694	74,5842605	87,0147974	130,14383	165,0822	204,752138	270,567379	291,235343
1695	74,6604206	87,0977229	130,254848	165,215014	204,911647	270,768183	291,448245
1696	74,7366325	87,1807011	130,365928	165,347899	205,071239	270,969085	291,66125
1697	74,8128963	87,2637319	130,477072	165,480855	205,230914	271,170087	291,874359
1698	74,8892119	87,3468155	130,588279	165,613882	205,390671	271,371189	292,087572
1699	74,9655794	87,4299518	130,699549	165,746981	205,550512	271,572389	292,300889
1700	75,0419988	87,5131408	130,810883	165,880151	205,710435	271,77369	292,514309
1701	75,1184702	87,5963826	130,922279	166,013392	205,870441	271,975089	292,727834
1702	75,1949934	87,6796772	131,033739	166,146704	206,030531	272,176588	292,941462
1703	75,2715686	87,7630245	131,145262	166,280088	206,190703	272,378187	293,155194
1704	75,3481958	87,8464246	131,256848	166,413543	206,350958	272,579885	293,36903
1705	75,424875	87,9298776	131,368498	166,54707	206,511296	272,781683	293,58297
1706	75,5016062	88,0133834	131,480211	166,680668	206,671718	272,98358	293,797014
1707	75,5783894	88,096942	131,591987	166,814337	206,832222	273,185577	294,011162
1708	75,6552246	88,1805535	131,703826	166,948078	206,992809	273,387673	294,225415
1709	75,7321119	88,2642179	131,815729	167,08189	207,15348	273,589869	294,439771
1710	75,8090513	88,3479352	131,927696	167,215774	207,314233	273,792165	294,654231
1711	75,8860428	88,4317055	132,039725	167,34973	207,47507	273,994561	294,868795
1712	75,9630864	88,5155286	132,151818	167,483756	207,63599	274,197056	295,083464
1713	76,0401821	88,5994047	132,263975	167,617855	207,796993	274,399651	295,298237
1714	76,1173299	88,6833338	132,376194	167,752025	207,958079	274,602346	295,513113
1715	76,19453	88,7673159	132,488478	167,886266	208,119249	274,80514	295,728094
1716	76,2717822	88,851351	132,600825	168,020579	208,280502	275,008034	295,94318
1717	76,3490865	88,9354391	132,713235	168,154964	208,441838	275,211029	296,158369
1718	76,4264432	89,0195802	132,825709	168,289421	208,603257	275,414123	296,373663
1719	76,503852	89,1037744	132,938246	168,423949	208,76476	275,617317	296,589061
1720	76,5813131	89,1880216	133,050847	168,558548	208,926346	275,82061	296,804564
1721	76,6588265	89,272322	133,163511	168,69322	209,088015	276,024004	297,020171
1722	76,7363921	89,3566754	133,276239	168,827963	209,249768	276,227498	297,235882
1723	76,8140101	89,441082	133,389031	168,962778	209,411604	276,431092	297,451698
1724	76,8916804	89,5255417	133,501886	169,097664	209,573523	276,634786	297,667618
1725	76,969403	89,6100545	133,614805	169,232623	209,735526	276,838579	297,883642
1726	77,047178	89,6946206	133,727788	169,367653	209,897613	277,042473	298,099772
1727	77,1250053	89,7792398	133,840834	169,502755	210,059783	277,246467	298,316005
1728	77,2028851	89,8639122	133,953944	169,637929	210,222036	277,450561	298,532343
1729	77,2808172	89,9486378	134,067117	169,773174	210,384373	277,654755	298,748786
1730	77,3588018	90,0334167	134,180355	169,908492	210,546794	277,85905	298,965333
1731	77,4368389	90,1182488	134,293656	170,043881	210,709298	278,063444	299,181985
1732	77,5149284	90,2031342	134,407021	170,179342	210,871885	278,267939	299,398742
1733	77,5930703	90,2880729	134,520449	170,314876	211,034557	278,472534	299,615603
1734	77,6712648	90,3730649	134,633942	170,450481	211,197312	278,677229	299,832569
1735	77,7495118	90,4581102	134,747498	170,586158	211,36015	278,882025	300,049639
1736	77,8278113	90,5432089	134,861118	170,721907	211,523073	279,086921	300,266815
1737	77,9061634	90,6283609	134,974802	170,857728	211,686079	279,291917	300,484095
1738	77,984568	90,7135662	135,08855	170,993621	211,849168	279,497014	300,70148
1739	78,0630253	90,798825	135,202362	171,129586	212,012342	279,70221	300,91897

1740	78,1415351	90,8841372	135,316237	171,265623	212,175599	279,907508	301,136564
1741	78,2200976	90,9695028	135,430177	171,401733	212,33894	280,112906	301,354264
1742	78,2987126	91,0549218	135,54418	171,537914	212,502365	280,318404	301,572068
1743	78,3773804	91,1403943	135,658248	171,674168	212,665874	280,524003	301,789977
1744	78,4561008	91,2259202	135,772379	171,810493	212,829466	280,729702	302,007992
1745	78,5348739	91,3114997	135,886574	171,946891	212,993142	280,935501	302,226111
1746	78,6136998	91,3971326	136,000834	172,083361	213,156903	281,141402	302,444335
1747	78,6925783	91,4828191	136,115157	172,219903	213,320747	281,347403	302,662664
1748	78,7715096	91,5685591	136,229545	172,356517	213,484675	281,553504	302,881099
1749	78,8504937	91,6543526	136,343996	172,493204	213,648687	281,759706	303,099638
1750	78,9295306	91,7401998	136,458512	172,629963	213,812783	281,966009	303,318282
1751	79,0086202	91,8261005	136,573092	172,766794	213,976963	282,172412	303,537032
1752	79,0877627	91,9120548	136,687736	172,903697	214,141227	282,378917	303,755887
1753	79,1669579	91,9980628	136,802444	173,040673	214,305576	282,585521	303,974847
1754	79,2462061	92,0841244	136,917216	173,177721	214,470008	282,792227	304,193912
1755	79,3255071	92,1702396	137,032052	173,314841	214,634524	282,999034	304,413082
1756	79,404861	92,2564085	137,146953	173,452034	214,799125	283,205941	304,632357
1757	79,4842678	92,3426311	137,261917	173,589299	214,963809	283,412949	304,851738
1758	79,5637275	92,4289074	137,376946	173,726636	215,128578	283,620058	305,071224
1759	79,6432402	92,5152375	137,49204	173,864046	215,293431	283,827267	305,290816
1760	79,7228058	92,6016212	137,607197	174,001528	215,458368	284,034578	305,510513
1761	79,8024244	92,6880588	137,722419	174,139083	215,623389	284,24199	305,730315
1762	79,882096	92,7745501	137,837705	174,27671	215,788495	284,449502	305,950222
1763	79,9618206	92,8610952	137,953055	174,41441	215,953684	284,657116	306,170235
1764	80,0415982	92,947694	138,06847	174,552182	216,118958	284,86483	306,390354
1765	80,1214289	93,0343468	138,183949	174,690027	216,284317	285,072646	306,610578
1766	80,2013126	93,1210533	138,299493	174,827945	216,44976	285,280562	306,830907
1767	80,2812494	93,2078137	138,4151	174,965935	216,615287	285,48858	307,051342
1768	80,3612393	93,294628	138,530773	175,103997	216,780898	285,696699	307,271883
1769	80,4412824	93,3814962	138,646509	175,242132	216,946594	285,904918	307,492529
1770	80,5213785	93,4684183	138,762311	175,38034	217,112374	286,113239	307,71328
1771	80,6015278	93,5553943	138,878176	175,51862	217,278239	286,321662	307,934138
1772	80,6817303	93,6424242	138,994106	175,656973	217,444188	286,530185	308,155101
1773	80,761986	93,7295081	139,110101	175,795399	217,610221	286,738809	308,376169
1774	80,8422948	93,816646	139,22616	175,933898	217,776339	286,947535	308,597344
1775	80,9226569	93,9038379	139,342283	176,072469	217,942542	287,156362	308,818624
1776	81,0030723	93,9910837	139,458472	176,211113	218,108829	287,365291	309,04001
1777	81,0835408	94,0783836	139,574724	176,349829	218,275201	287,57432	309,261501
1778	81,1640627	94,1657375	139,691042	176,488619	218,441657	287,783451	309,483099
1779	81,2446378	94,2531455	139,807424	176,627481	218,608198	287,992684	309,704802
1780	81,3252663	94,3406076	139,92387	176,766416	218,774824	288,202018	309,926611
1781	81,4059481	94,4281238	140,040381	176,905424	218,941534	288,411453	310,148526
1782	81,4866832	94,515694	140,156957	177,044505	219,108329	288,620989	310,370547
1783	81,5674717	94,6033184	140,273598	177,183658	219,275208	288,830628	310,592674
1784	81,6483136	94,6909969	140,390303	177,322885	219,442172	289,040367	310,814907
1785	81,7292088	94,7787296	140,507073	177,462184	219,609221	289,250208	311,037245

1786	81,8101575	94,8665164	140,623908	177,601557	219,776355	289,460151	311,25969
1787	81,8911596	94,9543575	140,740807	177,741002	219,943573	289,670195	311,482241
1788	81,9722152	95,0422527	140,857771	177,880521	220,110877	289,880341	311,704898
1789	82,0533243	95,1302022	140,9748	178,020112	220,278265	290,090588	311,927661
1790	82,1344868	95,2182059	141,091894	178,159776	220,445738	290,300937	312,15053
1791	82,2157028	95,3062639	141,209052	178,299514	220,613296	290,511388	312,373505
1792	82,2969723	95,3943762	141,326276	178,439324	220,780938	290,72194	312,596586
1793	82,3782954	95,4825427	141,443564	178,579207	220,948666	290,932595	312,819774
1794	82,4596721	95,5707635	141,560917	178,719164	221,116478	291,14335	313,043068
1795	82,5411023	95,6590387	141,678335	178,859194	221,284376	291,354208	313,266467
1796	82,6225861	95,7473682	141,795818	178,999296	221,452358	291,565167	313,489974
1797	82,7041235	95,8357521	141,913366	179,139472	221,620426	291,776228	313,713586
1798	82,7857145	95,9241903	142,030979	179,279721	221,788578	291,987391	313,937305
1799	82,8673592	96,012683	142,148657	179,420044	221,956816	292,198656	314,16113
1800	82,9490576	96,10123	142,2664	179,560439	222,125138	292,410023	314,385062
1801	83,0308096	96,1898315	142,384208	179,700908	222,293546	292,621492	314,6091
1802	83,1126153	96,2784874	142,50208	179,84145	222,462039	292,833062	314,833244
1803	83,1944748	96,3671977	142,620018	179,982065	222,630617	293,044735	315,057495
1804	83,2763879	96,4559626	142,738021	180,122753	222,79928	293,256509	315,281852
1805	83,3583549	96,5447819	142,856089	180,263515	222,968028	293,468386	315,506316
1806	83,4403756	96,6336558	142,974222	180,40435	223,136861	293,680364	315,730886
1807	83,52245	96,7225841	143,09242	180,545259	223,30578	293,892445	315,955563
1808	83,6045783	96,811567	143,210684	180,68624	223,474783	294,104628	316,180346
1809	83,6867604	96,9006045	143,329012	180,827296	223,643872	294,316913	316,405236
1810	83,7689963	96,9896965	143,447406	180,968424	223,813047	294,529299	316,630232
1811	83,8512861	97,0788432	143,565864	181,109626	223,982306	294,741789	316,855335
1812	83,9336298	97,1680444	143,684388	181,250901	224,151651	294,95438	317,080545
1813	84,0160274	97,2573003	143,802978	181,39225	224,321081	295,167073	317,305862
1814	84,0984788	97,3466108	143,921632	181,533673	224,490597	295,379869	317,531285
1815	84,1809842	97,4359759	144,040352	181,675168	224,660198	295,592767	317,756815
1816	84,2635436	97,5253958	144,159137	181,816738	224,829884	295,805767	317,982452
1817	84,3461569	97,6148703	144,277987	181,95838	224,999656	296,018869	318,208195
1818	84,4288241	97,7043996	144,396902	182,100097	225,169513	296,232074	318,434045
1819	84,5115454	97,7939835	144,515883	182,241887	225,339456	296,445381	318,660003
1820	84,5943207	97,8836222	144,634929	182,38375	225,509484	296,658791	318,886067
1821	84,67715	97,9733157	144,754041	182,525687	225,679598	296,872303	319,112238
1822	84,7600334	98,0630639	144,873218	182,667698	225,849797	297,085917	319,338515
1823	84,8429708	98,152867	144,99246	182,809782	226,020082	297,299634	319,5649
1824	84,9259623	98,2427248	145,111768	182,95194	226,190452	297,513453	319,791392
1825	85,009008	98,3326375	145,231141	183,094172	226,360908	297,727375	320,017991
1826	85,0921077	98,422605	145,35058	183,236478	226,53145	297,941399	320,244696
1827	85,1752616	98,5126274	145,470084	183,378857	226,702077	298,155526	320,471509
1828	85,2584696	98,6027046	145,589653	183,52131	226,87279	298,369756	320,698429
1829	85,3417319	98,6928368	145,709289	183,663836	227,043588	298,584088	320,925456
1830	85,4250483	98,7830238	145,828989	183,806437	227,214473	298,798522	321,15259
1831	85,5084189	98,8732658	145,948755	183,949111	227,385442	299,013059	321,379831

1832	85,5918437	98,9635627	146,068587	184,091859	227,556498	299,227699	321,60718
1833	85,6753228	99,0539146	146,188484	184,234681	227,72764	299,442442	321,834635
1834	85,7588561	99,1443215	146,308447	184,377576	227,898867	299,657287	322,062198
1835	85,8424438	99,2347833	146,428476	184,520546	228,07018	299,872235	322,289868
1836	85,9260857	99,3253002	146,54857	184,663589	228,241579	300,087286	322,517646
1837	86,0097819	99,4158721	146,668729	184,806706	228,413064	300,30244	322,74553
1838	86,0935325	99,506499	146,788955	184,949898	228,584634	300,517696	322,973522
1839	86,1773374	99,597181	146,909246	185,093163	228,756291	300,733055	323,201621
1840	86,2611967	99,687918	147,029603	185,236502	228,928033	300,948518	323,429828
1841	86,3451103	99,7787102	147,150025	185,379915	229,099861	301,164083	323,658142
1842	86,4290784	99,8695575	147,270513	185,523402	229,271776	301,379751	323,886564
1843	86,5131009	99,9604599	147,391067	185,666964	229,443776	301,595521	324,115092
1844	86,5971778	100,051417	147,511687	185,810599	229,615862	301,811395	324,343729
1845	86,6813092	100,14243	147,632373	185,954308	229,788035	302,027372	324,572473
1846	86,7654951	100,233498	147,753124	186,098091	229,960293	302,243452	324,801324
1847	86,8497354	100,324621	147,873941	186,241949	230,132637	302,459635	325,030283
1848	86,9340303	100,415799	147,994824	186,385881	230,305068	302,675921	325,25935
1849	87,0183796	100,507033	148,115773	186,529886	230,477585	302,89231	325,488524
1850	87,1027836	100,598322	148,236788	186,673966	230,650187	303,108802	325,717806
1851	87,187242	100,689666	148,357869	186,81812	230,822876	303,325397	325,947195
1852	87,2717551	100,781065	148,479015	186,962348	230,995651	303,542096	326,176692
1853	87,3563228	100,872519	148,600228	187,106651	231,168513	303,758897	326,406297
1854	87,440945	100,964029	148,721506	187,251027	231,34146	303,975802	326,636009
1855	87,5256219	101,055595	148,842851	187,395478	231,514494	304,19281	326,86583
1856	87,6103535	101,147215	148,964261	187,540004	231,687614	304,409921	327,095758
1857	87,6951397	101,238891	149,085737	187,684603	231,86082	304,627136	327,325793
1858	87,7799806	101,330622	149,20728	187,829277	232,034113	304,844454	327,555937
1859	87,8648762	101,422409	149,328888	187,974025	232,207492	305,061875	327,786189
1860	87,9498265	101,514251	149,450563	188,118847	232,380957	305,279399	328,016548
1861	88,0348316	101,606149	149,572304	188,263744	232,554509	305,497027	328,247015
1862	88,1198914	101,698102	149,69411	188,408716	232,728147	305,714759	328,47759
1863	88,205006	101,79011	149,815983	188,553761	232,901871	305,932594	328,708274
1864	88,2901754	101,882174	149,937922	188,698881	233,075682	306,150532	328,939065
1865	88,3753996	101,974293	150,059927	188,844076	233,249579	306,368574	329,169964
1866	88,4606786	102,066468	150,181999	188,989345	233,423563	306,586719	329,400971
1867	88,5460125	102,158699	150,304136	189,134688	233,597633	306,804967	329,632086
1868	88,6314012	102,250985	150,42634	189,280106	233,77179	307,02332	329,86331
1869	88,7168448	102,343326	150,54861	189,425598	233,946033	307,241776	330,094641
1870	88,8023433	102,435724	150,670946	189,571165	234,120363	307,460335	330,32608
1871	88,8878967	102,528176	150,793348	189,716807	234,29478	307,678998	330,557628
1872	88,973505	102,620685	150,915817	189,862523	234,469283	307,897765	330,789284
1873	89,0591683	102,713249	151,038352	190,008314	234,643872	308,116635	331,021048
1874	89,1448866	102,805868	151,160953	190,154179	234,818549	308,335609	331,25292
1875	89,2306598	102,898544	151,28362	190,300119	234,993312	308,554687	331,484901
1876	89,316488	102,991274	151,406354	190,446134	235,168161	308,773869	331,71699
1877	89,4023713	103,084061	151,529155	190,592223	235,343098	308,993154	331,949187

1878	89,4883096	103,176904	151,652021	190,738387	235,518121	309,212543	332,181492
1879	89,5743029	103,269802	151,774954	190,884626	235,693231	309,432036	332,413906
1880	89,6603514	103,362755	151,897954	191,030939	235,868428	309,651633	332,646428
1881	89,7464549	103,455765	152,02102	191,177327	236,043711	309,871334	332,879059
1882	89,8326135	103,54883	152,144152	191,32379	236,219081	310,091139	333,111798
1883	89,9188272	103,641952	152,267351	191,470328	236,394539	310,311047	333,344646
1884	90,0050961	103,735129	152,390616	191,61694	236,570083	310,531059	333,577602
1885	90,0914202	103,828361	152,513948	191,763628	236,745713	310,751176	333,810666
1886	90,1777994	103,92165	152,637347	191,91039	236,921431	310,971396	334,043839
1887	90,2642338	104,014995	152,760811	192,057227	237,097236	311,191721	334,277121
1888	90,3507235	104,108395	152,884343	192,204139	237,273128	311,412149	334,510511
1889	90,4372683	104,201851	153,007941	192,351126	237,449106	311,632682	334,74401
1890	90,5238684	104,295364	153,131606	192,498187	237,625172	311,853318	334,977617
1891	90,6105238	104,388932	153,255337	192,645324	237,801324	312,074059	335,211333
1892	90,6972345	104,482556	153,379135	192,792536	237,977564	312,294904	335,445158
1893	90,7840004	104,576236	153,502999	192,939822	238,153891	312,515853	335,679092
1894	90,8708217	104,669972	153,626931	193,087184	238,330305	312,736906	335,913134
1895	90,9576984	104,763764	153,750928	193,23462	238,506806	312,958064	336,147285
1896	91,0446303	104,857612	153,874993	193,382132	238,683394	313,179326	336,381544
1897	91,1316177	104,951516	153,999124	193,529719	238,860069	313,400691	336,615913
1898	91,2186604	105,045476	154,123322	193,677381	239,036831	313,622162	336,85039
1899	91,3057586	105,139492	154,247587	193,825117	239,213681	313,843736	337,084977
1900	91,3929121	105,233565	154,371919	193,972929	239,390617	314,065415	337,319672
1901	91,4801211	105,327693	154,496317	194,120817	239,567641	314,287198	337,554476
1902	91,5673856	105,421877	154,620782	194,268779	239,744752	314,509086	337,789389
1903	91,6547056	105,516118	154,745314	194,416816	239,921951	314,731078	338,024411
1904	91,742081	105,610415	154,869913	194,564929	240,099237	314,953175	338,259542
1905	91,829512	105,704768	154,994579	194,713117	240,27661	315,175376	338,494782
1906	91,9169985	105,799177	155,119312	194,86138	240,45407	315,397681	338,730131
1907	92,0045405	105,893642	155,244111	195,009718	240,631618	315,620091	338,965589
1908	92,0921381	105,988164	155,368978	195,158132	240,809253	315,842606	339,201156
1909	92,1797913	106,082741	155,493911	195,30662	240,986975	316,065225	339,436832
1910	92,2675001	106,177375	155,618911	195,455185	241,164785	316,287948	339,672618
1911	92,3552645	106,272066	155,743979	195,603824	241,342683	316,510776	339,908512
1912	92,4430845	106,366812	155,869113	195,752539	241,520668	316,733709	340,144516
1913	92,5309602	106,461615	155,994314	195,901329	241,69874	316,956747	340,380629
1914	92,6188916	106,556474	156,119583	196,050194	241,8769	317,179889	340,616851
1915	92,7068787	106,651389	156,244918	196,199135	242,055147	317,403136	340,853183
1916	92,7949214	106,746361	156,370321	196,348152	242,233482	317,626488	341,089624
1917	92,8830199	106,841389	156,49579	196,497243	242,411905	317,849944	341,326174
1918	92,9711741	106,936474	156,621327	196,646411	242,590415	318,073505	341,562833
1919	93,0593841	107,031615	156,74693	196,795653	242,769012	318,297171	341,799602
1920	93,1476499	107,126812	156,872601	196,944972	242,947698	318,520942	342,03648
1921	93,2359715	107,222066	156,998339	197,094365	243,126471	318,744818	342,273468
1922	93,3243488	107,317376	157,124145	197,243834	243,305331	318,968798	342,510565
1923	93,4127821	107,412743	157,250017	197,393379	243,48428	319,192884	342,747771

1924	93,5012711	107,508166	157,375957	197,543	243,663316	319,417074	342,985087
1925	93,589816	107,603646	157,501963	197,692695	243,84244	319,641369	343,222513
1926	93,6784168	107,699182	157,628037	197,842467	244,021651	319,86577	343,460048
1927	93,7670735	107,794775	157,754179	197,992314	244,200951	320,090275	343,697693
1928	93,8557862	107,890424	157,880387	198,142237	244,380338	320,314885	343,935447
1929	93,9445547	107,98613	158,006663	198,292235	244,559813	320,539601	344,173311
1930	94,0333792	108,081893	158,133006	198,44231	244,739376	320,764421	344,411284
1931	94,1222597	108,177712	158,259417	198,592459	244,919027	320,989347	344,649367
1932	94,2111962	108,273587	158,385895	198,742685	245,098765	321,214377	344,88756
1933	94,3001887	108,36952	158,51244	198,892986	245,278592	321,439513	345,125863
1934	94,3892372	108,465508	158,639053	199,043363	245,458506	321,664754	345,364275
1935	94,4783417	108,561554	158,765733	199,193816	245,638509	321,8901	345,602797
1936	94,5675023	108,657656	158,89248	199,344345	245,818599	322,115552	345,841429
1937	94,656719	108,753815	159,019295	199,494949	245,998778	322,341108	346,080171
1938	94,7459918	108,850031	159,146178	199,64563	246,179044	322,56677	346,319023
1939	94,8353207	108,946303	159,273128	199,796386	246,359398	322,792537	346,557984
1940	94,9247057	109,042633	159,400145	199,947218	246,539841	323,01841	346,797055
1941	95,0141469	109,139018	159,52723	200,098126	246,720372	323,244388	347,036237
1942	95,1036442	109,235461	159,654382	200,24911	246,90099	323,470471	347,275528
1943	95,1931977	109,331961	159,781602	200,400169	247,081697	323,69666	347,514929
1944	95,2828075	109,428517	159,90889	200,551305	247,262492	323,922954	347,75444
1945	95,3724734	109,52513	160,036245	200,702517	247,443376	324,149353	347,994062
1946	95,4621956	109,6218	160,163667	200,853804	247,624347	324,375858	348,233793
1947	95,551974	109,718527	160,291158	201,005168	247,805407	324,602469	348,473634
1948	95,6418087	109,815311	160,418716	201,156608	247,986554	324,829185	348,713586
1949	95,7316997	109,912152	160,546341	201,308124	248,167791	325,056006	348,953647
1950	95,821647	110,009049	160,674034	201,459715	248,349115	325,282933	349,193819
1951	95,9116506	110,106004	160,801795	201,611383	248,530528	325,509966	349,434101
1952	96,0017105	110,203015	160,929624	201,763127	248,712029	325,737104	349,674493
1953	96,0918268	110,300083	161,05752	201,914947	248,893618	325,964348	349,914995
1954	96,1819995	110,397209	161,185485	202,066844	249,075296	326,191698	350,155608
1955	96,2722286	110,494391	161,313516	202,218816	249,257062	326,419153	350,396331
1956	96,3625141	110,591631	161,441616	202,370865	249,438916	326,646714	350,637164
1957	96,452856	110,688927	161,569784	202,522989	249,620859	326,874381	350,878107
1958	96,5432544	110,786281	161,698019	202,67519	249,802891	327,102153	351,119161
1959	96,6337093	110,883691	161,826322	202,827468	249,985011	327,330031	351,360325
1960	96,7242206	110,981159	161,954693	202,979821	250,167219	327,558016	351,6016
1961	96,8147884	111,078684	162,083132	203,132251	250,349516	327,786105	351,842985
1962	96,9054128	111,176266	162,211639	203,284757	250,531901	328,014301	352,08448
1963	96,9960936	111,273905	162,340213	203,437339	250,714375	328,242603	352,326086
1964	97,0868311	111,371601	162,468856	203,589998	250,896938	328,471101	352,567803
1965	97,1776251	111,469354	162,597566	203,742733	251,079589	328,699524	352,80963
1966	97,2684757	111,567165	162,726345	203,895545	251,262329	328,928143	353,051567
1967	97,3593828	111,665032	162,855191	204,048432	251,445157	329,156869	353,293616
1968	97,4503467	111,762957	162,984106	204,201397	251,628075	329,3857	353,535774
1969	97,5413671	111,860939	163,113088	204,354437	251,811108	329,614638	353,778044

1970	97,6324442	111,958979	163,242139	204,507554	251,994175	329,843681	354,020424
1971	97,723578	112,057075	163,371257	204,660748	252,177358	330,072831	354,262914
1972	97,8147685	112,155229	163,500444	204,814018	252,36063	330,302087	354,505516
1973	97,9060157	112,253441	163,629698	204,967365	252,543991	330,531449	354,748228
1974	97,9973197	112,351709	163,759021	205,120788	252,727441	330,760917	354,991051
1975	98,0886803	112,450035	163,888412	205,274287	252,910979	330,990491	355,233985
1976	98,1800978	112,548418	164,017871	205,427864	253,094606	331,220171	355,477029
1977	98,271572	112,646859	164,147398	205,581516	253,278322	331,449958	355,720184
1978	98,363103	112,745357	164,276994	205,735246	253,462127	331,679851	355,963451
1979	98,4546909	112,843912	164,406657	205,889052	253,646021	331,90985	356,206828
1980	98,5463356	112,942525	164,536389	206,042934	253,830004	332,139955	356,450316
1981	98,6380371	113,041195	164,666189	206,196894	254,014076	332,370167	356,693915
1982	98,7297955	113,139923	164,796057	206,350929	254,198236	332,600485	356,937624
1983	98,8216108	113,238708	164,925994	206,505042	254,382486	332,83091	357,181445
1984	98,913483	113,337551	165,055999	206,659231	254,566825	333,061441	357,425377
1985	99,0054121	113,436451	165,186072	206,813498	254,751253	333,292078	357,66942
1986	99,0973982	113,535409	165,316213	206,96784	254,935769	333,522822	357,913574
1987	99,1894412	113,634424	165,446423	207,12226	255,120375	333,753672	358,157839
1988	99,2815412	113,733497	165,576701	207,276756	255,30507	333,984629	358,402215
1989	99,3736982	113,832627	165,707048	207,43133	255,489854	334,215692	358,646702
1990	99,4659122	113,931815	165,837463	207,58598	255,674728	334,446862	358,891301
1991	99,5581832	114,031061	165,967946	207,740707	255,85969	334,678138	359,136011
1992	99,6505113	114,130364	166,098498	207,89551	256,044742	334,909521	359,380831
1993	99,7428964	114,229725	166,229118	208,050391	256,229882	335,141011	359,625763
1994	99,8353386	114,329143	166,359806	208,205348	256,415112	335,372607	359,870807
1995	99,9278379	114,428619	166,490563	208,360383	256,600432	335,60431	360,115961
1996	100,020394	114,528153	166,621389	208,515494	256,78584	335,83612	360,361227
1997	100,113008	114,627744	166,752283	208,670683	256,971338	336,068036	360,606605
1998	100,205679	114,727394	166,883246	208,825948	257,156925	336,300059	360,852093
1999	100,298407	114,8271	167,014277	208,98129	257,342602	336,532189	361,097693
2000	100,391192	114,926865	167,145377	209,13671	257,528367	336,764426	361,343405
2001	100,484034	115,026688	167,276545	209,292206	257,714223	336,996769	361,589228
2002	100,576933	115,126568	167,407782	209,44778	257,900167	337,22922	361,835162
2003	100,66989	115,226506	167,539088	209,60343	258,086201	337,461777	362,081208
2004	100,762904	115,326502	167,670462	209,759158	258,272325	337,694441	362,327365
2005	100,855976	115,426555	167,801905	209,914963	258,458538	337,927212	362,573634
2006	100,949104	115,526667	167,933416	210,070844	258,64484	338,16009	362,820014
2007	101,04229	115,626836	168,064997	210,226803	258,831232	338,393075	363,066507
2008	101,135533	115,727064	168,196646	210,38284	259,017713	338,626167	363,31311
2009	101,228834	115,827349	168,328363	210,538953	259,204284	338,859366	363,559826
2010	101,322192	115,927692	168,46015	210,695144	259,390945	339,092671	363,806652
2011	101,415607	116,028093	168,592005	210,851411	259,577695	339,326084	364,053591
2012	101,50908	116,128552	168,723929	211,007757	259,764535	339,559605	364,300642
2013	101,60261	116,229069	168,855922	211,164179	259,951464	339,793232	364,547804
2014	101,696197	116,329644	168,987983	211,320678	260,138483	340,026966	364,795078
2015	101,789842	116,430277	169,120114	211,477255	260,325592	340,260808	365,042463

2016	101,883545	116,530968	169,252313	211,63391	260,51279	340,494756	365,289961
2017	101,977305	116,631717	169,384581	211,790641	260,700079	340,728812	365,53757
2018	102,071122	116,732524	169,516919	211,94745	260,887457	340,962975	365,785291
2019	102,164997	116,833389	169,649325	212,104337	261,074924	341,197246	366,033124
2020	102,25893	116,934313	169,781799	212,2613	261,262482	341,431623	366,281069
2021	102,35292	117,035294	169,914343	212,418342	261,450129	341,666108	366,529126
2022	102,446968	117,136333	170,046956	212,57546	261,637866	341,900701	366,777295
2023	102,541073	117,237431	170,179638	212,732656	261,825693	342,1354	367,025576
2024	102,635236	117,338587	170,312389	212,88993	262,01361	342,370207	367,273969
2025	102,729456	117,439801	170,445209	213,047281	262,201616	342,605122	367,522474
2026	102,823735	117,541073	170,578098	213,204709	262,389713	342,840144	367,771091
2027	102,91807	117,642403	170,711056	213,362215	262,5779	343,075273	368,01982
2028	103,012464	117,743792	170,844083	213,519799	262,766176	343,31051	368,268662
2029	103,106915	117,845238	170,977179	213,67746	262,954542	343,545854	368,517615
2030	103,201424	117,946743	171,110344	213,835199	263,142999	343,781306	368,766681
2031	103,295991	118,048307	171,243578	213,993015	263,331545	344,016866	369,015858
2032	103,390615	118,149928	171,376882	214,15091	263,520182	344,252533	369,265148
2033	103,485297	118,251608	171,510254	214,308881	263,708909	344,488307	369,514551
2034	103,580037	118,353346	171,643696	214,466931	263,897725	344,72419	369,764065
2035	103,674835	118,455143	171,777207	214,625058	264,086632	344,96018	370,013692
2036	103,76969	118,556998	171,910787	214,783262	264,275629	345,196277	370,263431
2037	103,864604	118,658911	172,044437	214,941545	264,464716	345,432482	370,513283
2038	103,959575	118,760883	172,178155	215,099905	264,653893	345,668795	370,763247
2039	104,054604	118,862913	172,311943	215,258343	264,843161	345,905216	371,013323
2040	104,149691	118,965001	172,445801	215,416859	265,032518	346,141745	371,263512
2041	104,244836	119,067148	172,579727	215,575452	265,221966	346,378381	371,513813
2042	104,340039	119,169354	172,713723	215,734124	265,411505	346,615125	371,764226
2043	104,4353	119,271617	172,847788	215,892873	265,601133	346,851977	372,014752
2044	104,530619	119,37394	172,981923	216,0517	265,790852	347,088937	372,265391
2045	104,625996	119,476321	173,116127	216,210605	265,980661	347,326005	372,516142
2046	104,72143	119,57876	173,2504	216,369588	266,17056	347,563181	372,767006
2047	104,816923	119,681258	173,384743	216,528649	266,36055	347,800464	373,017983
2048	104,912474	119,783814	173,519155	216,687787	266,55063	348,037856	373,269072
2049	105,008083	119,886429	173,653637	216,847004	266,740801	348,275355	373,520273
2050	105,10375	119,989103	173,788188	217,006299	266,931062	348,512963	373,771587
2051	105,199475	120,091835	173,922809	217,165671	267,121413	348,750679	374,023015
2052	105,295258	120,194626	174,057499	217,325122	267,311855	348,988502	374,274554
2053	105,391099	120,297475	174,192258	217,484651	267,502387	349,226434	374,526207
2054	105,486999	120,400384	174,327088	217,644257	267,69301	349,464474	374,777972
2055	105,582956	120,50335	174,461986	217,803942	267,883724	349,702622	375,02985
2056	105,678972	120,606376	174,596955	217,963705	268,074528	349,940879	375,281841
2057	105,775046	120,70946	174,731993	218,123546	268,265422	350,179243	375,533945
2058	105,871178	120,812603	174,8671	218,283465	268,456408	350,417716	375,786162
2059	105,967369	120,915805	175,002277	218,443462	268,647483	350,656297	376,038491
2060	106,063617	121,019065	175,137524	218,603538	268,83865	350,894986	376,290934
2061	106,159924	121,122384	175,27284	218,763691	269,029907	351,133783	376,543489

2062	106,256289	121,225762	175,408226	218,923923	269,221255	351,372689	376,796157
2063	106,352713	121,329199	175,543682	219,084233	269,412693	351,611703	377,048939
2064	106,449194	121,432695	175,679208	219,244621	269,604223	351,850826	377,301833
2065	106,545734	121,536249	175,814803	219,405088	269,795843	352,090057	377,554841
2066	106,642333	121,639862	175,950468	219,565633	269,987553	352,329396	377,807961
2067	106,73899	121,743534	176,086203	219,726256	270,179355	352,568844	378,061195
2068	106,835705	121,847265	176,222008	219,886957	270,371247	352,8084	378,314542
2069	106,932479	121,951055	176,357882	220,047737	270,563231	353,048065	378,568002
2070	107,029311	122,054904	176,493826	220,208595	270,755305	353,287838	378,821575
2071	107,126201	122,158812	176,62984	220,369532	270,94747	353,52772	379,075262
2072	107,22315	122,262779	176,765924	220,530547	271,139726	353,76771	379,329061
2073	107,320157	122,366805	176,902078	220,69164	271,332073	354,007809	379,582974
2074	107,417223	122,470889	177,038302	220,852812	271,52451	354,248017	379,837
2075	107,514348	122,575033	177,174595	221,014062	271,717039	354,488333	380,09114
2076	107,611531	122,679236	177,310959	221,17539	271,909659	354,728758	380,345392
2077	107,708772	122,783498	177,447392	221,336797	272,102369	354,969291	380,599759
2078	107,806072	122,887818	177,583896	221,498283	272,295171	355,209933	380,854238
2079	107,903431	122,992198	177,720469	221,659847	272,488064	355,450684	381,108831
2080	108,000848	123,096637	177,857113	221,82149	272,681048	355,691544	381,363537
2081	108,098324	123,201136	177,993826	221,983211	272,874123	355,932512	381,618357
2082	108,195858	123,305693	178,13061	222,145011	273,067289	356,17359	381,873291
2083	108,293452	123,410309	178,267463	222,30689	273,260546	356,414776	382,128337
2084	108,391103	123,514985	178,404387	222,468847	273,453895	356,656071	382,383498
2085	108,488814	123,619719	178,541381	222,630882	273,647334	356,897475	382,638772
2086	108,586583	123,724513	178,678445	222,792997	273,840865	357,138987	382,894159
2087	108,684411	123,829366	178,815579	222,95519	274,034487	357,380609	383,14966
2088	108,782298	123,934279	178,952783	223,117462	274,2282	357,62234	383,405275
2089	108,880243	124,03925	179,090057	223,279812	274,422005	357,864179	383,661004
2090	108,978247	124,144281	179,227401	223,442241	274,615901	358,106128	383,916846
2091	109,07631	124,249371	179,364816	223,604749	274,809888	358,348186	384,172802
2092	109,174432	124,354521	179,502301	223,767336	275,003966	358,590352	384,428871
2093	109,272612	124,459729	179,639856	223,930002	275,198136	358,832628	384,685054
2094	109,370852	124,564997	179,777482	224,092746	275,392397	359,075013	384,941352
2095	109,46915	124,670325	179,915177	224,255569	275,58675	359,317507	385,197763
2096	109,567507	124,775712	180,052943	224,418471	275,781194	359,56011	385,454287
2097	109,665924	124,881158	180,19078	224,581452	275,975729	359,802823	385,710926
2098	109,764399	124,986663	180,328686	224,744512	276,170356	360,045644	385,967678
2099	109,862932	125,092228	180,466663	224,907651	276,365075	360,288575	386,224545
2100	109,961525	125,197852	180,60471	225,070868	276,559884	360,531615	386,481525
2101	110,060177	125,303536	180,742828	225,234165	276,754786	360,774764	386,73862
2102	110,158888	125,409279	180,881016	225,39754	276,949779	361,018023	386,995828
2103	110,257658	125,515082	181,019275	225,560995	277,144863	361,261391	387,25315
2104	110,356487	125,620944	181,157604	225,724528	277,340039	361,504868	387,510587
2105	110,455375	125,726866	181,296003	225,888141	277,535307	361,748455	387,768137
2106	110,554322	125,832847	181,434473	226,051832	277,730667	361,992151	388,025802
2107	110,653328	125,938888	181,573013	226,215603	277,926118	362,235956	388,28358

2108	110,752393	126,044988	181,711624	226,379453	278,12166	362,479871	388,541473
2109	110,851517	126,151148	181,850306	226,543382	278,317295	362,723895	388,79948
2110	110,9507	126,257368	181,989058	226,70739	278,513021	362,968029	389,057601
2111	111,049943	126,363647	182,12788	226,871477	278,708839	363,212273	389,315837
2112	111,149245	126,469985	182,266773	227,035643	278,904748	363,456625	389,574186
2113	111,248605	126,576384	182,405737	227,199888	279,10075	363,701088	389,83265
2114	111,348026	126,682842	182,544771	227,364213	279,296843	363,94566	390,091228
2115	111,447505	126,789359	182,683876	227,528617	279,493028	364,190342	390,349921
2116	111,547043	126,895937	182,823052	227,6931	279,689305	364,435133	390,608728
2117	111,646641	127,002574	182,962298	227,857662	279,885674	364,680034	390,867649
2118	111,746298	127,109271	183,101615	228,022304	280,082134	364,925045	391,126685
2119	111,846014	127,216027	183,241002	228,187025	280,278687	365,170165	391,385835
2120	111,94579	127,322844	183,380461	228,351825	280,475331	365,415395	391,645099
2121	112,045625	127,42972	183,51999	228,516704	280,672068	365,660735	391,904478
2122	112,145519	127,536656	183,65959	228,681663	280,868896	365,906185	392,163972
2123	112,245473	127,643651	183,79926	228,846702	281,065817	366,151745	392,42358
2124	112,345486	127,750707	183,939002	229,011819	281,262829	366,397414	392,683302
2125	112,445558	127,857822	184,078814	229,177016	281,459934	366,643193	392,943139
2126	112,54569	127,964997	184,218697	229,342293	281,65713	366,889082	393,203091
2127	112,645881	128,072232	184,358651	229,507649	281,854419	367,135081	393,463157
2128	112,746132	128,179527	184,498676	229,673084	282,0518	367,38119	393,723338
2129	112,846442	128,286882	184,638771	229,838599	282,249273	367,627409	393,983634
2130	112,946812	128,394297	184,778938	230,004193	282,446838	367,873738	394,244044
2131	113,047241	128,501772	184,919175	230,169867	282,644495	368,120177	394,504569
2132	113,147729	128,609307	185,059484	230,33562	282,842244	368,366726	394,765209
2133	113,248277	128,716901	185,199863	230,501453	283,040086	368,613385	395,025964
2134	113,348885	128,824556	185,340313	230,667366	283,23802	368,860154	395,286833
2135	113,449552	128,932271	185,480835	230,833358	283,436046	369,107033	395,547817
2136	113,550279	129,040045	185,621427	230,99943	283,634164	369,354023	395,808916
2137	113,651066	129,14788	185,76209	231,165581	283,832375	369,601122	396,07013
2138	113,751912	129,255775	185,902825	231,331812	284,030678	369,848332	396,331459
2139	113,852818	129,36373	186,04363	231,498123	284,229073	370,095652	396,592903
2140	113,953783	129,471745	186,184507	231,664513	284,427561	370,343082	396,854461
2141	114,054808	129,57982	186,325455	231,830983	284,626141	370,590622	397,116135
2142	114,155893	129,687955	186,466473	231,997533	284,824813	370,838273	397,377924
2143	114,257037	129,796151	186,607563	232,164163	285,023578	371,086034	397,639827
2144	114,358241	129,904406	186,748724	232,330872	285,222436	371,333905	397,901846
2145	114,459505	130,012722	186,889957	232,497661	285,421386	371,581887	398,16398
2146	114,560829	130,121098	187,03126	232,66453	285,620428	371,829979	398,426229
2147	114,662212	130,229534	187,172635	232,831479	285,819563	372,078181	398,688593
2148	114,763656	130,33803	187,31408	232,998507	286,01879	372,326494	398,951072
2149	114,865159	130,446587	187,455598	233,165616	286,21811	372,574917	399,213667
2150	114,966722	130,555204	187,597186	233,332804	286,417523	372,823451	399,476376
2151	115,068344	130,663881	187,738846	233,500072	286,617028	373,072096	399,739201
2152	115,170027	130,772618	187,880576	233,667421	286,816626	373,32085	400,002141
2153	115,27177	130,881416	188,022379	233,834849	287,016316	373,569716	400,265197

2154	115,373572	130,990274	188,164252	234,002357	287,216099	373,818692	400,528367
2155	115,475434	131,099192	188,306197	234,169945	287,415975	374,067778	400,791653
2156	115,577357	131,208171	188,448213	234,337613	287,615943	374,316975	401,055055
2157	115,679339	131,31721	188,590301	234,505361	287,816005	374,566283	401,318571
2158	115,781381	131,42631	188,73246	234,673189	288,016159	374,815702	401,582203
2159	115,883483	131,53547	188,874691	234,841097	288,216405	375,065231	401,845951
2160	115,985645	131,64469	189,016993	235,009085	288,416745	375,314871	402,109814
2161	116,087868	131,753971	189,159366	235,177154	288,617177	375,564622	402,373792
2162	116,19015	131,863312	189,301811	235,345302	288,817702	375,814483	402,637886
2163	116,292492	131,972714	189,444327	235,513531	289,01832	376,064455	402,902096
2164	116,394895	132,082176	189,586915	235,681839	289,219031	376,314538	403,166421
2165	116,497357	132,191699	189,729575	235,850228	289,419835	376,564732	403,430862
2166	116,59988	132,301282	189,872306	236,018697	289,620732	376,815037	403,695418
2167	116,702462	132,410926	190,015108	236,187247	289,821721	377,065453	403,96009
2168	116,805105	132,52063	190,157982	236,355876	290,022804	377,315979	404,224878
2169	116,907808	132,630395	190,300928	236,524586	290,22398	377,566617	404,489781
2170	117,010572	132,740221	190,443945	236,693376	290,425248	377,817365	404,7548
2171	117,113395	132,850107	190,587034	236,862246	290,62661	378,068225	405,019934
2172	117,216279	132,960054	190,730195	237,031197	290,828065	378,319195	405,285185
2173	117,319223	133,070061	190,873427	237,200228	291,029613	378,570277	405,550551
2174	117,422227	133,180129	191,016731	237,369339	291,231253	378,821469	405,816033
2175	117,525291	133,290258	191,160107	237,53853	291,432987	379,072773	406,081631
2176	117,628416	133,400448	191,303554	237,707802	291,634815	379,324188	406,347345
2177	117,731601	133,510698	191,447073	237,877155	291,836735	379,575714	406,613174
2178	117,834846	133,621009	191,590664	238,046588	292,038748	379,827351	406,87912
2179	117,938152	133,73138	191,734327	238,216101	292,240855	380,079099	407,145181
2180	118,041518	133,841813	191,878061	238,385694	292,443055	380,330959	407,411359
2181	118,144945	133,952306	192,021868	238,555369	292,645348	380,58293	407,677652
2182	118,248431	134,06286	192,165746	238,725123	292,847735	380,835012	407,944062
2183	118,351979	134,173475	192,309696	238,894958	293,050214	381,087205	408,210587
2184	118,455586	134,28415	192,453718	239,064874	293,252787	381,33951	408,477229
2185	118,559255	134,394887	192,597811	239,23487	293,455454	381,591926	408,743986
2186	118,662983	134,505684	192,741977	239,404947	293,658214	381,844453	409,01086
2187	118,766772	134,616542	192,886215	239,575105	293,861067	382,097092	409,27785
2188	118,870622	134,727462	193,030524	239,745343	294,064013	382,349842	409,544956
2189	118,974532	134,838442	193,174906	239,915661	294,267053	382,602703	409,812178
2190	119,078503	134,949483	193,319359	240,08606	294,470186	382,855676	410,079517
2191	119,182534	135,060584	193,463885	240,25654	294,673413	383,108761	410,346971
2192	119,286626	135,171747	193,608482	240,427101	294,876733	383,361957	410,614542
2193	119,390778	135,282971	193,753152	240,597742	295,080147	383,615264	410,88223
2194	119,494991	135,394256	193,897893	240,768464	295,283655	383,868683	411,150033
2195	119,599264	135,505602	194,042707	240,939267	295,487255	384,122214	411,417953
2196	119,703599	135,617009	194,187593	241,110151	295,69095	384,375856	411,685989
2197	119,807994	135,728477	194,33255	241,281115	295,894738	384,62961	411,954142
2198	119,912449	135,840006	194,47758	241,45216	296,09862	384,883476	412,222411
2199	120,016965	135,951596	194,622682	241,623286	296,302595	385,137453	412,490797

2200	120,121542	136,063247	194,767857	241,794493	296,506664	385,391542	412,759299
2201	120,22618	136,174959	194,913103	241,965781	296,710826	385,645743	413,027917
2202	120,330879	136,286733	195,058422	242,137149	296,915083	385,900055	413,296652
2203	120,435638	136,398567	195,203812	242,308598	297,119433	386,15448	413,565503
2204	120,540458	136,510463	195,349275	242,480129	297,323876	386,409016	413,834472
2205	120,645339	136,62242	195,494811	242,65174	297,528414	386,663664	414,103556
2206	120,75028	136,734438	195,640418	242,823432	297,733045	386,918423	414,372758
2207	120,855283	136,846517	195,786098	242,995205	297,93777	387,173295	414,642075
2208	120,960346	136,958658	195,93185	243,16706	298,142589	387,428278	414,91151
2209	121,06547	137,070859	196,077675	243,338995	298,347502	387,683374	415,181061
2210	121,170655	137,183122	196,223571	243,511011	298,552509	387,938581	415,450729
2211	121,275901	137,295447	196,369541	243,683108	298,757609	388,1939	415,720514
2212	121,381208	137,407832	196,515582	243,855286	298,962804	388,449332	415,990416
2213	121,486576	137,520279	196,661696	244,027546	299,168092	388,704875	416,260434
2214	121,592005	137,632788	196,807882	244,199886	299,373474	388,960531	416,530569
2215	121,697495	137,745357	196,954141	244,372308	299,578951	389,216298	416,800821
2216	121,803046	137,857988	197,100472	244,544811	299,784521	389,472178	417,07119
2217	121,908658	137,970681	197,246876	244,717395	299,990185	389,728169	417,341676
2218	122,01433	138,083434	197,393352	244,89006	300,195944	389,984273	417,612279
2219	122,120064	138,196249	197,539901	245,062806	300,401796	390,240489	417,882998
2220	122,225859	138,309126	197,686522	245,235634	300,607743	390,496818	418,153835
2221	122,331715	138,422064	197,833215	245,408542	300,813783	390,753258	418,424788
2222	122,437632	138,535064	197,979982	245,581532	301,019918	391,009811	418,695859
2223	122,543611	138,648125	198,12682	245,754604	301,226147	391,266476	418,967047
2224	122,64965	138,761247	198,273732	245,927756	301,43247	391,523253	419,238351
2225	122,755751	138,874431	198,420716	246,10099	301,638887	391,780143	419,509773
2226	122,861912	138,987677	198,567772	246,274305	301,845399	392,037144	419,781312
2227	122,968135	139,100984	198,714902	246,447702	302,052004	392,294259	420,052968
2228	123,074419	139,214352	198,862104	246,62118	302,258704	392,551485	420,324742
2229	123,180765	139,327783	199,009378	246,794739	302,465499	392,808825	420,596632
2230	123,287171	139,441274	199,156725	246,96838	302,672387	393,066276	420,86864
2231	123,393639	139,554828	199,304145	247,142102	302,87937	393,32384	421,140765
2232	123,500168	139,668443	199,451638	247,315906	303,086447	393,581517	421,413007
2233	123,606759	139,78212	199,599204	247,489791	303,293619	393,839306	421,685367
2234	123,713411	139,895858	199,746842	247,663757	303,500885	394,097207	421,957843
2235	123,820124	140,009658	199,894553	247,837806	303,708245	394,355221	422,230438
2236	123,926898	140,12352	200,042337	248,011935	303,9157	394,613348	422,503149
2237	124,033734	140,237443	200,190193	248,186146	304,123249	394,871587	422,775978
2238	124,140631	140,351428	200,338123	248,360439	304,330893	395,129939	423,048925
2239	124,24759	140,465475	200,486125	248,534813	304,538631	395,388404	423,321989
2240	124,35461	140,579584	200,6342	248,709269	304,746464	395,646981	423,59517
2241	124,461691	140,693755	200,782349	248,883807	304,954391	395,905671	423,868469
2242	124,568834	140,807987	200,93057	249,058426	305,162413	396,164474	424,141885
2243	124,676038	140,922281	201,078863	249,233127	305,370529	396,42339	424,415419
2244	124,783304	141,036637	201,22723	249,407909	305,57874	396,682418	424,689071
2245	124,890631	141,151055	201,37567	249,582773	305,787046	396,941559	424,96284

2246	124,99802	141,265534	201,524183	249,757719	305,995446	397,200813	425,236726
2247	125,105471	141,380076	201,672769	249,932747	306,203941	397,46018	425,510731
2248	125,212983	141,494679	201,821428	250,107856	306,412531	397,71966	425,784853
2249	125,320556	141,609345	201,97016	250,283047	306,621215	397,979252	426,059093
2250	125,428191	141,724072	202,118965	250,45832	306,829994	398,238958	426,33345
2251	125,535888	141,838861	202,267843	250,633675	307,038868	398,498776	426,607925
2252	125,643647	141,953712	202,416794	250,809112	307,247836	398,758708	426,882518
2253	125,751467	142,068626	202,565818	250,98463	307,4569	399,018752	427,157229
2254	125,859348	142,183601	202,714915	251,16023	307,666058	399,27891	427,432058
2255	125,967292	142,298638	202,864086	251,335912	307,875311	399,53918	427,707005
2256	126,075297	142,413737	203,013329	251,511677	308,084659	399,799564	427,982069
2257	126,183364	142,528898	203,162646	251,687523	308,294102	400,060061	428,257251
2258	126,291492	142,644122	203,312036	251,86345	308,503639	400,320671	428,532552
2259	126,399682	142,759407	203,4615	252,03946	308,713272	400,581394	428,80797
2260	126,507934	142,874755	203,611036	252,215552	308,922999	400,84223	429,083506
2261	126,616248	142,990164	203,760646	252,391726	309,132822	401,103179	429,35916
2262	126,724624	143,105636	203,910329	252,567982	309,342739	401,364242	429,634932
2263	126,833061	143,22117	204,060085	252,74432	309,552752	401,625418	429,910823
2264	126,941561	143,336766	204,209915	252,92074	309,762859	401,886707	430,186831
2265	127,050122	143,452424	204,359817	253,097242	309,973062	402,14811	430,462958
2266	127,158745	143,568145	204,509794	253,273826	310,183359	402,409626	430,739202
2267	127,26743	143,683928	204,659843	253,450493	310,393752	402,671255	431,015565
2268	127,376177	143,799773	204,809966	253,627241	310,60424	402,932997	431,292046
2269	127,484986	143,91568	204,960163	253,804072	310,814823	403,194853	431,568645
2270	127,593856	144,031649	205,110432	253,980984	311,025501	403,456823	431,845362
2271	127,702789	144,147681	205,260776	254,157979	311,236274	403,718905	432,122198
2272	127,811784	144,263775	205,411192	254,335057	311,447143	403,981102	432,399152
2273	127,920841	144,379931	205,561683	254,512216	311,658107	404,243411	432,676224
2274	128,029959	144,49615	205,712246	254,689458	311,869166	404,505835	432,953415
2275	128,13914	144,612431	205,862883	254,866782	312,08032	404,768372	433,230724
2276	128,248383	144,728774	206,013594	255,044188	312,29157	405,031022	433,508151
2277	128,357688	144,84518	206,164378	255,221676	312,502914	405,293786	433,785697
2278	128,467055	144,961648	206,315236	255,399247	312,714355	405,556664	434,063361
2279	128,576484	145,078179	206,466167	255,5769	312,92589	405,819655	434,341144
2280	128,685975	145,194772	206,617172	255,754636	313,137521	406,08276	434,619045
2281	128,795528	145,311427	206,768251	255,932454	313,349247	406,345979	434,897065
2282	128,905144	145,428145	206,919403	256,110354	313,561069	406,609311	435,175203
2283	129,014821	145,544926	207,070628	256,288337	313,772986	406,872757	435,45346
2284	129,124561	145,661769	207,221928	256,466402	313,984999	407,136317	435,731835
2285	129,234363	145,778674	207,373301	256,64455	314,197107	407,399991	436,010329
2286	129,344228	145,895642	207,524748	256,82278	314,409311	407,663778	436,288942
2287	129,454154	146,012673	207,676268	257,001092	314,62161	407,92768	436,567673
2288	129,564143	146,129766	207,827863	257,179487	314,834004	408,191695	436,846523
2289	129,674194	146,246921	207,979531	257,357965	315,046495	408,455824	437,125492
2290	129,784308	146,36414	208,131273	257,536525	315,25908	408,720067	437,404579
2291	129,894483	146,481421	208,283088	257,715168	315,471762	408,984424	437,683785

2292	130,004721	146,598764	208,434978	257,893893	315,684539	409,248895	437,96311
2293	130,115022	146,71617	208,586941	258,072701	315,897412	409,51348	438,242554
2294	130,225385	146,833639	208,738978	258,251592	316,11038	409,778179	438,522116
2295	130,33581	146,951171	208,891089	258,430565	316,323444	410,042992	438,801798
2296	130,446297	147,068765	209,043274	258,609621	316,536604	410,307919	439,081598
2297	130,556847	147,186422	209,195532	258,78876	316,74986	410,57296	439,361518
2298	130,66746	147,304141	209,347865	258,967981	316,963211	410,838115	439,641556
2299	130,778135	147,421924	209,500272	259,147285	317,176658	411,103384	439,921713
2300	130,888872	147,539769	209,652752	259,326672	317,390201	411,368768	440,201989
2301	130,999672	147,657677	209,805307	259,506142	317,60384	411,634266	440,482385
2302	131,110534	147,775648	209,957935	259,685694	317,817574	411,899878	440,762899
2303	131,221459	147,893682	210,110637	259,865329	318,031405	412,165604	441,043532
2304	131,332447	148,011778	210,263414	260,045047	318,245331	412,431444	441,324285
2305	131,443497	148,129937	210,416264	260,224848	318,459353	412,697399	441,605156
2306	131,554609	148,248159	210,569189	260,404732	318,673471	412,963468	441,886147
2307	131,665785	148,366444	210,722188	260,584698	318,887685	413,229651	442,167257
2308	131,777022	148,484792	210,875261	260,764748	319,101996	413,495949	442,448486
2309	131,888323	148,603203	211,028407	260,94488	319,316402	413,762361	442,729834
2310	131,999686	148,721677	211,181628	261,125096	319,530904	414,028887	443,011302
2311	132,111112	148,840214	211,334924	261,305394	319,745502	414,295528	443,292888
2312	132,2226	148,958814	211,488293	261,485775	319,960196	414,562284	443,574595
2313	132,334151	149,077476	211,641736	261,666239	320,174987	414,829154	443,85642
2314	132,445765	149,196202	211,795254	261,846787	320,389873	415,096138	444,138365
2315	132,557442	149,314991	211,948846	262,027417	320,604855	415,363237	444,420429
2316	132,669181	149,433843	212,102512	262,20813	320,819934	415,63045	444,702612
2317	132,780983	149,552757	212,256253	262,388927	321,035109	415,897778	444,984915
2318	132,892848	149,671735	212,410067	262,569806	321,25038	416,165221	445,267338
2319	133,004776	149,790776	212,563956	262,750769	321,465747	416,432778	445,54988
2320	133,116767	149,90988	212,71792	262,931814	321,681211	416,70045	445,832541
2321	133,22882	150,029048	212,871957	263,112943	321,896771	416,968237	446,115322
2322	133,340937	150,148278	213,026069	263,294155	322,112427	417,236138	446,398222
2323	133,453116	150,267571	213,180255	263,475451	322,328179	417,504154	446,681242
2324	133,565358	150,386928	213,334516	263,656829	322,544028	417,772285	446,964382
2325	133,677663	150,506348	213,488851	263,838291	322,759973	418,04053	447,247641
2326	133,790031	150,625831	213,643261	264,019835	322,976014	418,308891	447,53102
2327	133,902462	150,745377	213,797745	264,201464	323,192152	418,577366	447,814519
2328	134,014956	150,864987	213,952303	264,383175	323,408386	418,845956	448,098137
2329	134,127513	150,984659	214,106936	264,56497	323,624716	419,114661	448,381875
2330	134,240132	151,104395	214,261643	264,746848	323,841143	419,38348	448,665733
2331	134,352815	151,224195	214,416425	264,928809	324,057667	419,652415	448,94971
2332	134,465561	151,344057	214,571282	265,110854	324,274287	419,921465	449,233808
2333	134,57837	151,463983	214,726213	265,292982	324,491003	420,190629	449,518025
2334	134,691242	151,583973	214,881218	265,475194	324,707816	420,459909	449,802362
2335	134,804178	151,704025	215,036298	265,657488	324,924726	420,729304	450,086819
2336	134,917176	151,824141	215,191453	265,839867	325,141732	420,998813	450,371395
2337	135,030237	151,944321	215,346682	266,022329	325,358835	421,268438	450,656092

2338	135,143362	152,064563	215,501986	266,204874	325,576034	421,538178	450,940909
2339	135,256549	152,18487	215,657365	266,387503	325,79333	421,808033	451,225845
2340	135,3698	152,305239	215,812818	266,570215	326,010723	422,078003	451,510902
2341	135,483114	152,425672	215,968346	266,753011	326,228212	422,348088	451,796079
2342	135,596492	152,546169	216,123948	266,93589	326,445798	422,618289	452,081375
2343	135,709932	152,666729	216,279626	267,118853	326,663481	422,888605	452,366792
2344	135,823436	152,787353	216,435378	267,3019	326,881261	423,159035	452,652329
2345	135,937003	152,90804	216,591205	267,48503	327,099137	423,429582	452,937986
2346	136,050634	153,02879	216,747106	267,668243	327,31711	423,700243	453,223763
2347	136,164327	153,149604	216,903083	267,851541	327,53518	423,97102	453,509661
2348	136,278084	153,270482	217,059134	268,034922	327,753347	424,241912	453,795678
2349	136,391904	153,391423	217,21526	268,218386	327,97161	424,51292	454,081816
2350	136,505788	153,512428	217,371461	268,401935	328,189971	424,784043	454,368074
2351	136,619735	153,633497	217,527737	268,585567	328,408428	425,055281	454,654453
2352	136,733746	153,754629	217,684087	268,769283	328,626983	425,326635	454,940951
2353	136,84782	153,875825	217,840513	268,953083	328,845634	425,598104	455,22757
2354	136,961957	153,997085	217,997014	269,136966	329,064382	425,869689	455,51431
2355	137,076158	154,118408	218,153589	269,320933	329,283227	426,141389	455,801169
2356	137,190422	154,239795	218,310239	269,504984	329,50217	426,413205	456,088149
2357	137,304749	154,361245	218,466965	269,689119	329,721209	426,685136	456,37525
2358	137,419141	154,48276	218,623765	269,873338	329,940345	426,957183	456,662471
2359	137,533595	154,604338	218,78064	270,05764	330,159579	427,229345	456,949813
2360	137,648114	154,72598	218,937591	270,242027	330,378909	427,501623	457,237275
2361	137,762695	154,847685	219,094616	270,426497	330,598337	427,774017	457,524857
2362	137,877341	154,969455	219,251717	270,611051	330,817861	428,046527	457,81256
2363	137,99205	155,091288	219,408892	270,79569	331,037483	428,319152	458,100384
2364	138,106822	155,213185	219,566143	270,980412	331,257202	428,591893	458,388328
2365	138,221658	155,335146	219,723469	271,165218	331,477019	428,864749	458,676393
2366	138,336558	155,457171	219,88087	271,350108	331,696932	429,137722	458,964579
2367	138,451522	155,57926	220,038346	271,535082	331,916943	429,41081	459,252885
2368	138,566549	155,701413	220,195897	271,720141	332,137051	429,684014	459,541312
2369	138,68164	155,823629	220,353523	271,905283	332,357256	429,957334	459,82986
2370	138,796794	155,94591	220,511225	272,090509	332,577559	430,23077	460,118528
2371	138,912012	156,068254	220,669002	272,27582	332,797959	430,504322	460,407318
2372	139,027294	156,190663	220,826854	272,461215	333,018456	430,77799	460,696228
2373	139,14264	156,313135	220,984781	272,646693	333,23905	431,051773	460,985259
2374	139,25805	156,435672	221,142784	272,832256	333,459742	431,325673	461,27441
2375	139,373523	156,558272	221,300862	273,017903	333,680532	431,599688	461,563683
2376	139,48906	156,680936	221,459015	273,203635	333,901419	431,87382	461,853077
2377	139,604661	156,803665	221,617244	273,38945	334,122403	432,148068	462,142591
2378	139,720326	156,926458	221,775548	273,57535	334,343485	432,422432	462,432227
2379	139,836055	157,049314	221,933927	273,761334	334,564664	432,696911	462,721983
2380	139,951848	157,172235	222,092381	273,947402	334,785941	432,971507	463,011861
2381	140,067704	157,29522	222,250912	274,133555	335,007316	433,24622	463,301859
2382	140,183625	157,418269	222,409517	274,319792	335,228788	433,521048	463,591979
2383	140,299609	157,541383	222,568198	274,506113	335,450357	433,795992	463,88222

2384	140,415657	157,66456	222,726954	274,692518	335,672024	434,071053	464,172581
2385	140,53177	157,787802	222,885786	274,879008	335,893789	434,34623	464,463064
2386	140,647946	157,911107	223,044694	275,065583	336,115652	434,621523	464,753669
2387	140,764186	158,034477	223,203677	275,252241	336,337612	434,896933	465,044394
2388	140,880491	158,157912	223,362735	275,438985	336,559669	435,172459	465,33524
2389	140,996859	158,28141	223,521869	275,625812	336,781825	435,448101	465,626208
2390	141,113291	158,404973	223,681078	275,812724	337,004078	435,72386	465,917297
2391	141,229788	158,5286	223,840364	275,999721	337,226429	435,999735	466,208508
2392	141,346349	158,652292	223,999724	276,186802	337,448878	436,275726	466,499839
2393	141,462973	158,776047	224,159161	276,373967	337,671425	436,551834	466,791292
2394	141,579662	158,899867	224,318673	276,561217	337,894069	436,828058	467,082867
2395	141,696415	159,023752	224,47826	276,748552	338,116811	437,104399	467,374562
2396	141,813233	159,147701	224,637923	276,935971	338,339652	437,380857	467,666379
2397	141,930114	159,271714	224,797662	277,123475	338,56259	437,657431	467,958318
2398	142,04706	159,395791	224,957477	277,311063	338,785626	437,934121	468,250378
2399	142,164069	159,519933	225,117368	277,498737	339,00876	438,210928	468,54256
2400	142,281143	159,64414	225,277334	277,686494	339,231991	438,487852	468,834863
2401	142,398282	159,768411	225,437376	277,874337	339,455321	438,764892	469,127287
2402	142,515484	159,892746	225,597493	278,062264	339,678749	439,042049	469,419834
2403	142,632751	160,017146	225,757687	278,250276	339,902275	439,319323	469,712501
2404	142,750082	160,14161	225,917956	278,438372	340,125899	439,596713	470,005291
2405	142,867478	160,266139	226,078301	278,626553	340,349621	439,87422	470,298202
2406	142,984938	160,390733	226,238722	278,814819	340,573441	440,151844	470,591235
2407	143,102462	160,515391	226,399219	279,00317	340,797359	440,429585	470,884389
2408	143,220051	160,640113	226,559792	279,191606	341,021375	440,707442	471,177665
2409	143,337704	160,764901	226,720441	279,380126	341,245489	440,985417	471,471063
2410	143,455421	160,889752	226,881165	279,568732	341,469702	441,263508	471,764583
2411	143,573203	161,014669	227,041966	279,757422	341,694013	441,541716	472,058224
2412	143,691049	161,13965	227,202842	279,946197	341,918422	441,820041	472,351988
2413	143,80896	161,264695	227,363795	280,135057	342,142929	442,098483	472,645873
2414	143,926935	161,389806	227,524823	280,324002	342,367534	442,377042	472,93988
2415	144,044975	161,514981	227,685928	280,513032	342,592238	442,655718	473,234009
2416	144,163079	161,640221	227,847108	280,702146	342,81704	442,934511	473,52826
2417	144,281248	161,765525	228,008365	280,891346	343,04194	443,213421	473,822632
2418	144,399482	161,890894	228,169697	281,080631	343,266939	443,492448	474,117127
2419	144,517779	162,016328	228,331106	281,270001	343,492036	443,771592	474,411744
2420	144,636142	162,141827	228,492591	281,459456	343,717231	444,050853	474,706483
2421	144,754569	162,267391	228,654152	281,648995	343,942525	444,330231	475,001344
2422	144,873061	162,393019	228,815789	281,83862	344,167918	444,609727	475,296326
2423	144,991617	162,518712	228,977502	282,02833	344,393408	444,889339	475,591431
2424	145,110239	162,64447	229,139291	282,218126	344,618997	445,169069	475,886659
2425	145,228924	162,770293	229,301157	282,408006	344,844685	445,448916	476,182008
2426	145,347675	162,896181	229,463099	282,597971	345,070471	445,728881	476,477479
2427	145,46649	163,022134	229,625117	282,788022	345,296356	446,008962	476,773073
2428	145,58537	163,148151	229,787211	282,978158	345,522339	446,289161	477,068789
2429	145,704315	163,274234	229,949382	283,168379	345,748421	446,569477	477,364627

2430	145,823324	163,400381	230,111628	283,358685	345,974602	446,849911	477,660588
2431	145,942398	163,526594	230,273952	283,549076	346,200881	447,130462	477,95667
2432	146,061537	163,652871	230,436351	283,739553	346,427258	447,41113	478,252875
2433	146,180741	163,779213	230,598827	283,930115	346,653735	447,691916	478,549203
2434	146,30001	163,905621	230,761379	284,120762	346,88031	447,972819	478,845653
2435	146,419343	164,032093	230,924008	284,311495	347,106983	448,25384	479,142225
2436	146,538742	164,158631	231,086712	284,502313	347,333756	448,534978	479,438919
2437	146,658205	164,285233	231,249494	284,693216	347,560627	448,816234	479,735736
2438	146,777733	164,411901	231,412351	284,884205	347,787597	449,097608	480,032676
2439	146,897326	164,538633	231,575286	285,075279	348,014666	449,379098	480,329738
2440	147,016985	164,665431	231,738296	285,266439	348,241834	449,660707	480,626923
2441	147,136708	164,792294	231,901383	285,457684	348,4691	449,942433	480,92423
2442	147,256496	164,919222	232,064547	285,649014	348,696465	450,224277	481,22166
2443	147,376349	165,046215	232,227787	285,84043	348,923929	450,506238	481,519212
2444	147,496267	165,173274	232,391104	286,031932	349,151493	450,788318	481,816887
2445	147,61625	165,300397	232,554497	286,223518	349,379154	451,070514	482,114684
2446	147,736298	165,427586	232,717967	286,415191	349,606915	451,352829	482,412605
2447	147,856411	165,55484	232,881513	286,606949	349,834775	451,635261	482,710648
2448	147,976589	165,682159	233,045136	286,798792	350,062734	451,917812	483,008814
2449	148,096833	165,809544	233,208836	286,990722	350,290792	452,20048	483,307102
2450	148,217141	165,936994	233,372612	287,182736	350,518949	452,483265	483,605513
2451	148,337515	166,064509	233,536465	287,374837	350,747205	452,766169	483,904047
2452	148,457954	166,192089	233,700395	287,567023	350,97556	453,049191	484,202704
2453	148,578458	166,319735	233,864401	287,759295	351,204014	453,33233	484,501484
2454	148,699027	166,447446	234,028484	287,951652	351,432567	453,615588	484,800387
2455	148,819661	166,575222	234,192643	288,144095	351,66122	453,898963	485,099412
2456	148,940361	166,703064	234,35688	288,336624	351,889971	454,182457	485,398561
2457	149,061126	166,830971	234,521193	288,529238	352,118822	454,466068	485,697832
2458	149,181956	166,958944	234,685583	288,721939	352,347772	454,749798	485,997227
2459	149,302851	167,086982	234,85005	288,914725	352,576821	455,033645	486,296744
2460	149,423812	167,215085	235,014594	289,107597	352,805969	455,317611	486,596385
2461	149,544838	167,343254	235,179214	289,300554	353,035217	455,601695	486,896148
2462	149,665929	167,471489	235,343912	289,493598	353,264564	455,885897	487,196035
2463	149,787086	167,599789	235,508686	289,686727	353,49401	456,170217	487,496045
2464	149,908308	167,728154	235,673537	289,879943	353,723556	456,454655	487,796178
2465	150,029595	167,856585	235,838465	290,073244	353,953201	456,739211	488,096434
2466	150,150948	167,985081	236,00347	290,266631	354,182945	457,023886	488,396813
2467	150,272367	168,113643	236,168552	290,460104	354,412789	457,308679	488,697315
2468	150,39385	168,242271	236,333711	290,653663	354,642732	457,59359	488,997941
2469	150,515399	168,370964	236,498946	290,847308	354,872774	457,87862	489,29869
2470	150,637014	168,499723	236,664259	291,041039	355,102916	458,163768	489,599562
2471	150,758694	168,628548	236,829649	291,234856	355,333158	458,449034	489,900558
2472	150,88044	168,757438	236,995116	291,428759	355,563499	458,734419	490,201677
2473	151,002251	168,886393	237,16066	291,622748	355,793939	459,019922	490,502919
2474	151,124128	169,015415	237,326281	291,816823	356,024479	459,305543	490,804285
2475	151,24607	169,144502	237,491979	292,010984	356,255119	459,591283	491,105774

2476	151,368078	169,273655	237,657754	292,205231	356,485858	459,877142	491,407386
2477	151,490151	169,402873	237,823607	292,399565	356,716697	460,163119	491,709122
2478	151,61229	169,532158	237,989536	292,593984	356,947635	460,449214	492,010982
2479	151,734495	169,661508	238,155543	292,78849	357,178673	460,735428	492,312965
2480	151,856765	169,790924	238,321626	292,983082	357,409811	461,021761	492,615071
2481	151,979101	169,920405	238,487788	293,17776	357,641049	461,308212	492,917301
2482	152,101503	170,049953	238,654026	293,372524	357,872386	461,594782	493,219655
2483	152,22397	170,179566	238,820341	293,567375	358,103823	461,881471	493,522132
2484	152,346504	170,309245	238,986734	293,762312	358,335359	462,168278	493,824733
2485	152,469102	170,43899	239,153204	293,957335	358,566996	462,455204	494,127458
2486	152,591767	170,568801	239,319751	294,152444	358,798732	462,742248	494,430306
2487	152,714497	170,698678	239,486376	294,34764	359,030568	463,029412	494,733278
2488	152,837294	170,82862	239,653078	294,542922	359,262504	463,316694	495,036374
2489	152,960156	170,958629	239,819857	294,73829	359,49454	463,604095	495,339593
2490	153,083083	171,088704	239,986714	294,933745	359,726676	463,891615	495,642937
2491	153,206077	171,218844	240,153648	295,129286	359,958911	464,179253	495,946404
2492	153,329136	171,349051	240,320659	295,324914	360,191247	464,467011	496,249995
2493	153,452262	171,479323	240,487748	295,520628	360,423682	464,754887	496,553709
2494	153,575453	171,609661	240,654914	295,716428	360,656218	465,042883	496,857548
2495	153,69871	171,740066	240,822158	295,912315	360,888853	465,330997	497,161511
2496	153,822033	171,870537	240,989479	296,108289	361,121588	465,61923	497,465597
2497	153,945423	172,001073	241,156877	296,304348	361,354424	465,907583	497,769808
2498	154,068878	172,131676	241,324353	296,500495	361,587359	466,196054	498,074143
2499	154,192399	172,262345	241,491907	296,696728	361,820395	466,484644	498,378601
2500	154,315986	172,39308	241,659538	296,893047	362,053531	466,773354	498,683184
2501	154,439639	172,523881	241,827247	297,089453	362,286767	467,062182	498,987891
2502	154,563358	172,654748	241,995033	297,285946	362,520103	467,35113	499,292721
2503	154,687143	172,785681	242,162897	297,482525	362,753539	467,640197	499,597676
2504	154,810994	172,916681	242,330839	297,679191	362,987075	467,929383	499,902755
2505	154,934911	173,047747	242,498858	297,875944	363,220712	468,218688	500,207959
2506	155,058895	173,178878	242,666955	298,072783	363,454449	468,508112	500,513286
2507	155,182944	173,310077	242,835129	298,269709	363,688286	468,797656	500,818738
2508	155,30706	173,441341	243,003381	298,466722	363,922223	469,087319	501,124314
2509	155,431242	173,572672	243,171711	298,663822	364,156261	469,377101	501,430014
2510	155,55549	173,704069	243,340118	298,861008	364,390399	469,667002	501,735838
2511	155,679804	173,835532	243,508604	299,058281	364,624637	469,957023	502,041787
2512	155,804185	173,967061	243,677167	299,25564	364,858975	470,247164	502,34786
2513	155,928631	174,098657	243,845808	299,453087	365,093414	470,537423	502,654058
2514	156,053144	174,23032	244,014526	299,65062	365,327954	470,827802	502,96038
2515	156,177723	174,362048	244,183323	299,848241	365,562594	471,118301	503,266826
2516	156,302369	174,493843	244,352197	300,045948	365,797334	471,408919	503,573397
2517	156,427081	174,625705	244,521149	300,243742	366,032175	471,699656	503,880092
2518	156,551859	174,757632	244,690179	300,441623	366,267116	471,990513	504,186912
2519	156,676703	174,889627	244,859287	300,639591	366,502158	472,281489	504,493856
2520	156,801614	175,021687	245,028472	300,837645	366,7373	472,572586	504,800925
2521	156,926591	175,153814	245,197736	301,035787	366,972543	472,863801	505,108118

2522	157,051635	175,286008	245,367077	301,234016	367,207886	473,155136	505,415437
2523	157,176745	175,418268	245,536497	301,432332	367,443331	473,446591	505,722879
2524	157,301921	175,550595	245,705994	301,630734	367,678875	473,738166	506,030446
2525	157,427164	175,682988	245,87557	301,829224	367,91452	474,02986	506,338138
2526	157,552473	175,815448	246,045223	302,027801	368,150266	474,321674	506,645955
2527	157,677849	175,947974	246,214955	302,226465	368,386113	474,613608	506,953897
2528	157,803291	176,080567	246,384764	302,425216	368,62206	474,905661	507,261963
2529	157,9288	176,213226	246,554652	302,624054	368,858108	475,197834	507,570154
2530	158,054375	176,345952	246,724618	302,822979	369,094257	475,490128	507,87847
2531	158,180017	176,478745	246,894661	303,021992	369,330507	475,78254	508,18691
2532	158,305726	176,611604	247,064783	303,221092	369,566857	476,075073	508,495476
2533	158,431501	176,74453	247,234983	303,420278	369,803308	476,367726	508,804166
2534	158,557342	176,877523	247,405261	303,619552	370,03986	476,660498	509,112981
2535	158,68325	177,010582	247,575618	303,818914	370,276513	476,953391	509,421921
2536	158,809225	177,143708	247,746052	304,018362	370,513267	477,246403	509,730986
2537	158,935267	177,276901	247,916565	304,217898	370,750122	477,539536	510,040176
2538	159,061375	177,410161	248,087156	304,417521	370,987077	477,832788	510,349492
2539	159,18755	177,543487	248,257825	304,617231	371,224134	478,12616	510,658932
2540	159,313791	177,67688	248,428572	304,817029	371,461291	478,419653	510,968497
2541	159,4401	177,81034	248,599398	305,016914	371,69855	478,713266	511,278187
2542	159,566475	177,943867	248,770302	305,216886	371,935909	479,006998	511,588003
2543	159,692917	178,077461	248,941284	305,416946	372,17337	479,300851	511,897943
2544	159,819425	178,211121	249,112345	305,617093	372,410931	479,594824	512,208009
2545	159,946001	178,344848	249,283484	305,817328	372,648594	479,888917	512,5182
2546	160,072643	178,478642	249,454701	306,01765	372,886358	480,183131	512,828516
2547	160,199352	178,612503	249,625997	306,21806	373,124222	480,477464	513,138957
2548	160,326128	178,746431	249,797371	306,418557	373,362188	480,771918	513,449523
2549	160,45297	178,880426	249,968823	306,619141	373,600255	481,066492	513,760215
2550	160,57988	179,014488	250,140354	306,819813	373,838424	481,361186	514,071032
2551	160,706857	179,148617	250,311964	307,020573	374,076693	481,656001	514,381975
2552	160,8339	179,282813	250,483652	307,22142	374,315064	481,950936	514,693043
2553	160,96101	179,417076	250,655418	307,422354	374,553536	482,245992	515,004236
2554	161,088188	179,551405	250,827263	307,623377	374,792109	482,541168	515,315555
2555	161,215432	179,685802	250,999186	307,824486	375,030784	482,836464	515,626999
2556	161,342743	179,820266	251,171188	308,025684	375,269559	483,131881	515,938568
2557	161,470122	179,954797	251,343269	308,226969	375,508437	483,427418	516,250263
2558	161,597567	180,089395	251,515428	308,428342	375,747415	483,723076	516,562084
2559	161,725079	180,22406	251,687665	308,629802	375,986495	484,018854	516,87403
2560	161,852659	180,358792	251,859982	308,831351	376,225676	484,314753	517,186101
2561	161,980305	180,493592	252,032377	309,032987	376,464959	484,610772	517,498299
2562	162,108019	180,628458	252,20485	309,23471	376,704343	484,906912	517,810622
2563	162,2358	180,763392	252,377402	309,436522	376,943828	485,203172	518,12307
2564	162,363648	180,898393	252,550033	309,638421	377,183415	485,499554	518,435644
2565	162,491563	181,033461	252,722743	309,840408	377,423104	485,796055	518,748344
2566	162,619545	181,168596	252,895531	310,042483	377,662894	486,092678	519,061169
2567	162,747594	181,303799	253,068398	310,244646	377,902786	486,389421	519,374121

2568	162,875711	181,439069	253,241344	310,446896	378,142779	486,686285	519,687198
2569	163,003894	181,574406	253,414369	310,649235	378,382874	486,98327	520,000401
2570	163,132145	181,70981	253,587472	310,851661	378,62307	487,280376	520,313729
2571	163,260464	181,845282	253,760654	311,054175	378,863368	487,577602	520,627184
2572	163,388849	181,980821	253,933915	311,256778	379,103768	487,874949	520,940764
2573	163,517302	182,116427	254,107255	311,459468	379,344269	488,172417	521,25447
2574	163,645822	182,2521	254,280674	311,662246	379,584872	488,470006	521,568302
2575	163,77441	182,387841	254,454172	311,865112	379,825577	488,767716	521,88226
2576	163,903064	182,52365	254,627748	312,068066	380,066383	489,065547	522,196345
2577	164,031787	182,659526	254,801404	312,271108	380,307291	489,363499	522,510555
2578	164,160576	182,795469	254,975138	312,474239	380,548301	489,661572	522,824891
2579	164,289433	182,931479	255,148952	312,677457	380,789413	489,959766	523,139353
2580	164,418357	183,067557	255,322844	312,880763	381,030627	490,258081	523,453941
2581	164,547349	183,203703	255,496815	313,084158	381,271942	490,556517	523,768655
2582	164,676408	183,339916	255,670866	313,28764	381,513359	490,855074	524,083496
2583	164,805535	183,476197	255,844995	313,491211	381,754879	491,153752	524,398462
2584	164,934729	183,612545	256,019203	313,69487	381,9965	491,452551	524,713555
2585	165,063991	183,74896	256,193491	313,898617	382,238223	491,751471	525,028774
2586	165,19332	183,885443	256,367857	314,102453	382,480048	492,050513	525,344119
2587	165,322717	184,021994	256,542303	314,306376	382,721975	492,349676	525,65959
2588	165,452181	184,158612	256,716828	314,510388	382,964004	492,64896	525,975188
2589	165,581713	184,295298	256,891432	314,714488	383,206135	492,948365	526,290912
2590	165,711312	184,432052	257,066115	314,918676	383,448368	493,247892	526,606762
2591	165,840979	184,568873	257,240877	315,122953	383,690703	493,54754	526,922738
2592	165,970714	184,705761	257,415718	315,327318	383,93314	493,847309	527,238841
2593	166,100516	184,842718	257,590639	315,531771	384,175679	494,147199	527,555071
2594	166,230386	184,979742	257,765639	315,736313	384,418321	494,447211	527,871427
2595	166,360324	185,116834	257,940718	315,940943	384,661064	494,747345	528,187909
2596	166,490329	185,253993	258,115876	316,145661	384,90391	495,0476	528,504517
2597	166,620402	185,391221	258,291114	316,350468	385,146858	495,347976	528,821253
2598	166,750543	185,528516	258,466431	316,555364	385,389908	495,648474	529,138114
2599	166,880752	185,665879	258,641827	316,760347	385,63306	495,949093	529,455103
2600	167,011028	185,803309	258,817303	316,96542	385,876315	496,249834	529,772217
2601	167,141372	185,940807	258,992857	317,17058	386,119672	496,550696	530,089459
2602	167,271784	186,078374	259,168492	317,375829	386,363131	496,85168	530,406827
2603	167,402264	186,216008	259,344205	317,581167	386,606692	497,152785	530,724322
2604	167,532811	186,35371	259,519998	317,786593	386,850356	497,454013	531,041943
2605	167,663427	186,491479	259,695871	317,992108	387,094122	497,755361	531,359691
2606	167,79411	186,629317	259,871823	318,197712	387,337991	498,056832	531,677566
2607	167,924861	186,767223	260,047854	318,403404	387,581962	498,358424	531,995567
2608	168,05568	186,905196	260,223965	318,609184	387,826035	498,660138	532,313696
2609	168,186567	187,043237	260,400155	318,815054	388,070211	498,961974	532,631951
2610	168,317522	187,181347	260,576425	319,021012	388,314489	499,263931	532,950333
2611	168,448545	187,319524	260,752775	319,227058	388,55887	499,56601	533,268841
2612	168,579636	187,457769	260,929204	319,433194	388,803353	499,868211	533,587477
2613	168,710795	187,596083	261,105712	319,639418	389,047939	500,170534	533,90624

2614	168,842021	187,734464	261,2823	319,845731	389,292627	500,472979	534,225129
2615	168,973316	187,872913	261,458968	320,052132	389,537418	500,775546	534,544146
2616	169,104679	188,011431	261,635715	320,258623	389,782312	501,078234	534,863289
2617	169,23611	188,150016	261,812542	320,465202	390,027308	501,381045	535,182559
2618	169,367609	188,28867	261,989449	320,67187	390,272407	501,683977	535,501957
2619	169,499177	188,427391	262,166435	320,878626	390,517608	501,987032	535,821481
2620	169,630812	188,566181	262,343501	321,085472	390,762912	502,290208	536,141133
2621	169,762515	188,705039	262,520647	321,292407	391,008319	502,593507	536,460912
2622	169,894287	188,843965	262,697872	321,49943	391,253829	502,896928	536,780817
2623	170,026127	188,982959	262,875177	321,706542	391,499441	503,20047	537,10085
2624	170,158035	189,122022	263,052562	321,913744	391,745156	503,504135	537,42101
2625	170,290011	189,261152	263,230027	322,121034	391,990974	503,807922	537,741298
2626	170,422055	189,400351	263,407571	322,328413	392,236895	504,111831	538,061712
2627	170,554168	189,539618	263,585196	322,535881	392,482918	504,415863	538,382254
2628	170,686349	189,678954	263,7629	322,743438	392,729045	504,720016	538,702923
2629	170,818598	189,818357	263,940684	322,951084	392,975274	505,024292	539,02372
2630	170,950915	189,957829	264,118548	323,15882	393,221606	505,32869	539,344643
2631	171,083301	190,097369	264,296491	323,366644	393,468041	505,633211	539,665695
2632	171,215755	190,236978	264,474515	323,574557	393,714579	505,937853	539,986873
2633	171,348278	190,376655	264,652618	323,78256	393,96122	506,242618	540,308179
2634	171,480868	190,5164	264,830802	323,990651	394,207964	506,547506	540,629612
2635	171,613528	190,656213	265,009065	324,198832	394,454811	506,852515	540,951173
2636	171,746255	190,796095	265,187409	324,407102	394,701761	507,157648	541,272861
2637	171,879051	190,936046	265,365832	324,615461	394,948814	507,462902	541,594677
2638	172,011916	191,076065	265,544336	324,823909	395,19597	507,768279	541,91662
2639	172,144849	191,216152	265,722919	325,032447	395,443229	508,073779	542,238691
2640	172,27785	191,356307	265,901583	325,241074	395,690592	508,379401	542,56089
2641	172,41092	191,496532	266,080326	325,44979	395,938057	508,685146	542,883216
2642	172,544058	191,636824	266,25915	325,658595	396,185626	508,991013	543,205669
2643	172,677265	191,777185	266,438054	325,867489	396,433298	509,297003	543,528251
2644	172,81054	191,917615	266,617038	326,076473	396,681072	509,603115	543,85096
2645	172,943884	192,058113	266,796102	326,285546	396,928951	509,90935	544,173796
2646	173,077297	192,19868	266,975246	326,494709	397,176932	510,215708	544,496761
2647	173,210778	192,339315	267,15447	326,703961	397,425017	510,522188	544,819853
2648	173,344328	192,480019	267,333775	326,913302	397,673205	510,828791	545,143073
2649	173,477946	192,620792	267,51316	327,122733	397,921496	511,135517	545,466421
2650	173,611633	192,761633	267,692625	327,332253	398,169891	511,442365	545,789897
2651	173,745389	192,902542	267,87217	327,541862	398,418389	511,749337	546,1135
2652	173,879213	193,043521	268,051796	327,751562	398,66699	512,056431	546,437232
2653	174,013107	193,184568	268,231501	327,96135	398,915695	512,363648	546,761091
2654	174,147068	193,325684	268,411288	328,171228	399,164503	512,670988	547,085078
2655	174,281099	193,466868	268,591154	328,381196	399,413414	512,97845	547,409193
2656	174,415198	193,608121	268,771101	328,591253	399,662429	513,286036	547,733437
2657	174,549366	193,749443	268,951128	328,801399	399,911548	513,593745	548,057808
2658	174,683603	193,890834	269,131235	329,011636	400,16077	513,901576	548,382307
2659	174,817909	194,032293	269,311423	329,221961	400,410095	514,209531	548,706934

2660	174,952283	194,173822	269,491692	329,432377	400,659525	514,517608	549,03169
2661	175,086727	194,315419	269,67204	329,642882	400,909057	514,825809	549,356573
2662	175,221239	194,457084	269,852469	329,853477	401,158693	515,134132	549,681585
2663	175,35582	194,598819	270,032979	330,064161	401,408433	515,442579	550,006725
2664	175,49047	194,740623	270,213569	330,274935	401,658277	515,751149	550,331993
2665	175,625189	194,882495	270,39424	330,485799	401,908224	516,059841	550,657389
2666	175,759976	195,024436	270,574991	330,696752	402,158275	516,368657	550,982913
2667	175,894833	195,166447	270,755822	330,907796	402,408429	516,677597	551,308566
2668	176,029759	195,308526	270,936735	331,118929	402,658687	516,986659	551,634347
2669	176,164754	195,450674	271,117727	331,330152	402,909049	517,295845	551,960257
2670	176,299817	195,592891	271,298801	331,541464	403,159515	517,605153	552,286294
2671	176,43495	195,735177	271,479955	331,752867	403,410084	517,914586	552,61246
2672	176,570152	195,877532	271,661189	331,964359	403,660757	518,224141	552,938755
2673	176,705422	196,019956	271,842505	332,175941	403,911535	518,53382	553,265178
2674	176,840762	196,162449	272,0239	332,387613	404,162415	518,843622	553,591729
2675	176,976171	196,305011	272,205377	332,599375	404,4134	519,153547	553,918409
2676	177,111649	196,447642	272,386934	332,811227	404,664489	519,463596	554,245217
2677	177,247196	196,590342	272,568572	333,023169	404,915681	519,773769	554,572154
2678	177,382813	196,733112	272,750291	333,235201	405,166978	520,084064	554,899219
2679	177,518498	196,87595	272,93209	333,447323	405,418378	520,394483	555,226413
2680	177,654253	197,018857	273,113971	333,659534	405,669883	520,705026	555,553735
2681	177,790077	197,161834	273,295932	333,871836	405,921491	521,015692	555,881186
2682	177,92597	197,30488	273,477973	334,084228	406,173204	521,326482	556,208766
2683	178,061932	197,447995	273,660096	334,29671	406,42502	521,637395	556,536475
2684	178,197964	197,591179	273,842299	334,509282	406,676941	521,948432	556,864312
2685	178,334064	197,734432	274,024584	334,721944	406,928965	522,259593	557,192277
2686	178,470234	197,877755	274,206949	334,934696	407,181094	522,570877	557,520372
2687	178,606474	198,021147	274,389395	335,147538	407,433327	522,882285	557,848595
2688	178,742782	198,164608	274,571922	335,360471	407,685664	523,193816	558,176948
2689	178,87916	198,308138	274,75453	335,573494	407,938105	523,505472	558,505428
2690	179,015608	198,451738	274,937219	335,786606	408,19065	523,817251	558,834038
2691	179,152125	198,595407	275,119989	335,999809	408,4433	524,129153	559,162777
2692	179,288711	198,739145	275,302839	336,213103	408,696054	524,44118	559,491645
2693	179,425366	198,882953	275,485771	336,426486	408,948912	524,75333	559,820641
2694	179,562091	199,02683	275,668784	336,63996	409,201874	525,065605	560,149766
2695	179,698886	199,170776	275,851878	336,853524	409,45494	525,378003	560,479021
2696	179,835749	199,314792	276,035053	337,067178	409,708111	525,690525	560,808404
2697	179,972683	199,458877	276,218309	337,280923	409,961387	526,00317	561,137917
2698	180,109686	199,603031	276,401646	337,494758	410,214766	526,31594	561,467558
2699	180,246758	199,747255	276,585064	337,708683	410,46825	526,628834	561,797329
2700	180,3839	199,891549	276,768563	337,922699	410,721839	526,941852	562,127228
2701	180,521111	200,035912	276,952144	338,136805	410,975531	527,254993	562,457257
2702	180,658392	200,180344	277,135805	338,351002	411,229329	527,568259	562,787415
2703	180,795743	200,324846	277,319548	338,565289	411,48323	527,881649	563,117702
2704	180,933163	200,469418	277,503372	338,779666	411,737237	528,195163	563,448119
2705	181,070653	200,614058	277,687277	338,994134	411,991347	528,508801	563,778664

2706	181,208212	200,758769	277,871264	339,208693	412,245563	528,822563	564,109339
2707	181,345841	200,903549	278,055332	339,423342	412,499882	529,136449	564,440143
2708	181,48354	201,048399	278,239481	339,638081	412,754307	529,45046	564,771076
2709	181,621308	201,193318	278,423711	339,852911	413,008836	529,764595	565,102139
2710	181,759146	201,338307	278,608022	340,067832	413,263469	530,078854	565,433331
2711	181,897054	201,483366	278,792415	340,282843	413,518207	530,393237	565,764652
2712	182,035032	201,628494	278,976889	340,497945	413,77305	530,707744	566,096103
2713	182,173079	201,773692	279,161445	340,713137	414,027998	531,022376	566,427683
2714	182,311196	201,918959	279,346082	340,92842	414,28305	531,337132	566,759393
2715	182,449383	202,064297	279,5308	341,143794	414,538207	531,652013	567,091232
2716	182,58764	202,209704	279,7156	341,359259	414,793469	531,967017	567,423201
2717	182,725966	202,35518	279,900481	341,574814	415,048835	532,282147	567,755299
2718	182,864363	202,500727	280,085444	341,79046	415,304307	532,5974	568,087527
2719	183,002829	202,646343	280,270488	342,006196	415,559883	532,912779	568,419884
2720	183,141365	202,792029	280,455614	342,222024	415,815564	533,228281	568,752371
2721	183,279971	202,937785	280,640821	342,437942	416,07135	533,543908	569,084988
2722	183,418647	203,083611	280,826109	342,653951	416,32724	533,85966	569,417734
2723	183,557393	203,229507	281,011479	342,870051	416,583236	534,175536	569,75061
2724	183,696209	203,375472	281,196931	343,086241	416,839336	534,491537	570,083616
2725	183,835094	203,521507	281,382464	343,302523	417,095542	534,807662	570,416751
2726	183,97405	203,667612	281,568079	343,518895	417,351852	535,123912	570,750016
2727	184,113076	203,813788	281,753776	343,735358	417,608267	535,440287	571,083411
2728	184,252172	203,960033	281,939554	343,951913	417,864788	535,756786	571,416936
2729	184,391338	204,106348	282,125414	344,168558	418,121413	536,07341	571,75059
2730	184,530573	204,252732	282,311355	344,385294	418,378144	536,390159	572,084374
2731	184,669879	204,399187	282,497378	344,602121	418,634979	536,707032	572,418289
2732	184,809256	204,545712	282,683483	344,819039	418,89192	537,02403	572,752333
2733	184,948702	204,692307	282,869669	345,036048	419,148965	537,341153	573,086507
2734	185,088218	204,838972	283,055938	345,253148	419,406116	537,658401	573,420811
2735	185,227804	204,985707	283,242288	345,470339	419,663372	537,975774	573,755245
2736	185,367461	205,132512	283,428719	345,687621	419,920733	538,293271	574,089809
2737	185,507188	205,279387	283,615233	345,904994	420,1782	538,610894	574,424503
2738	185,646985	205,426332	283,801828	346,122459	420,435771	538,928641	574,759327
2739	185,786852	205,573348	283,988506	346,340014	420,693448	539,246514	575,094282
2740	185,92679	205,720433	284,175265	346,557661	420,95123	539,564511	575,429366
2741	186,066797	205,867589	284,362106	346,775399	421,209118	539,882633	575,76458
2742	186,206875	206,014814	284,549028	346,993228	421,46711	540,20088	576,099925
2743	186,347023	206,16211	284,736033	347,211148	421,725208	540,519253	576,4354
2744	186,487242	206,309476	284,92312	347,429159	421,983412	540,83775	576,771005
2745	186,627531	206,456913	285,110288	347,647262	422,24172	541,156373	577,10674
2746	186,76789	206,604419	285,297539	347,865456	422,500135	541,47512	577,442606
2747	186,90832	206,751996	285,484871	348,083741	422,758654	541,793993	577,778601
2748	187,04882	206,899643	285,672285	348,302117	423,017279	542,112991	578,114728
2749	187,18939	207,04736	285,859782	348,520585	423,276009	542,432114	578,450984
2750	187,330031	207,195148	286,04736	348,739144	423,534845	542,751362	578,787371
2751	187,470742	207,343006	286,235021	348,957795	423,793787	543,070736	579,123888

2752	187,611523	207,490934	286,422763	349,176537	424,052834	543,390235	579,460536
2753	187,752376	207,638932	286,610588	349,39537	424,311986	543,709859	579,797314
2754	187,893298	207,787001	286,798495	349,614295	424,571244	544,029608	580,134222
2755	188,034291	207,935141	286,986484	349,833311	424,830608	544,349483	580,471261
2756	188,175355	208,08335	287,174554	350,052418	425,090077	544,669483	580,808431
2757	188,316489	208,23163	287,362708	350,271617	425,349652	544,989609	581,145731
2758	188,457693	208,379981	287,550943	350,490908	425,609332	545,309859	581,483161
2759	188,598969	208,528402	287,73926	350,71029	425,869118	545,630236	581,820723
2760	188,740315	208,676893	287,92766	350,929763	426,12901	545,950738	582,158414
2761	188,881731	208,825455	288,116142	351,149328	426,389008	546,271365	582,496237
2762	189,023218	208,974088	288,304706	351,368985	426,649111	546,592118	582,83419
2763	189,164776	209,122791	288,493352	351,588733	426,90932	546,912996	583,172274
2764	189,306404	209,271564	288,682081	351,808573	427,169635	547,234	583,510488
2765	189,448103	209,420408	288,870892	352,028504	427,430056	547,555129	583,848834
2766	189,589873	209,569323	289,059785	352,248527	427,690582	547,876384	584,18731
2767	189,731713	209,718308	289,248761	352,468642	427,951214	548,197765	584,525917
2768	189,873624	209,867363	289,437819	352,688849	428,211952	548,519271	584,864654
2769	190,015606	210,01649	289,626959	352,909147	428,472796	548,840903	585,203523
2770	190,157659	210,165687	289,816182	353,129537	428,733746	549,162661	585,542522
2771	190,299782	210,314954	290,005487	353,350018	428,994802	549,484545	585,881652
2772	190,441976	210,464292	290,194874	353,570591	429,255964	549,806554	586,220914
2773	190,584241	210,613701	290,384344	353,791256	429,517232	550,128689	586,560306
2774	190,726577	210,763181	290,573896	354,012013	429,778606	550,45095	586,899829
2775	190,868984	210,912731	290,763531	354,232862	430,040086	550,773336	587,239483
2776	191,011462	211,062352	290,953249	354,453803	430,301671	551,095849	587,579268
2777	191,15401	211,212044	291,143048	354,674835	430,563363	551,418487	587,919184
2778	191,296629	211,361807	291,332931	354,895959	430,825161	551,741251	588,259231
2779	191,43932	211,51164	291,522896	355,117175	431,087065	552,064142	588,59941
2780	191,582081	211,661544	291,712943	355,338483	431,349075	552,387158	588,939719
2781	191,724913	211,811519	291,903073	355,559883	431,611192	552,7103	589,28016
2782	191,867816	211,961565	292,093286	355,781375	431,873414	553,033568	589,620731
2783	192,01079	212,111682	292,283581	356,002959	432,135743	553,356962	589,961434
2784	192,153836	212,261869	292,473959	356,224635	432,398178	553,680482	590,302269
2785	192,296952	212,412127	292,66442	356,446403	432,660719	554,004128	590,643234
2786	192,440139	212,562457	292,854963	356,668263	432,923366	554,327901	590,984331
2787	192,583397	212,712857	293,045589	356,890215	433,18612	554,651799	591,325559
2788	192,726727	212,863328	293,236297	357,112259	433,44898	554,975824	591,666918
2789	192,870127	213,01387	293,427088	357,334395	433,711946	555,299975	592,008409
2790	193,013599	213,164483	293,617963	357,556623	433,975019	555,624252	592,350031
2791	193,157142	213,315167	293,808919	357,778943	434,238198	555,948655	592,691784
2792	193,300755	213,465922	293,999959	358,001356	434,501483	556,273184	593,033669
2793	193,44444	213,616748	294,191081	358,22386	434,764875	556,59784	593,375685
2794	193,588197	213,767645	294,382286	358,446457	435,028373	556,922622	593,717833
2795	193,732024	213,918613	294,573575	358,669146	435,291978	557,24753	594,060112
2796	193,875923	214,069652	294,764945	358,891927	435,555689	557,572565	594,402523
2797	194,019893	214,220762	294,956399	359,114801	435,819506	557,897726	594,745065

2798	194,163934	214,371943	295,147936	359,337766	436,08343	558,223013	595,087739
2799	194,308046	214,523196	295,339555	359,560824	436,347461	558,548427	595,430545
2800	194,45223	214,674519	295,531258	359,783974	436,611598	558,873968	595,773482
2801	194,596485	214,825914	295,723043	360,007217	436,875842	559,199634	596,116551
2802	194,740811	214,97738	295,914911	360,230552	437,140192	559,525428	596,459751
2803	194,885209	215,128917	296,106863	360,453979	437,404649	559,851347	596,803083
2804	195,029678	215,280525	296,298897	360,677498	437,669212	560,177394	597,146547
2805	195,174218	215,432205	296,491014	360,90111	437,933883	560,503566	597,490143
2806	195,31883	215,583955	296,683215	361,124815	438,19866	560,829866	597,83387
2807	195,463513	215,735777	296,875498	361,348612	438,463543	561,156292	598,17773
2808	195,608268	215,88767	297,067864	361,572501	438,728534	561,482845	598,521721
2809	195,753094	216,039635	297,260314	361,796482	438,993631	561,809524	598,865844
2810	195,897992	216,19167	297,452847	362,020557	439,258834	562,13633	599,210098
2811	196,042961	216,343777	297,645462	362,244723	439,524145	562,463263	599,554485
2812	196,188001	216,495956	297,838161	362,468982	439,789562	562,790322	599,899004
2813	196,333114	216,648206	298,030943	362,693334	440,055087	563,117509	600,243654
2814	196,478297	216,800527	298,223808	362,917778	440,320718	563,444822	600,588437
2815	196,623552	216,952919	298,416757	363,142315	440,586456	563,772261	600,933351
2816	196,768879	217,105383	298,609788	363,366945	440,852301	564,099828	601,278398
2817	196,914278	217,257918	298,802903	363,591667	441,118253	564,427522	601,623577
2818	197,059747	217,410525	298,996101	363,816481	441,384311	564,755342	601,968887
2819	197,205289	217,563203	299,189382	364,041389	441,650477	565,083289	602,31433
2820	197,350902	217,715953	299,382747	364,266389	441,91675	565,411364	602,659905
2821	197,496587	217,868774	299,576195	364,491481	442,183129	565,739565	603,005612
2822	197,642344	218,021666	299,769726	364,716667	442,449616	566,067893	603,351451
2823	197,788172	218,17463	299,963341	364,941945	442,71621	566,396348	603,697423
2824	197,934072	218,327666	300,157038	365,167316	442,982911	566,724931	604,043527
2825	198,080044	218,480773	300,35082	365,392779	443,249719	567,05364	604,389763
2826	198,226087	218,633952	300,544684	365,618336	443,516634	567,382476	604,736131
2827	198,372202	218,787202	300,738632	365,843985	443,783656	567,711144	605,082632
2828	198,518389	218,940524	300,932664	366,069727	444,050785	568,04053	605,429264
2829	198,664648	219,093918	301,126779	366,295562	444,318022	568,369748	605,77603
2830	198,810979	219,247383	301,320977	366,52149	444,585365	568,699093	606,122927
2831	198,957381	219,40092	301,515259	366,74751	444,852816	569,028565	606,469957
2832	199,103856	219,554528	301,709624	366,973624	445,120374	569,358165	606,81712
2833	199,250402	219,708208	301,904073	367,19983	445,38804	569,687891	607,164415
2834	199,39702	219,86196	302,098605	367,42613	445,655812	570,017745	607,511842
2835	199,54371	220,015784	302,293221	367,652522	445,923692	570,347726	607,859402
2836	199,690472	220,169679	302,487921	367,879007	446,19168	570,677835	608,207095
2837	199,837306	220,323646	302,682704	368,105586	446,459774	571,008071	608,55492
2838	199,984212	220,477685	302,87757	368,332257	446,727976	571,338434	608,902877
2839	200,131189	220,631795	303,072521	368,559022	446,996286	571,668925	609,250968
2840	200,278239	220,785978	303,267555	368,785879	447,264703	571,999543	609,599191
2841	200,425361	220,940232	303,462672	369,012829	447,533227	572,330288	609,947546
2842	200,572555	221,094558	303,657873	369,239873	447,801859	572,661161	610,296034
2843	200,719821	221,248956	303,853158	369,46701	448,070598	572,992162	610,644655

2844	200,867159	221,403426	304,048527	369,69424	448,339445	573,32329	610,993409
2845	201,014569	221,557967	304,243979	369,921563	448,608399	573,654545	611,342295
2846	201,162051	221,712581	304,439515	370,148979	448,87746	573,985928	611,691315
2847	201,309605	221,867266	304,635135	370,376488	449,14663	574,317439	612,040467
2848	201,457232	222,022023	304,830839	370,604091	449,415907	574,649077	612,389752
2849	201,60493	222,176853	305,026626	370,831786	449,685291	574,980843	612,739169
2850	201,752701	222,331754	305,222498	371,059575	449,954783	575,312737	613,08872
2851	201,900544	222,486727	305,418453	371,287458	450,224383	575,644758	613,438403
2852	202,048459	222,641772	305,614492	371,515433	450,494091	575,976908	613,78822
2853	202,196446	222,79689	305,810614	371,743502	450,763906	576,309184	614,138169
2854	202,344506	222,952079	306,006821	371,971664	451,033829	576,641589	614,488252
2855	202,492638	223,10734	306,203112	372,19992	451,303859	576,974121	614,838467
2856	202,640842	223,262674	306,399486	372,428269	451,573997	577,306782	615,188816
2857	202,789118	223,418079	306,595945	372,656711	451,844244	577,63957	615,539297
2858	202,937467	223,573557	306,792487	372,885247	452,114597	577,972485	615,889912
2859	203,085888	223,729107	306,989114	373,113876	452,385059	578,305529	616,24066
2860	203,234382	223,884728	307,185824	373,342598	452,655629	578,638701	616,591541
2861	203,382948	224,040422	307,382618	373,571414	452,926306	578,972001	616,942555
2862	203,531586	224,196188	307,579497	373,800323	453,197092	579,305428	617,293702
2863	203,680296	224,352027	307,776459	374,029326	453,467985	579,638984	617,644982
2864	203,829079	224,507937	307,973506	374,258423	453,738986	579,972667	617,996396
2865	203,977935	224,66392	308,170637	374,487613	454,010095	580,306479	618,347943
2866	204,126863	224,819975	308,367851	374,716896	454,281312	580,640419	618,699623
2867	204,275863	224,976102	308,56515	374,946273	454,552637	580,974487	619,051437
2868	204,424936	225,132302	308,762533	375,175744	454,82407	581,308682	619,403384
2869	204,574081	225,288574	308,96	375,405308	455,095611	581,643006	619,755464
2870	204,723299	225,444918	309,157552	375,634966	455,367261	581,977459	620,107678
2871	204,87259	225,601334	309,355187	375,864718	455,639018	582,312039	620,460025
2872	205,021953	225,757823	309,552907	376,094563	455,910883	582,646748	620,812506
2873	205,171388	225,914384	309,750711	376,324502	456,182857	582,981585	621,16512
2874	205,320896	226,071017	309,948599	376,554534	456,454938	583,31655	621,517867
2875	205,470477	226,227723	310,146572	376,784661	456,727128	583,651643	621,870748
2876	205,620131	226,384501	310,344628	377,014881	456,999426	583,986865	622,223763
2877	205,769857	226,541352	310,542769	377,245194	457,271832	584,322215	622,576911
2878	205,919655	226,698275	310,740995	377,475602	457,544346	584,657693	622,930193
2879	206,069527	226,85527	310,939305	377,706103	457,816969	584,9933	623,283608
2880	206,219471	227,012338	311,137699	377,936699	458,0897	585,329035	623,637157
2881	206,369488	227,169479	311,336177	378,167388	458,362539	585,664899	623,99084
2882	206,519577	227,326692	311,53474	378,398171	458,635487	586,000891	624,344657
2883	206,66974	227,483977	311,733387	378,629047	458,908543	586,337011	624,698607
2884	206,819975	227,641335	311,932119	378,860018	459,181707	586,67326	625,052691
2885	206,970283	227,798766	312,130935	379,091083	459,454979	587,009638	625,406908
2886	207,120663	227,956269	312,329836	379,322241	459,72836	587,346144	625,76126
2887	207,271117	228,113845	312,528821	379,553493	460,00185	587,682778	626,115745
2888	207,421643	228,271493	312,72789	379,78484	460,275448	588,019542	626,470364
2889	207,572242	228,429214	312,927044	380,01628	460,549154	588,356434	626,825117

2890	207,722915	228,587007	313,126283	380,247815	460,822969	588,693454	627,180004
2891	207,87366	228,744874	313,325606	380,479443	461,096892	589,030603	627,535025
2892	208,024477	228,902813	313,525014	380,711166	461,370924	589,367881	627,89018
2893	208,175368	229,060824	313,724506	380,942982	461,645064	589,705288	628,245468
2894	208,326332	229,218908	313,924083	381,174893	461,919313	590,042824	628,600891
2895	208,477369	229,377065	314,123744	381,406898	462,193671	590,380488	628,956448
2896	208,628479	229,535295	314,323491	381,638996	462,468137	590,718281	629,312139
2897	208,779661	229,693597	314,523321	381,871189	462,742712	591,056203	629,667964
2898	208,930917	229,851973	314,723237	382,103477	463,017395	591,394253	630,023923
2899	209,082246	230,010421	314,923237	382,335858	463,292188	591,732433	630,380016
2900	209,233648	230,168941	315,123322	382,568333	463,567088	592,070741	630,736243
2901	209,385123	230,327535	315,323492	382,800903	463,842098	592,409179	631,092604
2902	209,536671	230,486202	315,523746	383,033567	464,117216	592,747745	631,4491
2903	209,688292	230,644941	315,724085	383,266325	464,392443	593,08644	631,80573
2904	209,839986	230,803753	315,924509	383,499178	464,667779	593,425264	632,162494
2905	209,991753	230,962638	316,125018	383,732125	464,943224	593,764218	632,519392
2906	210,143594	231,121596	316,325612	383,965166	465,218777	594,1033	632,876425
2907	210,295508	231,280627	316,52629	384,198301	465,49444	594,442511	633,233592
2908	210,447495	231,439731	316,727053	384,431531	465,770211	594,781852	633,590894
2909	210,599555	231,598908	316,927901	384,664855	466,046091	595,121322	633,948329
2910	210,751688	231,758157	317,128835	384,898274	466,32208	595,46092	634,3059
2911	210,903895	231,91748	317,329852	385,131787	466,598178	595,800648	634,663604
2912	211,056174	232,076876	317,530955	385,365394	466,874385	596,140505	635,021443
2913	211,208528	232,236344	317,732143	385,599096	467,150701	596,480492	635,379417
2914	211,360954	232,395886	317,933416	385,832892	467,427126	596,820607	635,737525
2915	211,513454	232,555501	318,134774	386,066783	467,70366	597,160852	636,095768
2916	211,666027	232,715189	318,336216	386,300768	467,980303	597,501226	636,454145
2917	211,818673	232,87495	318,537744	386,534848	468,257055	597,84173	636,812656
2918	211,971393	233,034784	318,739357	386,769023	468,533916	598,182362	637,171303
2919	212,124187	233,194691	318,941055	387,003291	468,810886	598,523125	637,530084
2920	212,277053	233,354671	319,142838	387,237655	469,087966	598,864016	637,888999
2921	212,429993	233,514725	319,344706	387,472113	469,365154	599,205037	638,24805
2922	212,583007	233,674852	319,546659	387,706666	469,642452	599,546187	638,607235
2923	212,736094	233,835051	319,748697	387,941313	469,919859	599,887467	638,966554
2924	212,889254	233,995324	319,950821	388,176055	470,197375	600,228877	639,326009
2925	213,042488	234,155671	320,153029	388,410892	470,475	600,570415	639,685598
2926	213,195795	234,31609	320,355323	388,645823	470,752735	600,912084	640,045322
2927	213,349176	234,476583	320,557702	388,880849	471,030579	601,253882	640,405181
2928	213,502631	234,637149	320,760166	389,11597	471,308532	601,595809	640,765175
2929	213,656159	234,797788	320,962716	389,351186	471,586595	601,937866	641,125304
2930	213,809761	234,958501	321,16535	389,586496	471,864767	602,280053	641,485567
2931	213,963436	235,119287	321,36807	389,821901	472,143048	602,62237	641,845966
2932	214,117185	235,280146	321,570875	390,057401	472,421439	602,964816	642,206499
2933	214,271007	235,441079	321,773766	390,292996	472,699939	603,307392	642,567168
2934	214,424904	235,602085	321,976742	390,528686	472,978548	603,650097	642,927971
2935	214,578873	235,763164	322,179803	390,76447	473,257267	603,992932	643,28891

2936	214,732917	235,924317	322,382949	391,000349	473,536095	604,335898	643,649983
2937	214,887034	236,085543	322,586181	391,236324	473,815033	604,678992	644,011192
2938	215,041225	236,246843	322,789499	391,472393	474,094081	605,022217	644,372536
2939	215,19549	236,408216	322,992901	391,708557	474,373238	605,365572	644,734015
2940	215,349828	236,569662	323,196389	391,944816	474,652504	605,709056	645,095629
2941	215,504241	236,731182	323,399963	392,18117	474,93188	606,052671	645,457378
2942	215,658727	236,892776	323,603622	392,417619	475,211366	606,396415	645,819262
2943	215,813286	237,054443	323,807367	392,654163	475,490961	606,740289	646,181282
2944	215,96792	237,216183	324,011197	392,890803	475,770666	607,084293	646,543437
2945	216,122628	237,377997	324,215112	393,127537	476,050481	607,428428	646,905727
2946	216,277409	237,539885	324,419113	393,364366	476,330405	607,772692	647,268153
2947	216,432264	237,701846	324,6232	393,60129	476,610439	608,117086	647,630714
2948	216,587193	237,863881	324,827372	393,83831	476,890583	608,461611	647,99341
2949	216,742197	238,02599	325,03163	394,075425	477,170837	608,806265	648,356242
2950	216,897274	238,188172	325,235973	394,312634	477,4512	609,15105	648,719209
2951	217,052425	238,350428	325,440403	394,549939	477,731673	609,495964	649,082312
2952	217,20765	238,512757	325,644917	394,787339	478,012256	609,841009	649,44555
2953	217,362948	238,67516	325,849518	395,024835	478,292949	610,186184	649,808923
2954	217,518321	238,837637	326,054204	395,262425	478,573752	610,53149	650,172432
2955	217,673768	239,000188	326,258975	395,500111	478,854664	610,876925	650,536077
2956	217,829289	239,162812	326,463833	395,737892	479,135686	611,222491	650,899857
2957	217,984884	239,32551	326,668776	395,975769	479,416819	611,568187	651,263772
2958	218,140554	239,488282	326,873805	396,21374	479,698061	611,914014	651,627824
2959	218,296297	239,651128	327,07892	396,451807	479,979413	612,259971	651,992011
2960	218,452114	239,814047	327,28412	396,68997	480,260876	612,606058	652,356333
2961	218,608006	239,97704	327,489407	396,928227	480,542448	612,952276	652,720792
2962	218,763971	240,140108	327,694779	397,16658	480,82413	613,298624	653,085386
2963	218,920011	240,303249	327,900237	397,405029	481,105923	613,645102	653,450115
2964	219,076125	240,466463	328,105781	397,643573	481,387825	613,991711	653,814981
2965	219,232313	240,629752	328,31141	397,882212	481,669838	614,338451	654,179982
2966	219,388576	240,793115	328,517126	398,120947	481,95196	614,68532	654,54512
2967	219,544912	240,956551	328,722927	398,359777	482,234193	615,032321	654,910393
2968	219,701323	241,120062	328,928815	398,598703	482,516536	615,379452	655,275801
2969	219,857808	241,283646	329,134788	398,837724	482,798989	615,726714	655,641346
2970	220,014368	241,447304	329,340848	399,076841	483,081552	616,074106	656,007027
2971	220,171002	241,611037	329,546993	399,316054	483,364226	616,421629	656,372844
2972	220,32771	241,774843	329,753224	399,555362	483,64701	616,769282	656,738796
2973	220,484492	241,938724	329,959542	399,794765	483,929904	617,117067	657,104885
2974	220,641349	242,102678	330,165945	400,034264	484,212908	617,464982	657,471109
2975	220,79828	242,266707	330,372435	400,273859	484,496023	617,813027	657,83747
2976	220,955285	242,430809	330,57901	400,51355	484,779248	618,161204	658,203967
2977	221,112365	242,594986	330,785672	400,753336	485,062584	618,509511	658,5706
2978	221,26952	242,759237	330,99242	400,993217	485,346029	618,857949	658,937369
2979	221,426749	242,923561	331,199254	401,233195	485,629585	619,206518	659,304274
2980	221,584052	243,08796	331,406174	401,473268	485,913252	619,555218	659,671315
2981	221,74143	243,252434	331,61318	401,713437	486,197029	619,904049	660,038493

2982	221,898882	243,416981	331,820272	401,953702	486,480917	620,25301	660,405806
2983	222,056409	243,581603	332,027451	402,194062	486,764915	620,602103	660,773256
2984	222,21401	243,746298	332,234716	402,434519	487,049023	620,951326	661,140843
2985	222,371686	243,911068	332,442067	402,675071	487,333242	621,300681	661,508565
2986	222,529436	244,075912	332,649504	402,915719	487,617572	621,650166	661,876424
2987	222,687261	244,240831	332,857028	403,156463	487,902012	621,999783	662,244419
2988	222,845161	244,405824	333,064638	403,397302	488,186563	622,34953	662,612551
2989	223,003135	244,570891	333,272334	403,638238	488,471224	622,699409	662,980819
2990	223,161184	244,736032	333,480116	403,87927	488,755996	623,049419	663,349223
2991	223,319308	244,901248	333,687985	404,120397	489,040878	623,39956	663,717764
2992	223,477506	245,066538	333,895941	404,36162	489,325872	623,749832	664,086441
2993	223,635779	245,231902	334,103982	404,60294	489,610976	624,100235	664,452555
2994	223,794127	245,397341	334,31211	404,844355	489,896191	624,450769	664,824206
2995	223,952549	245,562854	334,520325	405,085867	490,181516	624,801435	665,193292
2996	224,111046	245,728441	334,728625	405,327474	490,466952	625,152232	665,562516
2997	224,269618	245,894103	334,937013	405,569177	490,752499	625,50316	665,931876
2998	224,428265	246,05984	335,145487	405,810977	491,038157	625,85422	666,301373
2999	224,586986	246,22565	335,354047	406,052873	491,323926	626,20541	666,671006
3000	224,745782	246,391536	335,562694	406,294864	491,609805	626,556733	667,040776
3001	224,904653	246,557495	335,771427	406,536952	491,895796	626,908186	667,410683
3002	225,063599	246,72353	335,980247	406,779136	492,181897	627,259771	667,780727
3003	225,22262	246,889639	336,189153	407,021416	492,468109	627,611487	668,150907
3004	225,381716	247,055822	336,398146	407,263793	492,754432	627,963335	668,521224
3005	225,540887	247,22208	336,607226	407,506265	493,040866	628,315315	668,891678
3006	225,700132	247,388412	336,816392	407,748834	493,327412	628,667425	669,262268
3007	225,859453	247,554819	337,025645	407,991499	493,614068	629,019668	669,632996
3008	226,018848	247,721301	337,234984	408,23426	493,900835	629,372042	670,00386
3009	226,178319	247,887857	337,44441	408,477118	494,187713	629,724547	670,374862
3010	226,337864	248,054488	337,653923	408,720072	494,474702	630,077184	670,746
3011	226,497484	248,221194	337,863523	408,963122	494,761802	630,429953	671,117275
3012	226,65718	248,387974	338,073209	409,206269	495,049014	630,782853	671,488687
3013	226,81695	248,554829	338,282982	409,449511	495,336336	631,135885	671,860236
3014	226,976796	248,721759	338,492842	409,692851	495,62377	631,489049	672,231923
3015	227,136717	248,888763	338,702788	409,936286	495,911315	631,842344	672,603746
3016	227,296712	249,055842	338,912822	410,179818	496,198971	632,195772	672,975706
3017	227,456783	249,222996	339,122942	410,423447	496,486738	632,549331	673,347804
3018	227,616929	249,390225	339,333149	410,667172	496,774617	632,903021	673,720038
3019	227,77715	249,557528	339,543443	410,910993	497,062606	633,256844	674,09241
3020	227,937447	249,724907	339,753823	411,154911	497,350708	633,610798	674,464919
3021	228,097818	249,89236	339,964291	411,398925	497,63892	633,964884	674,837565
3022	228,258265	250,059888	340,174845	411,643036	497,927244	634,319103	675,210349
3023	228,418787	250,22749	340,385487	411,887244	498,215679	634,673453	675,583269
3024	228,579384	250,395168	340,596215	412,131548	498,504225	635,027935	675,956327
3025	228,740056	250,562921	340,80703	412,375948	498,792883	635,382549	676,329522
3026	228,900804	250,730748	341,017932	412,620446	499,081652	635,737295	676,702855
3027	229,061627	250,89865	341,228922	412,865039	499,370533	636,092173	677,076325

3028	229,222526	251,066628	341,439998	413,10973	499,659525	636,447183	677,449932
3029	229,383499	251,23468	341,651161	413,354517	499,948628	636,802325	677,823677
3030	229,544548	251,402807	341,862411	413,599401	500,237843	637,157599	678,197559
3031	229,705672	251,571009	342,073749	413,844381	500,52717	637,513005	678,571579
3032	229,866872	251,739287	342,285173	414,089459	500,816608	637,868544	678,945736
3033	230,028147	251,907639	342,496685	414,334633	501,106158	638,224215	679,32003
3034	230,189498	252,076066	342,708284	414,579903	501,395819	638,580017	679,694463
3035	230,350924	252,244569	342,919969	414,825271	501,685592	638,935952	680,069032
3036	230,512425	252,413146	343,131742	415,070735	501,975476	639,29202	680,44374
3037	230,674002	252,581799	343,343602	415,316296	502,265472	639,648219	680,818585
3038	230,835655	252,750526	343,55555	415,561954	502,55558	640,004551	681,193567
3039	230,997383	252,919329	343,767584	415,807709	502,845799	640,361015	681,568687
3040	231,159186	253,088207	343,979706	416,053561	503,136131	640,717611	681,943945
3041	231,321065	253,25716	344,191915	416,299509	503,426573	641,07434	682,319341
3042	231,483019	253,426188	344,404211	416,545555	503,717128	641,431201	682,694874
3043	231,645049	253,595292	344,616595	416,791697	504,007795	641,788195	683,070545
3044	231,807155	253,76447	344,829066	417,037936	504,298573	642,145321	683,446354
3045	231,969336	253,933724	345,041624	417,284273	504,589463	642,50258	683,822301
3046	232,131593	254,103053	345,254269	417,530706	504,880465	642,859971	684,198386
3047	232,293926	254,272458	345,467002	417,777236	505,171579	643,217494	684,574608
3048	232,456334	254,441937	345,679822	418,023864	505,462804	643,57515	684,950968
3049	232,618818	254,611492	345,89273	418,270588	505,754142	643,932939	685,327467
3050	232,781378	254,781122	346,105725	418,517409	506,045591	644,29086	685,704103
3051	232,944013	254,950828	346,318807	418,764328	506,337153	644,648914	686,080877
3052	233,106724	255,120609	346,531977	419,011344	506,628826	645,0071	686,457789
3053	233,269511	255,290465	346,745234	419,258456	506,920611	645,365419	686,834839
3054	233,432373	255,460397	346,958579	419,505666	507,212509	645,723871	687,212028
3055	233,595312	255,630404	347,172011	419,752973	507,504518	646,082455	687,589354
3056	233,758326	255,800486	347,385531	420,000377	507,79664	646,441172	687,966818
3057	233,921416	255,970644	347,599138	420,247879	508,088873	646,800022	688,344421
3058	234,084582	256,140878	347,812833	420,495477	508,381219	647,159005	688,722161
3059	234,247823	256,311186	348,026616	420,743173	508,673677	647,51812	689,10004
3060	234,411141	256,481571	348,240486	420,990966	508,966246	647,877369	689,478057
3061	234,574534	256,65203	348,454443	421,238857	509,258929	648,23675	689,856213
3062	234,738004	256,822566	348,668488	421,486844	509,551723	648,596264	690,234506
3063	234,901549	256,993176	348,882621	421,734929	509,844629	648,955911	690,612938
3064	235,06517	257,163863	349,096842	421,983112	510,137648	649,315691	690,991508
3065	235,228868	257,334625	349,31115	422,231391	510,430779	649,675604	691,370216
3066	235,392641	257,505462	349,525546	422,479768	510,724022	650,035649	691,749063
3067	235,55649	257,676375	349,740029	422,728243	511,017377	650,395828	692,128048
3068	235,720415	257,847364	349,954601	422,976814	511,310845	650,75614	692,507171
3069	235,884416	258,018428	350,16926	423,225484	511,604425	651,116585	692,886433
3070	236,048494	258,189568	350,384007	423,47425	511,898118	651,477163	693,265834
3071	236,212647	258,360783	350,598841	423,723114	512,191923	651,837874	693,645372
3072	236,376876	258,532075	350,813763	423,972076	512,48584	652,198718	694,02505
3073	236,541182	258,703442	351,028774	424,221135	512,77987	652,559695	694,404866

3074	236,705564	258,874884	351,243872	424,470292	513,074012	652,920806	694,78482
3075	236,870021	259,046403	351,459058	424,719546	513,368266	653,28205	695,164913
3076	237,034555	259,217997	351,674331	424,968898	513,662634	653,643426	695,545144
3077	237,199165	259,389667	351,889693	425,218347	513,957113	654,004937	695,925515
3078	237,363852	259,561412	352,105143	425,467894	514,251705	654,36658	696,306023
3079	237,528614	259,733234	352,32068	425,717538	514,54641	654,728357	696,686671
3080	237,693453	259,905131	352,536305	425,96728	514,841227	655,090267	697,067457
3081	237,858368	260,077104	352,752019	426,21712	515,136157	655,45231	697,448382
3082	238,023359	260,249153	352,96782	426,467058	515,431199	655,814487	697,829446
3083	238,188427	260,421278	353,183709	426,717093	515,726354	656,176797	698,210648
3084	238,353571	260,593479	353,399687	426,967226	516,021622	656,53924	698,591989
3085	238,518791	260,765755	353,615752	427,217456	516,317002	656,901817	698,97347
3086	238,684087	260,938108	353,831906	427,467785	516,612496	657,264528	699,355089
3087	238,84946	261,110536	354,048147	427,718211	516,908101	657,627372	699,736846
3088	239,014909	261,283041	354,264477	427,968735	517,20382	657,990349	700,118743
3089	239,180435	261,455621	354,480894	428,219356	517,499651	658,35346	700,500779
3090	239,346037	261,628277	354,6974	428,470076	517,795595	658,716705	700,882953
3091	239,511715	261,801009	354,913994	428,720893	518,091652	659,080083	701,265267
3092	239,67747	261,973818	355,130676	428,971808	518,387822	659,443595	701,647719
3093	239,843302	262,146702	355,347447	429,222822	518,684105	659,80724	702,030311
3094	240,009209	262,319662	355,564305	429,473933	518,9805	660,171019	702,413042
3095	240,175194	262,492699	355,781252	429,725141	519,277008	660,534932	702,795911
3096	240,341255	262,665811	355,998287	429,976448	519,57363	660,898978	703,17892
3097	240,507392	262,839	356,21541	430,227853	519,870364	661,263158	703,562068
3098	240,673606	263,012265	356,432621	430,479356	520,167211	661,627472	703,945355
3099	240,839896	263,185606	356,649921	430,730957	520,464171	661,99192	704,328782
3100	241,006263	263,359023	356,867309	430,982656	520,761244	662,356502	704,712347
3101	241,172707	263,532516	357,084785	431,234452	521,058431	662,721217	705,096052
3102	241,339227	263,706085	357,30235	431,486347	521,35573	663,086066	705,479896
3103	241,505824	263,879731	357,520003	431,73834	521,653142	663,451049	705,863879
3104	241,672497	264,053452	357,737744	431,990431	521,950667	663,816166	706,248002
3105	241,839247	264,22725	357,955574	432,242621	522,248306	664,181417	706,632264
3106	242,006074	264,401124	358,173492	432,494908	522,546058	664,546802	707,016665
3107	242,172978	264,575075	358,391499	432,747293	522,843922	664,912321	707,401205
3108	242,339958	264,749102	358,609594	432,999777	523,1419	665,277974	707,785885
3109	242,507015	264,923205	358,827777	433,252359	523,439991	665,643761	708,170705
3110	242,674149	265,097384	359,046049	433,505039	523,738196	666,009682	708,555664
3111	242,84136	265,27164	359,26441	433,757817	524,036513	666,375737	708,940762
3112	243,008647	265,445972	359,482859	434,010694	524,334944	666,741926	709,326
3113	243,176011	265,62038	359,701396	434,263668	524,633488	667,108249	709,711378
3114	243,343452	265,794865	359,920023	434,516742	524,932146	667,474707	710,096895
3115	243,51097	265,969426	360,138737	434,769913	525,230916	667,841298	710,482551
3116	243,678564	266,144064	360,35754	435,023183	525,5298	668,208024	710,868348
3117	243,846236	266,318778	360,576432	435,276551	525,828798	668,574884	711,254283
3118	244,013984	266,493568	360,795413	435,530017	526,127909	668,941879	711,640359
3119	244,18181	266,668435	361,014482	435,783582	526,427133	669,309007	712,026574

3120	244,349712	266,843378	361,23364	436,037245	526,726471	669,67627	712,412929
3121	244,517691	267,018398	361,452886	436,291006	527,025922	670,043667	712,799424
3122	244,685748	267,193495	361,672221	436,544866	527,325486	670,411199	713,186058
3123	244,853881	267,368668	361,891645	436,798825	527,625164	670,778865	713,572832
3124	245,022091	267,543917	362,111158	437,052882	527,924956	671,146665	713,959746
3125	245,190378	267,719243	362,330759	437,307037	528,224861	671,5146	714,3468
3126	245,358743	267,894646	362,550449	437,561291	528,52488	671,882669	714,733994
3127	245,527184	268,070125	362,770228	437,815644	528,825012	672,250873	715,121327
3128	245,695702	268,245681	362,990096	438,070095	529,125258	672,619211	715,508801
3129	245,864298	268,421313	363,210052	438,324644	529,425617	672,987683	715,896414
3130	246,03297	268,597022	363,430098	438,579292	529,726091	673,356291	716,284168
3131	246,20172	268,772808	363,650232	438,834039	530,026677	673,725032	716,672061
3132	246,370547	268,948671	363,870455	439,088885	530,327378	674,093909	717,060094
3133	246,539451	269,12461	364,090767	439,343829	530,628192	674,46292	717,448268
3134	246,708432	269,300626	364,311168	439,598871	530,92912	674,832065	717,836581
3135	246,877491	269,476718	364,531658	439,854013	531,230162	675,201346	718,225035
3136	247,046626	269,652888	364,752236	440,109253	531,531317	675,570761	718,613629
3137	247,215839	269,829134	364,972904	440,364592	531,832586	675,940311	719,002363
3138	247,385129	270,005457	365,193661	440,620029	532,13397	676,309995	719,391237
3139	247,554497	270,181856	365,414506	440,875566	532,435466	676,679814	719,780251
3140	247,723941	270,358333	365,635441	441,131201	532,737077	677,049768	720,169405
3141	247,893463	270,534886	365,856465	441,386935	533,038802	677,419857	720,5587
3142	248,063062	270,711516	366,077578	441,642767	533,34064	677,790081	720,948135
3143	248,232739	270,888223	366,29878	441,898699	533,642593	678,160439	721,33771
3144	248,402493	271,065007	366,520071	442,154729	533,944659	678,530933	721,727425
3145	248,572324	271,241868	366,741451	442,410859	534,24684	678,901561	722,117281
3146	248,742233	271,418806	366,96292	442,667087	534,549134	679,272325	722,507278
3147	248,912219	271,59582	367,184478	442,923414	534,851543	679,643223	722,897414
3148	249,082283	271,772912	367,406126	443,17984	535,154065	680,014256	723,287691
3149	249,252424	271,95008	367,627862	443,436365	535,456702	680,385424	723,678109
3150	249,422642	272,127326	367,849688	443,692989	535,759452	680,756728	724,068667
3151	249,592938	272,304648	368,071603	443,949712	536,062317	681,128166	724,459365
3152	249,763312	272,482048	368,293608	444,206534	536,365296	681,499739	724,850204
3153	249,933763	272,659525	368,515701	444,463455	536,668388	681,871448	725,241184
3154	250,104291	272,837078	368,737884	444,720475	536,971596	682,243292	725,632304
3155	250,274897	273,014709	368,960156	444,977594	537,274917	682,615271	726,023564
3156	250,445581	273,192417	369,182518	445,234812	537,578352	682,987385	726,414966
3157	250,616342	273,370202	369,404968	445,492129	537,881902	683,359634	726,806508
3158	250,787181	273,548064	369,627509	445,749546	538,185566	683,732018	727,19819
3159	250,958097	273,726003	369,850138	446,007061	538,489344	684,104538	727,590014
3160	251,129091	273,904019	370,072857	446,264676	538,793237	684,477193	727,981978
3161	251,300163	274,082112	370,295665	446,52239	539,097243	684,849983	728,374082
3162	251,471313	274,260283	370,518563	446,780203	539,401365	685,222909	728,766328
3163	251,64254	274,438531	370,74155	447,038115	539,7056	685,59597	729,158714
3164	251,813844	274,616856	370,964626	447,296127	540,00995	685,969167	729,551242
3165	251,985227	274,795258	371,187792	447,554238	540,314414	686,342498	729,94391

3166	252,156687	274,973738	371,411048	447,812448	540,618993	686,715966	730,336718
3167	252,328225	275,152294	371,634393	448,070757	540,923686	687,089568	730,729668
3168	252,499841	275,330928	371,857827	448,329166	541,228494	687,463307	731,122759
3169	252,671535	275,50964	372,081351	448,587674	541,533416	687,83718	731,515991
3170	252,843306	275,688428	372,304965	448,846281	541,838452	688,211189	731,909363
3171	253,015155	275,867294	372,528668	449,104988	542,143603	688,585334	732,302877
3172	253,187082	276,046238	372,752461	449,363794	542,448869	688,959615	732,696531
3173	253,359087	276,225258	372,976343	449,622699	542,754249	689,33403	733,090327
3174	253,53117	276,404357	373,200315	449,881704	543,059744	689,708582	733,484264
3175	253,703331	276,583532	373,424377	450,140809	543,365354	690,083269	733,878342
3176	253,875569	276,762785	373,648528	450,400013	543,671078	690,458092	734,272561
3177	254,047886	276,942115	373,872769	450,659316	543,976916	690,833051	734,666921
3178	254,220281	277,121523	374,0971	450,918719	544,28287	691,208145	735,061422
3179	254,392753	277,301008	374,32152	451,178221	544,588938	691,583375	735,456065
3180	254,565304	277,480571	374,54603	451,437823	544,895121	691,958741	735,850849
3181	254,737932	277,660211	374,77063	451,697525	545,201418	692,334243	736,245774
3182	254,910639	277,839929	374,99532	451,957326	545,50783	692,70988	736,64084
3183	255,083423	278,019724	375,220099	452,217227	545,814358	693,085653	737,036048
3184	255,256286	278,199597	375,444969	452,477227	546,120999	693,461563	737,431396
3185	255,429227	278,379548	375,669928	452,737327	546,427756	693,837608	737,826887
3186	255,602246	278,559575	375,894977	452,997526	546,734628	694,213789	738,222518
3187	255,775343	278,739681	376,120115	453,257826	547,041614	694,590106	738,618291
3188	255,948518	278,919864	376,345344	453,518225	547,348716	694,966558	739,014206
3189	256,121771	279,100125	376,570663	453,778723	547,655932	695,343147	739,410262
3190	256,295102	279,280464	376,796071	454,039322	547,963263	695,719872	739,806459
3191	256,468512	279,46088	377,021569	454,30002	548,270709	696,096733	740,202798
3192	256,642	279,641374	377,247158	454,560818	548,57827	696,47373	740,599279
3193	256,815566	279,821945	377,472836	454,821715	548,885946	696,850863	740,995901
3194	256,98921	280,002594	377,698604	455,082713	549,193738	697,228133	741,392664
3195	257,162932	280,183321	377,924463	455,34381	549,501644	697,605538	741,789569
3196	257,336733	280,364126	378,150411	455,605008	549,809665	697,98308	742,186616
3197	257,510612	280,545008	378,376449	455,866305	550,117801	698,360757	742,583805
3198	257,684569	280,725969	378,602578	456,127702	550,426053	698,738571	742,981135
3199	257,858605	280,907007	378,828796	456,389198	550,734419	699,116522	743,378607
3200	258,032719	281,088123	379,055105	456,650795	551,042901	699,494608	743,77622
3201	258,206911	281,269316	379,281504	456,912492	551,351498	699,872831	744,173976
3202	258,381182	281,450588	379,507992	457,174289	551,66021	700,25119	744,571873
3203	258,555531	281,631937	379,734571	457,436185	551,969037	700,629685	744,969912
3204	258,729959	281,813365	379,961241	457,698182	552,27798	701,008317	745,368092
3205	258,904465	281,99487	380,188	457,960279	552,587038	701,387085	745,766415
3206	259,079049	282,176453	380,414849	458,222476	552,896211	701,76599	746,164879
3207	259,253712	282,358114	380,641789	458,484772	553,205499	702,145031	746,563486
3208	259,428454	282,539853	380,868819	458,747169	553,514903	702,524208	746,962234
3209	259,603274	282,72167	381,095939	459,009666	553,824422	702,903522	747,361125
3210	259,778172	282,903565	381,32315	459,272263	554,134056	703,282973	747,760157
3211	259,953149	283,085538	381,550451	459,534961	554,443806	703,66256	748,159331

3212	260,128205	283,267589	381,777842	459,797758	554,753671	704,042284	748,558647
3213	260,303339	283,449718	382,005323	460,060655	555,063652	704,422144	748,958106
3214	260,478551	283,631925	382,232895	460,323653	555,373748	704,80214	749,357706
3215	260,653843	283,81421	382,460557	460,586751	555,68396	705,182274	749,757449
3216	260,829212	283,996574	382,68831	460,849949	555,994287	705,562544	750,157334
3217	261,004661	284,179015	382,916153	461,113248	556,304729	705,942951	750,557361
3218	261,180188	284,361534	383,144086	461,376647	556,615287	706,323494	750,95753
3219	261,355794	284,544132	383,37211	461,640146	556,925961	706,704174	751,357841
3220	261,531479	284,726808	383,600224	461,903745	557,23675	707,084991	751,758294
3221	261,707242	284,909562	383,828429	462,167444	557,547655	707,465945	752,15889
3222	261,883084	285,092394	384,056724	462,431244	557,858675	707,847035	752,559628
3223	262,059005	285,275304	384,28511	462,695145	558,169812	708,228263	752,960509
3224	262,235004	285,458293	384,513586	462,959145	558,481063	708,609627	753,361531
3225	262,411083	285,641359	384,742153	463,223247	558,792431	708,991128	753,762696
3226	262,58724	285,824504	384,97081	463,487448	559,103914	709,372766	754,164004
3227	262,763476	286,007728	385,199558	463,75175	559,415513	709,754541	754,565454
3228	262,93979	286,191029	385,428397	464,016153	559,727228	710,136453	754,967046
3229	263,116184	286,374409	385,657326	464,280655	560,039058	710,518502	755,368781
3230	263,292657	286,557867	385,886345	464,545259	560,351004	710,900688	755,770658
3231	263,469208	286,741404	386,115456	464,809963	560,663066	711,283011	756,172678
3232	263,645838	286,925018	386,344657	465,074767	560,975244	711,66547	756,57484
3233	263,822548	287,108712	386,573949	465,339672	561,287538	712,048067	756,977145
3234	263,999336	287,292483	386,803331	465,604678	561,599947	712,430802	757,379593
3235	264,176203	287,476333	387,032804	465,869784	561,912473	712,813673	757,782183
3236	264,353149	287,660262	387,262368	466,134991	562,225114	713,196681	758,184916
3237	264,530174	287,844269	387,492023	466,400298	562,537872	713,579827	758,587791
3238	264,707278	288,028354	387,721768	466,665706	562,850745	713,96311	758,990809
3239	264,884461	288,212518	387,951605	466,931215	563,163734	714,346529	759,39397
3240	265,061723	288,39676	388,181532	467,196824	563,47684	714,730087	759,797273
3241	265,239065	288,581081	388,41155	467,462535	563,790061	715,113781	760,20072
3242	265,416485	288,76548	388,641658	467,728345	564,103399	715,497613	760,604309
3243	265,593985	288,949958	388,871858	467,994257	564,416852	715,881582	761,008041
3244	265,771563	289,134514	389,102148	468,260269	564,730422	716,265689	761,411916
3245	265,949221	289,319149	389,33253	468,526383	565,044107	716,649932	761,815933
3246	266,126958	289,503863	389,563002	468,792597	565,357909	717,034314	762,220094
3247	266,304774	289,688655	389,793565	469,058911	565,671827	717,418832	762,624397
3248	266,482669	289,873526	390,02422	469,325327	565,985861	717,803488	763,028844
3249	266,660643	290,058475	390,254965	469,591843	566,300012	718,188282	763,433433
3250	266,838697	290,243503	390,485801	469,858461	566,614278	718,573213	763,838165
3251	267,01683	290,42861	390,716728	470,125179	566,928661	718,958282	764,243041
3252	267,195042	290,613795	390,947746	470,391998	567,24316	719,343488	764,648059
3253	267,373333	290,799059	391,178855	470,658918	567,557776	719,728831	765,053221
3254	267,551704	290,984402	391,410056	470,925939	567,872508	720,114313	765,458525
3255	267,730154	291,169824	391,641347	471,193062	568,187356	720,499932	765,863973
3256	267,908683	291,355324	391,87273	471,460285	568,50232	720,885688	766,269564
3257	268,087292	291,540903	392,104203	471,727609	568,817401	721,271582	766,675298

3258	268,26598	291,726561	392,335768	471,995034	569,132598	721,657614	767,081175
3259	268,444748	291,912298	392,567424	472,26256	569,447912	722,043784	767,487196
3260	268,623595	292,098113	392,799171	472,530187	569,763342	722,430091	767,893359
3261	268,802521	292,284007	393,031009	472,797915	570,078888	722,816536	768,299666
3262	268,981527	292,46998	393,262939	473,065745	570,394551	723,203119	768,706117
3263	269,160612	292,656033	393,494959	473,333675	570,710331	723,58984	769,11271
3264	269,339776	292,842163	393,727071	473,601707	571,026227	723,976698	769,519447
3265	269,51902	293,028373	393,959274	473,86984	571,342239	724,363695	769,926328
3266	269,698344	293,214662	394,191569	474,138074	571,658369	724,750829	770,333351
3267	269,877747	293,40103	394,423955	474,406409	571,974614	725,138101	770,740518
3268	270,05723	293,587476	394,656432	474,674845	572,290977	725,525511	771,147829
3269	270,236792	293,774002	394,889	474,943383	572,607456	725,913059	771,555283
3270	270,416434	293,960607	395,12166	475,212022	572,924051	726,300745	771,962881
3271	270,596155	294,14729	395,354411	475,480762	573,240763	726,68857	772,370622
3272	270,775956	294,334053	395,587253	475,749604	573,557592	727,076532	772,778506
3273	270,955837	294,520895	395,820187	476,018547	573,874538	727,464632	773,186535
3274	271,135797	294,707815	396,053213	476,287591	574,191601	727,85287	773,594706
3275	271,315837	294,894815	396,286329	476,556736	574,50878	728,241246	774,003022
3276	271,495957	295,081894	396,519537	476,825983	574,826076	728,629761	774,411481
3277	271,676156	295,269052	396,752837	477,095332	575,143489	729,018414	774,820084
3278	271,856435	295,456289	396,986228	477,364781	575,461018	729,407204	775,22883
3279	272,036794	295,643605	397,219711	477,634333	575,778665	729,796133	775,63772
3280	272,217233	295,831001	397,453285	477,903985	576,096428	730,185201	776,046754
3281	272,397751	296,018475	397,686951	478,173739	576,414308	730,574406	776,455932
3282	272,578349	296,206029	397,920708	478,443595	576,732306	730,96375	776,865254
3283	272,759027	296,393662	398,154557	478,713552	577,05042	731,353232	777,274719
3284	272,939785	296,581374	398,388498	478,983611	577,368651	731,742853	777,684328
3285	273,120623	296,769166	398,62253	479,253771	577,686999	732,132611	778,094081
3286	273,30154	296,957036	398,856654	479,524032	578,005464	732,522509	778,503978
3287	273,482537	297,144986	399,090869	479,794396	578,324046	732,912544	778,914019
3288	273,663615	297,333015	399,325176	480,064861	578,642745	733,302718	779,324204
3289	273,844772	297,521124	399,559575	480,335427	578,961561	733,693031	779,734533
3290	274,026009	297,709312	399,794065	480,606095	579,280494	734,083481	780,145006
3291	274,207326	297,897579	400,028648	480,876865	579,599545	734,474071	780,555623
3292	274,388723	298,085926	400,263322	481,147737	579,918712	734,864799	780,966384
3293	274,5702	298,274352	400,498087	481,41871	580,237997	735,255665	781,377289
3294	274,751757	298,462857	400,732945	481,689785	580,557399	735,64667	781,788338
3295	274,933394	298,651442	400,967894	481,960961	580,876917	736,037814	782,199531
3296	275,115111	298,840106	401,202935	482,23224	581,196554	736,429096	782,610869
3297	275,296908	299,028849	401,438068	482,50362	581,516307	736,820517	783,02235
3298	275,478785	299,217672	401,673293	482,775102	581,836178	737,212077	783,433976
3299	275,660742	299,406575	401,90861	483,046686	582,156166	737,603775	783,845746
3300	275,842779	299,595557	402,144018	483,318372	582,476271	737,995612	784,257661
3301	276,024897	299,784618	402,379519	483,590159	582,796494	738,387588	784,669719
3302	276,207095	299,973759	402,615111	483,862048	583,116834	738,779703	785,081922
3303	276,389372	300,16298	402,850796	484,13404	583,437291	739,171956	785,494269

3304	276,57173	300,35228	403,086572	484,406133	583,757865	739,564348	785,906761
3305	276,754168	300,54166	403,32244	484,678328	584,078558	739,956879	786,319397
3306	276,936687	300,731119	403,5584	484,950625	584,399367	740,349549	786,732177
3307	277,119285	300,920658	403,794453	485,223024	584,720294	740,742358	787,145102
3308	277,301964	301,110276	404,030597	485,495525	585,041338	741,135305	787,558171
3309	277,484723	301,299975	404,266833	485,768128	585,3625	741,528392	787,971385
3310	277,667563	301,489752	404,503162	486,040833	585,68378	741,921618	788,384744
3311	277,850482	301,67961	404,739582	486,31364	586,005177	742,314982	788,798246
3312	278,033482	301,869547	404,976095	486,586549	586,326691	742,708486	789,211894
3313	278,216562	302,059564	405,2127	486,859561	586,648323	743,102128	789,625686
3314	278,399723	302,24966	405,449396	487,132674	586,970073	743,49591	790,039622
3315	278,582964	302,439837	405,686185	487,405889	587,29194	743,889831	790,453704
3316	278,766286	302,630093	405,923067	487,679207	587,613925	744,283891	790,867929
3317	278,949687	302,820429	406,16004	487,952627	587,936028	744,67809	791,2823
3318	279,13317	303,010844	406,397106	488,226149	588,258248	745,072428	791,696815
3319	279,316732	303,20134	406,634263	488,499773	588,580586	745,466905	792,111475
3320	279,500375	303,391915	406,871514	488,773499	588,903042	745,861522	792,52628
3321	279,684099	303,58257	407,108856	489,047328	589,225616	746,256278	792,94123
3322	279,867903	303,773305	407,346291	489,321258	589,548307	746,651173	793,356324
3323	280,051788	303,96412	407,583817	489,595291	589,871116	747,046207	793,771563
3324	280,235753	304,155015	407,821437	489,869427	590,194043	747,441381	794,186947
3325	280,419799	304,345989	408,059148	490,143665	590,517088	747,836694	794,602476
3326	280,603925	304,537044	408,296952	490,418005	590,84025	748,232146	795,01815
3327	280,788132	304,728179	408,534848	490,692447	591,163531	748,627738	795,433969
3328	280,972419	304,919393	408,772837	490,966992	591,486929	749,023469	795,849933
3329	281,156787	305,110687	409,010918	491,241639	591,810445	749,41934	796,266042
3330	281,341236	305,302062	409,249092	491,516388	592,13408	749,81535	796,682295
3331	281,525765	305,493516	409,487358	491,79124	592,457832	750,2115	797,098694
3332	281,710375	305,685051	409,725716	492,066195	592,781702	750,607789	797,515238
3333	281,895066	305,876665	409,964167	492,341252	593,10569	751,004217	797,931927
3334	282,079838	306,06836	410,202711	492,616411	593,429796	751,400786	798,348761
3335	282,26469	306,260134	410,441346	492,891673	593,754021	751,797493	798,765741
3336	282,449623	306,451989	410,680075	493,167037	594,078363	752,194341	799,182865
3337	282,634636	306,643924	410,918896	493,442504	594,402824	752,591328	799,600135
3338	282,819731	306,835939	411,157809	493,718073	594,727402	752,988454	800,01755
3339	283,004906	307,028034	411,396816	493,993746	595,052099	753,385721	800,43511
3340	283,190162	307,220209	411,635914	494,26952	595,376914	753,783127	800,852815
3341	283,375499	307,412465	411,875106	494,545397	595,701847	754,180672	801,270666
3342	283,560916	307,6048	412,11439	494,821377	596,026898	754,578358	801,688662
3343	283,746415	307,797216	412,353767	495,09746	596,352067	754,976183	802,106803
3344	283,931994	307,989712	412,593236	495,373645	596,677355	755,374148	802,52509
3345	284,117655	308,182289	412,832798	495,649933	597,002761	755,772253	802,943522
3346	284,303396	308,374945	413,072453	495,926324	597,328285	756,170498	803,362099
3347	284,489218	308,567682	413,3122	496,202817	597,653928	756,568882	803,780822
3348	284,675121	308,760499	413,552041	496,479413	597,979689	756,967407	804,199691
3349	284,861105	308,953397	413,791974	496,756112	598,305568	757,366071	804,618704

3350	285,04717	309,146374	414,031999	497,032914	598,631566	757,764876	805,037864
3351	285,233317	309,339432	414,272118	497,309818	598,957682	758,16382	805,457169
3352	285,419544	309,532571	414,512329	497,586825	599,283916	758,562905	805,876619
3353	285,605852	309,72579	414,752634	497,863935	599,610269	758,962129	806,296216
3354	285,792241	309,919089	414,993031	498,141148	599,93674	759,361493	806,715957
3355	285,978711	310,112468	415,233521	498,418464	600,26333	759,760998	807,135845
3356	286,165263	310,305929	415,474104	498,695883	600,590039	760,160642	807,555878
3357	286,351895	310,499469	415,714779	498,973405	600,916865	760,560427	807,976057
3358	286,538609	310,69309	415,955548	499,251029	601,243811	760,960352	808,396381
3359	286,725404	310,886791	416,19641	499,528757	601,570875	761,360417	808,816851
3360	286,91228	311,080573	416,437364	499,806588	601,898057	761,760622	809,237467
3361	287,099237	311,274436	416,678412	500,084521	602,225359	762,160968	809,658229
3362	287,286275	311,468379	416,919553	500,362558	602,552778	762,561454	810,079137
3363	287,473395	311,662402	417,160786	500,640697	602,880317	762,96208	810,50019
3364	287,660595	311,856506	417,402113	500,91894	603,207974	763,362846	810,92139
3365	287,847877	312,050691	417,643533	501,197286	603,53575	763,763752	811,342735
3366	288,035241	312,244956	417,885046	501,475735	603,863644	764,164799	811,764226
3367	288,222685	312,439302	418,126651	501,754287	604,191658	764,565987	812,185863
3368	288,410211	312,633728	418,36835	502,032942	604,51979	764,967314	812,607647
3369	288,597818	312,828235	418,610143	502,3117	604,84804	765,368782	813,029576
3370	288,785507	313,022823	418,852028	502,590562	605,17641	765,770391	813,451651
3371	288,973277	313,217492	419,094006	502,869526	605,504899	766,17214	813,873872
3372	289,161128	313,412241	419,336078	503,148594	605,833506	766,574029	814,296239
3373	289,349061	313,607071	419,578243	503,427765	606,162232	766,976059	814,718753
3374	289,537075	313,801981	419,820501	503,707039	606,491077	767,37823	815,141412
3375	289,72517	313,996973	420,062852	503,986417	606,820041	767,780541	815,564218
3376	289,913347	314,192045	420,305296	504,265898	607,149124	768,182993	815,98717
3377	290,101606	314,387197	420,547834	504,545482	607,478326	768,585585	816,410268
3378	290,289946	314,582431	420,790465	504,825169	607,807647	768,988318	816,833512
3379	290,478367	314,777745	421,033189	505,10496	608,137087	769,391192	817,256903
3380	290,66687	314,973141	421,276007	505,384854	608,466645	769,794206	817,680439
3381	290,855454	315,168617	421,518918	505,664852	608,796323	770,197361	818,104123
3382	291,04412	315,364174	421,761923	505,944953	609,12612	770,600657	818,527952
3383	291,232868	315,559812	422,00502	506,225157	609,456036	771,004093	818,951928
3384	291,421697	315,75553	422,248211	506,505465	609,786071	771,40767	819,37605
3385	291,610608	315,95133	422,491496	506,785876	610,116226	771,811389	819,800319
3386	291,7996	316,147211	422,734874	507,066391	610,446499	772,215247	820,224734
3387	291,988674	316,343172	422,978345	507,347009	610,776892	772,619247	820,649295
3388	292,17783	316,539215	423,22191	507,627731	611,107403	773,023388	821,074003
3389	292,367067	316,735338	423,465569	507,908556	611,438034	773,427669	821,498858
3390	292,556386	316,931543	423,709321	508,189485	611,768785	773,832092	821,923859
3391	292,745787	317,127828	423,953166	508,470517	612,099654	774,236655	822,349006
3392	292,935269	317,324195	424,197105	508,751653	612,430643	774,64136	822,7743
3393	293,124834	317,520642	424,441137	509,032893	612,761751	775,046205	823,199741
3394	293,31448	317,717171	424,685264	509,314236	613,092978	775,451192	823,625328
3395	293,504207	317,91378	424,929483	509,595683	613,424325	775,856319	824,051062

3396	293,694017	318,110471	425,173796	509,877234	613,755791	776,261588	824,476943
3397	293,883908	318,307243	425,418203	510,158888	614,087377	776,666998	824,902971
3398	294,073882	318,504096	425,662704	510,440646	614,419082	777,072549	825,329145
3399	294,263937	318,70103	425,907298	510,722507	614,750906	777,478241	825,755466
3400	294,454074	318,898045	426,151986	511,004473	615,08285	777,884074	826,181933
3401	294,644292	319,095142	426,396768	511,286542	615,414913	778,290048	826,608548
3402	294,834593	319,29232	426,641643	511,568715	615,747095	778,696164	827,035309
3403	295,024976	319,489578	426,886612	511,850992	616,079398	779,102421	827,462217
3404	295,21544	319,686919	427,131675	512,133372	616,411819	779,508819	827,889272
3405	295,405987	319,88434	427,376831	512,415856	616,744361	779,915358	828,316474
3406	295,596615	320,081843	427,622082	512,698445	617,077022	780,322039	828,743823
3407	295,787326	320,279427	427,867426	512,981137	617,409802	780,728861	829,171319
3408	295,978118	320,477092	428,112864	513,263933	617,742702	781,135824	829,598962
3409	296,168993	320,674838	428,358396	513,546833	618,075722	781,542929	830,026752
3410	296,359949	320,872666	428,604021	513,829837	618,408861	781,950176	830,454689
3411	296,550988	321,070575	428,849741	514,112944	618,742121	782,357563	830,882773
3412	296,742109	321,268566	429,095554	514,396156	619,075499	782,765093	831,311004
3413	296,933312	321,466638	429,341462	514,679472	619,408998	783,172763	831,739382
3414	297,124597	321,664791	429,587463	514,962892	619,742616	783,580575	832,167908
3415	297,315964	321,863026	429,833558	515,246416	620,076354	783,988529	832,59658
3416	297,507413	322,061342	430,079748	515,530043	620,410212	784,396625	833,0254
3417	297,698944	322,259739	430,326031	515,813775	620,74419	784,804862	833,454367
3418	297,890558	322,458219	430,572408	516,097611	621,078287	785,21324	833,883481
3419	298,082254	322,656779	430,818879	516,381551	621,412505	785,62176	834,312742
3420	298,274032	322,855421	431,065444	516,665596	621,746842	786,030422	834,742151
3421	298,465892	323,054145	431,312104	516,949744	622,081299	786,439226	835,171707
3422	298,657834	323,25295	431,558857	517,233997	622,415876	786,848171	835,60141
3423	298,849859	323,451836	431,805705	517,518353	622,750573	787,257258	836,031261
3424	299,041966	323,650805	432,052646	517,802814	623,08539	787,666487	836,461259
3425	299,234156	323,849854	432,299682	518,087379	623,420327	788,075857	836,891405
3426	299,426427	324,048986	432,546812	518,372049	623,755384	788,48537	837,321698
3427	299,618781	324,248199	432,794036	518,656822	624,090561	788,895024	837,752138
3428	299,811218	324,447493	433,041354	518,9417	624,425858	789,30482	838,182726
3429	300,003737	324,646869	433,288767	519,226683	624,761275	789,714758	838,613462
3430	300,196338	324,846327	433,536273	519,511769	625,096812	790,124838	839,044345
3431	300,389021	325,045867	433,783874	519,79696	625,43247	790,53506	839,475375
3432	300,581787	325,245488	434,03157	520,082255	625,768247	790,945424	839,906553
3433	300,774636	325,445191	434,279359	520,367655	626,104145	791,355929	840,337879
3434	300,967567	325,644976	434,527243	520,653159	626,440163	791,766577	840,769352
3435	301,16058	325,844842	434,775221	520,938767	626,776301	792,177367	841,200973
3436	301,353676	326,044791	435,023293	521,22448	627,112559	792,588299	841,632742
3437	301,546855	326,244821	435,27146	521,510297	627,448937	792,999373	842,064659
3438	301,740116	326,444933	435,519721	521,796219	627,785436	793,410589	842,496723
3439	301,933459	326,645126	435,768076	522,082245	628,122055	793,821947	842,928935
3440	302,126885	326,845402	436,016526	522,368376	628,458794	794,233448	843,361295
3441	302,320394	327,045759	436,26507	522,654611	628,795654	794,64509	843,793802

3442	302,513986	327,246198	436,513709	522,940951	629,132634	795,056875	844,226458
3443	302,707659	327,446719	436,762442	523,227395	629,469734	795,468802	844,659261
3444	302,901416	327,647322	437,01127	523,513944	629,806955	795,880871	845,092212
3445	303,095255	327,848007	437,260192	523,800598	630,144296	796,293083	845,525312
3446	303,289177	328,048774	437,509209	524,087356	630,481758	796,705437	845,958559
3447	303,483182	328,249622	437,75832	524,374219	630,81934	797,117933	846,391954
3448	303,677269	328,450553	438,007525	524,661186	631,157043	797,530572	846,825497
3449	303,871439	328,651566	438,256826	524,948258	631,494866	797,943353	847,259188
3450	304,065692	328,85266	438,50622	525,235435	631,832809	798,356276	847,693027
3451	304,260028	329,053837	438,75571	525,522717	632,170874	798,769342	848,127014
3452	304,454446	329,255096	439,005294	525,810103	632,509058	799,18255	848,56115
3453	304,648947	329,456437	439,254973	526,097594	632,847364	799,595901	848,995433
3454	304,843531	329,657859	439,504746	526,38519	633,18579	800,009394	849,429865
3455	305,038198	329,859364	439,754614	526,67289	633,524336	800,42303	849,864444
3456	305,232948	330,060951	440,004577	526,960696	633,863003	800,836808	850,299172
3457	305,427781	330,26262	440,254634	527,248606	634,201791	801,250729	850,734049
3458	305,622696	330,464372	440,504786	527,536621	634,5407	801,664792	851,169073
3459	305,817694	330,666205	440,755033	527,824741	634,879729	802,078998	851,604246
3460	306,012776	330,868121	441,005374	528,112966	635,218879	802,493347	852,039567
3461	306,20794	331,070118	441,255811	528,401296	635,55815	802,907838	852,475036
3462	306,403187	331,272198	441,506342	528,689731	635,897541	803,322473	852,910654
3463	306,598517	331,47436	441,756968	528,97827	636,237054	803,737249	853,34642
3464	306,793931	331,676605	442,007689	529,266915	636,576687	804,152169	853,782334
3465	306,989427	331,878931	442,258504	529,555664	636,916441	804,567231	854,218397
3466	307,185006	332,08134	442,509415	529,844519	637,256316	804,982437	854,654608
3467	307,380668	332,283831	442,76042	530,133478	637,596312	805,397785	855,090968
3468	307,576414	332,486405	443,01152	530,422543	637,936428	805,813275	855,527477
3469	307,772242	332,689061	443,262716	530,711713	638,276666	806,228909	855,964133
3470	307,968154	332,891799	443,514006	531,000988	638,617025	806,644686	856,400939
3471	308,164148	333,094619	443,765391	531,290367	638,957504	807,060605	856,837893
3472	308,360226	333,297522	444,016871	531,579852	639,298105	807,476668	857,274995
3473	308,556387	333,500507	444,268446	531,869443	639,638826	807,892873	857,712247
3474	308,752631	333,703575	444,520116	532,159138	639,979669	808,309222	858,149646
3475	308,948959	333,906725	444,771881	532,448938	640,320633	808,725713	858,587195
3476	309,145369	334,109957	445,023741	532,738844	640,661717	809,142348	859,024892
3477	309,341863	334,313272	445,275697	533,028855	641,002923	809,559125	859,462738
3478	309,53844	334,51667	445,527747	533,318971	641,34425	809,976046	859,900733
3479	309,7351	334,72015	445,779892	533,609192	641,685698	810,39311	860,338876
3480	309,931844	334,923712	446,032133	533,899519	642,027268	810,810316	860,777169
3481	310,128671	335,127357	446,284468	534,189951	642,368958	811,227667	861,21561
3482	310,325581	335,331084	446,536899	534,480488	642,71077	811,64516	861,6542
3483	310,522574	335,534894	446,789425	534,77113	643,052703	812,062796	862,092939
3484	310,719651	335,738787	447,042046	535,061878	643,394757	812,480576	862,531827
3485	310,916811	335,942762	447,294763	535,352732	643,736932	812,898499	862,970863
3486	311,114055	336,146819	447,547574	535,64369	644,079229	813,316565	863,410049
3487	311,311382	336,35096	447,800481	535,934754	644,421647	813,734775	863,849384

3488	311,508792	336,555183	448,053483	536,225924	644,764187	814,153128	864,288867
3489	311,706286	336,759488	448,30658	536,517199	645,106848	814,571624	864,7285
3490	311,903863	336,963876	448,559773	536,808579	645,44963	814,990264	865,168282
3491	312,101524	337,168347	448,813061	537,100065	645,792533	815,409047	865,608213
3492	312,299268	337,372901	449,066444	537,391656	646,135558	815,827974	866,048293
3493	312,497096	337,577537	449,319923	537,683353	646,478705	816,247044	866,488522
3494	312,695007	337,782256	449,573497	537,975155	646,821973	816,666257	866,9289
3495	312,893002	337,987058	449,827166	538,267063	647,165362	817,085614	867,369427
3496	313,091081	338,191943	450,080931	538,559077	647,508873	817,505115	867,810104
3497	313,289243	338,39691	450,334791	538,851196	647,852506	817,924759	868,25093
3498	313,487488	338,60196	450,588747	539,143421	648,19626	818,344546	868,691905
3499	313,685817	338,807093	450,842798	539,435751	648,540135	818,764478	869,13303
3500	313,88423	339,012309	451,096945	539,728187	648,884132	819,184552	869,574303
3501	314,082727	339,217608	451,351187	540,020729	649,228251	819,604771	870,015726
3502	314,281307	339,422989	451,605524	540,313376	649,572492	820,025133	870,457299
3503	314,479971	339,628454	451,859958	540,606129	649,916854	820,445639	870,899021
3504	314,678718	339,834001	452,114486	540,898988	650,261338	820,866289	871,340892
3505	314,87755	340,039631	452,36911	541,191952	650,605943	821,287082	871,782913
3506	315,076465	340,245345	452,62383	541,485023	650,95067	821,70802	872,225083
3507	315,275463	340,451141	452,878646	541,778199	651,295519	822,129101	872,667402
3508	315,474546	340,65702	453,133557	542,071481	651,64049	822,550326	873,109871
3509	315,673712	340,862982	453,388563	542,364868	651,985583	822,971694	873,55249
3510	315,872962	341,069027	453,643666	542,658362	652,330797	823,393207	873,995258
3511	316,072296	341,275155	453,898864	542,951961	652,676133	823,814863	874,438176
3512	316,271714	341,481366	454,154157	543,245667	653,021591	824,236664	874,881244
3513	316,471216	341,68766	454,409547	543,539478	653,367171	824,658608	875,324461
3514	316,670801	341,894038	454,665032	543,833395	653,712873	825,080697	875,767827
3515	316,87047	342,100498	454,920613	544,127418	654,058697	825,502929	876,211344
3516	317,070224	342,307041	455,176289	544,421547	654,404642	825,925305	876,65501
3517	317,270061	342,513668	455,432062	544,715782	654,75071	826,347826	877,098826
3518	317,469982	342,720378	455,68793	545,010123	655,0969	826,77049	877,542792
3519	317,669987	342,92717	455,943894	545,30457	655,443211	827,193299	877,986907
3520	317,870077	343,134046	456,199954	545,599123	655,789645	827,616252	878,431172
3521	318,07025	343,341006	456,45611	545,893782	656,136201	828,039348	878,875587
3522	318,270507	343,548048	456,712361	546,188547	656,482879	828,46259	879,320152
3523	318,470848	343,755174	456,968709	546,483419	656,829678	828,885975	879,764867
3524	318,671273	343,962382	457,225152	546,778396	657,1766	829,309504	880,209732
3525	318,871783	344,169674	457,481691	547,073479	657,523645	829,733178	880,654747
3526	319,072376	344,37705	457,738327	547,368669	657,870811	830,156996	881,099911
3527	319,273054	344,584508	457,995058	547,663965	658,218099	830,580958	881,545226
3528	319,473815	344,79205	458,251885	547,959367	658,56551	831,005065	881,990691
3529	319,674661	344,999676	458,508808	548,254875	658,913043	831,429316	882,436306
3530	319,875591	345,207384	458,765827	548,550489	659,260698	831,853711	882,88207
3531	320,076605	345,415176	459,022942	548,84621	659,608475	832,278251	883,327985
3532	320,277704	345,623051	459,280154	549,142037	659,956375	832,702935	883,77405
3533	320,478886	345,83101	459,537461	549,43797	660,304397	833,127764	884,220265

3534	320,680153	346,039052	459,794864	549,73401	660,652541	833,552737	884,666631
3535	320,881504	346,247178	460,052364	550,030156	661,000808	833,977854	885,113146
3536	321,082939	346,455387	460,30996	550,326408	661,349197	834,403116	885,559812
3537	321,284459	346,663679	460,567651	550,622766	661,697709	834,828523	886,006628
3538	321,486063	346,872055	460,825439	550,919231	662,046343	835,254074	886,453594
3539	321,687751	347,080514	461,083323	551,215802	662,395099	835,67977	886,900711
3540	321,889524	347,289057	461,341304	551,51248	662,743978	836,10561	887,347978
3541	322,09138	347,497684	461,59938	551,809264	663,092979	836,531595	887,795395
3542	322,293322	347,706393	461,857553	552,106155	663,442103	836,957725	888,242963
3543	322,495347	347,915187	462,115822	552,403152	663,791349	837,383999	888,690681
3544	322,697457	348,124064	462,374187	552,700255	664,140718	837,810418	889,138549
3545	322,899652	348,333025	462,632649	552,997465	664,490209	838,236982	889,586568
3546	323,101931	348,542069	462,891206	553,294782	664,839823	838,663691	890,034737
3547	323,304294	348,751197	463,149861	553,592205	665,18956	839,090544	890,483057
3548	323,506742	348,960408	463,408611	553,889735	665,539419	839,517542	890,931528
3549	323,709275	349,169703	463,667458	554,187371	665,889401	839,944685	891,380149
3550	323,911891	349,379082	463,926401	554,485114	666,239505	840,371973	891,82892
3551	324,114593	349,588544	464,185441	554,782964	666,589732	840,799406	892,277842
3552	324,317379	349,798091	464,444577	555,08092	666,940082	841,226984	892,726915
3553	324,520249	350,00772	464,703809	555,378983	667,290555	841,654706	893,176138
3554	324,723204	350,217434	464,963138	555,677152	667,64115	842,082574	893,625512
3555	324,926244	350,427231	465,222563	555,975428	667,991869	842,510587	894,075037
3556	325,129368	350,637113	465,482085	556,273811	668,34271	842,938744	894,524712
3557	325,332577	350,847078	465,741703	556,572301	668,693673	843,367047	894,974539
3558	325,535871	351,057126	466,001418	556,870897	669,04476	843,795494	895,424516
3559	325,739249	351,267259	466,26123	557,1696	669,39597	844,224087	895,874644
3560	325,942712	351,477475	466,521137	557,46841	669,747302	844,652825	896,324922
3561	326,14626	351,687776	466,781142	557,767327	670,098757	845,081708	896,775352
3562	326,349892	351,89816	467,041243	558,066351	670,450336	845,510736	897,225932
3563	326,55361	352,108628	467,301441	558,365481	670,802037	845,939909	897,676663
3564	326,757411	352,31918	467,561735	558,664719	671,153861	846,369228	898,127545
3565	326,961298	352,529815	467,822126	558,964063	671,505808	846,798692	898,578579
3566	327,16527	352,740535	468,082613	559,263514	671,857879	847,228301	899,029763
3567	327,369326	352,951339	468,343198	559,563072	672,210072	847,658055	899,481098
3568	327,573467	353,162227	468,603879	559,862737	672,562388	848,087955	899,932584
3569	327,777693	353,373198	468,864656	560,162509	672,914828	848,518	900,384221
3570	327,982004	353,584254	469,125531	560,462388	673,26739	848,94819	900,83601
3571	328,1864	353,795394	469,386502	560,762374	673,620076	849,378525	901,287949
3572	328,39088	354,006617	469,64757	561,062467	673,972885	849,809007	901,740039
3573	328,595446	354,217925	469,908735	561,362668	674,325816	850,239633	902,192281
3574	328,800096	354,429317	470,169996	561,662975	674,678872	850,670405	902,644674
3575	329,004832	354,640793	470,431354	561,963389	675,03205	851,101322	903,097218
3576	329,209652	354,852353	470,69281	562,26391	675,385352	851,532385	903,549913
3577	329,414557	355,063997	470,954362	562,564539	675,738776	851,963594	904,00276
3578	329,619548	355,275725	471,21601	562,865274	676,092324	852,394948	904,455758
3579	329,824623	355,487538	471,477756	563,166117	676,445996	852,826447	904,908907

3580	330,029784	355,699435	471,739599	563,467067	676,799791	853,258092	905,362207
3581	330,235029	355,911415	472,001539	563,768124	677,153709	853,689883	905,815659
3582	330,44036	356,12348	472,263575	564,069288	677,50775	854,121819	906,269262
3583	330,645776	356,33563	472,525709	564,37056	677,861915	854,553902	906,723017
3584	330,851276	356,547863	472,787939	564,671939	678,216203	854,986129	907,176923
3585	331,056862	356,760181	473,050267	564,973425	678,570615	855,418503	907,630981
3586	331,262533	356,972583	473,312691	565,275018	678,92515	855,851022	908,08519
3587	331,46829	357,185069	473,575213	565,576719	679,279808	856,283687	908,53955
3588	331,674131	357,39764	473,837831	565,878527	679,63459	856,716498	908,994062
3589	331,880058	357,610295	474,100547	566,180443	679,989496	857,149455	909,448726
3590	332,08607	357,823034	474,36336	566,482465	680,344525	857,582557	909,903541
3591	332,292167	358,035858	474,62627	566,784595	680,699678	858,015805	910,358508
3592	332,498349	358,248765	474,889277	567,086833	681,054954	858,4492	910,813626
3593	332,704617	358,461758	475,152381	567,389178	681,410354	858,88274	911,268896
3594	332,91097	358,674835	475,415582	567,69163	681,765877	859,316426	911,724318
3595	333,117408	358,887996	475,678881	567,99419	682,121524	859,750258	912,179891
3596	333,323931	359,101241	475,942276	568,296858	682,477295	860,184236	912,635617
3597	333,53054	359,314572	476,205769	568,599633	682,833189	860,61836	913,091494
3598	333,737234	359,527986	476,469359	568,902515	683,189207	861,05263	913,547522
3599	333,944014	359,741485	476,733047	569,205505	683,545349	861,487046	914,003703
3600	334,150879	359,955069	476,996831	569,508602	683,901615	861,921609	914,460035
3601	334,35783	360,168737	477,260713	569,811808	684,258004	862,356317	914,91652
3602	334,564865	360,382489	477,524693	570,11512	684,614517	862,791171	915,373156
3603	334,771987	360,596327	477,788769	570,41854	684,971154	863,226172	915,829944
3604	334,979193	360,810248	478,052943	570,722068	685,327915	863,661319	916,286884
3605	335,186486	361,024255	478,317214	571,025704	685,6848	864,096612	916,743976
3606	335,393863	361,238346	478,581583	571,329447	686,041808	864,532051	917,20122
3607	335,601327	361,452521	478,846049	571,633298	686,398941	864,967637	917,658616
3608	335,808876	361,666781	479,110613	571,937257	686,756197	865,403369	918,116164
3609	336,01651	361,881126	479,375273	572,241323	687,113577	865,839247	918,573864
3610	336,22423	362,095556	479,640032	572,545497	687,471082	866,275271	919,031716
3611	336,432035	362,31007	479,904888	572,849779	687,82871	866,711442	919,489721
3612	336,639926	362,524669	480,169841	573,154169	688,186462	867,14776	919,947877
3613	336,847903	362,739352	480,434892	573,458667	688,544338	867,584223	920,406186
3614	337,055966	362,954121	480,70004	573,763272	688,902339	868,020833	920,864646
3615	337,264114	363,168974	480,965286	574,067985	689,260463	868,45759	921,323259
3616	337,472347	363,383912	481,230629	574,372806	689,618712	868,894493	921,782025
3617	337,680667	363,598935	481,49607	574,677735	689,977084	869,331542	922,240942
3618	337,889072	363,814042	481,761609	574,982772	690,335581	869,768738	922,700012
3619	338,097563	364,029234	482,027245	575,287917	690,694202	870,206081	923,159234
3620	338,306139	364,244511	482,292979	575,593169	691,052947	870,64357	923,618609
3621	338,514802	364,459874	482,55881	575,89853	691,411816	871,081206	924,078136
3622	338,72355	364,67532	482,824739	576,203999	691,77081	871,518989	924,537815
3623	338,932384	364,890852	483,090766	576,509575	692,129927	871,956918	924,997646
3624	339,141304	365,106469	483,35689	576,81526	692,489169	872,394993	925,457631
3625	339,350309	365,32217	483,623113	577,121053	692,848536	872,833216	925,917767

3626	339,559401	365,537957	483,889433	577,426954	693,208026	873,271585	926,378056
3627	339,768578	365,753829	484,15585	577,732962	693,567641	873,710101	926,838498
3628	339,977841	365,969785	484,422366	578,039079	693,92738	874,148764	927,299092
3629	340,18719	366,185826	484,688979	578,345304	694,287244	874,587573	927,759839
3630	340,396625	366,401953	484,95569	578,651637	694,647232	875,02653	928,220738
3631	340,606146	366,618164	485,222499	578,958079	695,007345	875,465633	928,68179
3632	340,815753	366,834461	485,489406	579,264628	695,367581	875,904883	929,142994
3633	341,025446	367,050843	485,75641	579,571286	695,727943	876,34428	929,604352
3634	341,235225	367,267309	486,023513	579,878052	696,088429	876,783824	930,065862
3635	341,44509	367,483861	486,290713	580,184926	696,449039	877,223515	930,527524
3636	341,655041	367,700498	486,558011	580,491908	696,809774	877,663353	930,98934
3637	341,865078	367,91722	486,825407	580,798999	697,170633	878,103337	931,451308
3638	342,075201	368,134027	487,092902	581,106198	697,531617	878,543469	931,913429
3639	342,28541	368,350919	487,360494	581,413505	697,892726	878,983748	932,375702
3640	342,495705	368,567897	487,628184	581,720921	698,253959	879,424174	932,838129
3641	342,706087	368,784959	487,895972	582,028445	698,615317	879,864747	933,300709
3642	342,916554	369,002107	488,163858	582,336077	698,976799	880,305467	933,763441
3643	343,127108	369,21934	488,431842	582,643818	699,338406	880,746335	934,226326
3644	343,337748	369,436659	488,699924	582,951667	699,700138	881,187349	934,689365
3645	343,548474	369,654062	488,968105	583,259624	700,061994	881,628511	935,152556
3646	343,759286	369,871551	489,236383	583,56769	700,423976	882,06982	935,6159
3647	343,970184	370,089125	489,50476	583,875864	700,786082	882,511276	936,079397
3648	344,181169	370,306785	489,773234	584,184147	701,148312	882,952879	936,543048
3649	344,39224	370,524529	490,041807	584,492538	701,510668	883,39463	937,006851
3650	344,603397	370,74236	490,310478	584,801038	701,873148	883,836528	937,470808
3651	344,814641	370,960275	490,579247	585,109647	702,235754	884,278573	937,934917
3652	345,02597	371,178276	490,848114	585,418363	702,598484	884,720766	938,39918
3653	345,237387	371,396362	491,11708	585,727189	702,961339	885,163106	938,863596
3654	345,448889	371,614534	491,386144	586,036123	703,324319	885,605594	939,328165
3655	345,660478	371,832791	491,655306	586,345166	703,687423	886,048229	939,792888
3656	345,872153	372,051133	491,924566	586,654317	704,050653	886,491011	940,257763
3657	346,083915	372,269561	492,193925	586,963577	704,414008	886,933941	940,722792
3658	346,295763	372,488075	492,463382	587,272946	704,777488	887,377019	941,187974
3659	346,507697	372,706674	492,732937	587,582423	705,141093	887,820244	941,65331
3660	346,719718	372,925358	493,002591	587,892009	705,504822	888,263616	942,118799
3661	346,931826	373,144128	493,272343	588,201704	705,868677	888,707136	942,584441
3662	347,14402	373,362984	493,542193	588,511507	706,232657	889,150804	943,050237
3663	347,3563	373,581925	493,812142	588,82142	706,596762	889,594619	943,516186
3664	347,568667	373,800951	494,082189	589,131441	706,960992	890,038583	943,982289
3665	347,78112	374,020064	494,352334	589,44157	707,325348	890,482693	944,448545
3666	347,99366	374,239261	494,622578	589,751809	707,689828	890,926952	944,914954
3667	348,206287	374,458545	494,892921	590,062157	708,054434	891,371358	945,381517
3668	348,419	374,677914	495,163362	590,372613	708,419165	891,815912	945,848234
3669	348,6318	374,897369	495,433901	590,683178	708,784021	892,260614	946,315104
3670	348,844686	375,116909	495,704539	590,993852	709,149002	892,705463	946,782128
3671	349,05766	375,336535	495,975276	591,304635	709,514109	893,15046	947,249305

3672	349,270719	375,556247	496,246111	591,615527	709,879341	893,595606	947,716636
3673	349,483866	375,776045	496,517045	591,926528	710,244698	894,040899	948,184121
3674	349,697099	375,995928	496,788077	592,237638	710,610181	894,48634	948,65176
3675	349,910419	376,215897	497,059208	592,548857	710,975789	894,931929	949,119552
3676	350,123825	376,435952	497,330438	592,860185	711,341522	895,377666	949,587498
3677	350,337319	376,656093	497,601766	593,171622	711,707381	895,823551	950,055598
3678	350,550899	376,876319	497,873193	593,483168	712,073365	896,269583	950,523851
3679	350,764566	377,096631	498,144718	593,794823	712,439475	896,715764	950,992259
3680	350,978319	377,317029	498,416342	594,106587	712,80571	897,162093	951,46082
3681	351,19216	377,537513	498,688065	594,41846	713,17207	897,60857	951,929535
3682	351,406087	377,758083	498,959887	594,730443	713,538556	898,055195	952,398404
3683	351,620101	377,978739	499,231808	595,042534	713,905168	898,501969	952,867427
3684	351,834202	378,199481	499,503827	595,354735	714,271905	898,94889	953,336604
3685	352,04839	378,420308	499,775945	595,667045	714,638768	899,39596	953,805935
3686	352,262665	378,641222	500,048162	595,979464	715,005756	899,843178	954,27542
3687	352,477027	378,862221	500,320477	596,291992	715,37287	900,290544	954,745059
3688	352,691476	379,083307	500,592892	596,604629	715,74011	900,738058	955,214852
3689	352,906012	379,304478	500,865405	596,917376	716,107475	901,18572	955,684799
3690	353,120634	379,525736	501,138018	597,230232	716,474966	901,633531	956,154901
3691	353,335344	379,747079	501,410729	597,543198	716,842583	902,081491	956,625156
3692	353,550141	379,968509	501,683539	597,856272	717,210325	902,529598	957,095566
3693	353,765024	380,190024	501,956448	598,169456	717,578193	902,977854	957,566129
3694	353,979995	380,411626	502,229456	598,48275	717,946187	903,426258	958,036847
3695	354,195053	380,633314	502,502563	598,796152	718,314307	903,874811	958,507719
3696	354,410198	380,855088	502,775769	599,109665	718,682552	904,323512	958,978746
3697	354,62543	381,076948	503,049074	599,423286	719,050923	904,772362	959,449927
3698	354,840749	381,298894	503,322478	599,737017	719,419421	905,22136	959,921262
3699	355,056156	381,520926	503,595981	600,050857	719,788044	905,670507	960,392751
3700	355,271649	381,743045	503,869583	600,364807	720,156793	906,119802	960,864395
3701	355,48723	381,965249	504,143284	600,678867	720,525668	906,569246	961,336193
3702	355,702898	382,18754	504,417084	600,993036	720,894668	907,018838	961,808146
3703	355,918653	382,409917	504,690984	601,307314	721,263795	907,468579	962,280253
3704	356,134495	382,632381	504,964982	601,621702	721,633048	907,918469	962,752514
3705	356,350424	382,85493	505,23908	601,936199	722,002427	908,368507	963,22493
3706	356,566441	383,077566	505,513277	602,250807	722,371931	908,818694	963,6975
3707	356,782545	383,300288	505,787573	602,565523	722,741562	909,26903	964,170225
3708	356,998737	383,523097	506,061968	602,88035	723,111319	909,719514	964,643105
3709	357,215015	383,745992	506,336462	603,195286	723,481202	910,170147	965,116139
3710	357,431381	383,968973	506,611056	603,510331	723,851211	910,620929	965,589328
3711	357,647835	384,19204	506,885749	603,825486	724,221346	911,07186	966,062671
3712	357,864376	384,415194	507,160541	604,140751	724,591608	911,52294	966,53617
3713	358,081004	384,638435	507,435433	604,456126	724,961995	911,974168	967,009822
3714	358,297719	384,861761	507,710424	604,771611	725,332509	912,425546	967,48363
3715	358,514522	385,085174	507,985514	605,087205	725,703149	912,877072	967,957592
3716	358,731413	385,308674	508,260703	605,402909	726,073915	913,328747	968,431709
3717	358,94839	385,53226	508,535992	605,718723	726,444808	913,780571	968,905981

3718	359,165456	385,755933	508,811381	606,034646	726,815827	914,232545	969,380407
3719	359,382609	385,979692	509,086868	606,35068	727,186972	914,684667	969,854989
3720	359,599849	386,203537	509,362455	606,666823	727,558243	915,136938	970,329725
3721	359,817177	386,427469	509,638142	606,983076	727,929641	915,589359	970,804617
3722	360,034592	386,651488	509,913928	607,299439	728,301165	916,041928	971,279663
3723	360,252095	386,875593	510,189813	607,615912	728,672816	916,494646	971,754864
3724	360,469686	387,099785	510,465798	607,932495	729,044593	916,947514	972,23022
3725	360,687364	387,324063	510,741883	608,249188	729,416496	917,400531	972,705731
3726	360,90513	387,548428	511,018067	608,56599	729,788526	917,853697	973,181397
3727	361,122983	387,77288	511,29435	608,882903	730,160682	918,307012	973,657218
3728	361,340924	387,997418	511,570733	609,199926	730,532965	918,760477	974,133194
3729	361,558953	388,222043	511,847216	609,517059	730,905374	919,21409	974,609326
3730	361,777069	388,446754	512,123798	609,834301	731,27791	919,667853	975,085612
3731	361,995273	388,671552	512,40048	610,151654	731,650573	920,121766	975,562054
3732	362,213565	388,896437	512,677262	610,469117	732,023362	920,575827	976,03865
3733	362,431945	389,121409	512,954143	610,78669	732,396277	921,030038	976,515402
3734	362,650412	389,346468	513,231124	611,104374	732,769319	921,484398	976,992309
3735	362,868967	389,571613	513,508205	611,422167	733,142488	921,938908	977,469372
3736	363,08761	389,796845	513,785385	611,74007	733,515784	922,393567	977,94659
3737	363,306341	390,022164	514,062665	612,058084	733,889206	922,848376	978,423963
3738	363,525159	390,247569	514,340045	612,376208	734,262755	923,303334	978,901491
3739	363,744066	390,473062	514,617524	612,694442	734,636431	923,758442	979,379175
3740	363,96306	390,698641	514,895103	613,012786	735,010233	924,213699	979,857014
3741	364,182142	390,924307	515,172782	613,331241	735,384163	924,669106	980,335008
3742	364,401312	391,15006	515,450561	613,649805	735,758219	925,124662	980,813158
3743	364,62057	391,3759	515,72844	613,968481	736,132402	925,580368	981,291463
3744	364,839916	391,601827	516,006419	614,287266	736,506711	926,036223	981,769924
3745	365,05935	391,82784	516,284497	614,606162	736,881148	926,492228	982,24854
3746	365,278871	392,053941	516,562675	614,925168	737,255711	926,948383	982,727312
3747	365,498481	392,280129	516,840954	615,244284	737,630402	927,404688	983,206239
3748	365,718179	392,506403	517,119332	615,563511	738,005219	927,861142	983,685322
3749	365,937965	392,732765	517,39781	615,882848	738,380163	928,317746	984,164561
3750	366,157839	392,959214	517,676388	616,202296	738,755235	928,7745	984,643955
3751	366,377801	393,185749	517,955066	616,521854	739,130433	929,231403	985,123505
3752	366,59785	393,412372	518,233844	616,841523	739,505758	929,688457	985,60321
3753	366,817989	393,639082	518,512722	617,161302	739,88121	930,14566	986,083072
3754	367,038215	393,865879	518,7917	617,481191	740,25679	930,603013	986,563088
3755	367,258529	394,092763	519,070778	617,801191	740,632496	931,060516	987,043261
3756	367,478931	394,319734	519,349957	618,121302	741,00833	931,518169	987,52359
3757	367,699422	394,546792	519,629235	618,441523	741,38429	931,975972	988,004074
3758	367,920001	394,773937	519,908613	618,761855	741,760378	932,433925	988,484714
3759	368,140668	395,00117	520,188092	619,082297	742,136593	932,892028	988,96551
3760	368,361423	395,22849	520,46767	619,40285	742,512935	933,350281	989,446462
3761	368,582266	395,455897	520,747349	619,723514	742,889405	933,808683	989,927569
3762	368,803198	395,683391	521,027128	620,044288	743,266001	934,267236	990,408833
3763	369,024218	395,910972	521,307007	620,365173	743,642725	934,725939	990,890253

3764	369,245326	396,138641	521,586987	620,686168	744,019576	935,184793	991,371828
3765	369,466523	396,366396	521,867066	621,007275	744,396554	935,643796	991,85356
3766	369,687808	396,59424	522,147246	621,328492	744,77366	936,102949	992,335448
3767	369,909181	396,82217	522,427526	621,649819	745,150893	936,562253	992,817491
3768	370,130642	397,050188	522,707907	621,971258	745,528254	937,021707	993,299691
3769	370,352192	397,278293	522,988387	622,292807	745,905741	937,481311	993,782047
3770	370,573831	397,506485	523,268968	622,614467	746,283357	937,941066	994,264559
3771	370,795557	397,734765	523,54965	622,936238	746,661099	938,40097	994,747227
3772	371,017372	397,963132	523,830432	623,25812	747,038969	938,861025	995,230052
3773	371,239276	398,191587	524,111314	623,580113	747,416967	939,321231	995,713032
3774	371,461268	398,420129	524,392296	623,902216	747,795092	939,781586	996,196169
3775	371,683349	398,648758	524,673379	624,224431	748,173344	940,242092	996,679462
3776	371,905518	398,877475	524,954562	624,546756	748,551724	940,702749	997,162911
3777	372,127775	399,106279	525,235846	624,869192	748,930232	941,163556	997,646517
3778	372,350121	399,335171	525,51723	625,19174	749,308867	941,624513	998,130279
3779	372,572556	399,56415	525,798715	625,514398	749,68763	942,085621	998,614197
3780	372,795079	399,793217	526,0803	625,837167	750,06652	942,546879	999,098272
3781	373,017691	400,022372	526,361986	626,160047	750,445539	943,008288	999,582503
3782	373,240391	400,251613	526,643772	626,483039	750,824684	943,469848	1000,06689
3783	373,46318	400,480943	526,925659	626,806141	751,203958	943,931558	1000,55143
3784	373,686058	400,71036	527,207646	627,129354	751,583359	944,393419	1001,03614
3785	373,909024	400,939865	527,489734	627,452679	751,962887	944,85543	1001,52099
3786	374,132079	401,169457	527,771923	627,776114	752,342544	945,317592	1002,00601
3787	374,355223	401,399137	528,054212	628,099661	752,722328	945,779904	1002,49118
3788	374,578455	401,628904	528,336602	628,423319	753,10224	946,242368	1002,9765
3789	374,801776	401,858759	528,619092	628,747088	753,48228	946,704982	1003,46199
3790	375,025186	402,088702	528,901683	629,070968	753,862448	947,167747	1003,94763
3791	375,248685	402,318733	529,184375	629,39496	754,242744	947,630662	1004,43342
3792	375,472272	402,548851	529,467168	629,719062	754,623167	948,093729	1004,91938
3793	375,695948	402,779057	529,750061	630,043276	755,003719	948,556946	1005,40549
3794	375,919713	403,009351	530,033055	630,367601	755,384398	949,020314	1005,89175
3795	376,143567	403,239733	530,31615	630,692038	755,765205	949,483833	1006,37818
3796	376,36751	403,470202	530,599345	631,016586	756,14614	949,947503	1006,86476
3797	376,591541	403,700759	530,882642	631,341245	756,527204	950,411324	1007,35149
3798	376,815662	403,931404	531,166039	631,666015	756,908395	950,875296	1007,83839
3799	377,039871	404,162137	531,449537	631,990897	757,289714	951,339418	1008,32544
3800	377,264169	404,392957	531,733136	632,31589	757,671161	951,803692	1008,81265
3801	377,488557	404,623866	532,016836	632,640995	758,052737	952,268117	1009,30001
3802	377,713033	404,854862	532,300636	632,96621	758,43444	952,732693	1009,78753
3803	377,937598	405,085946	532,584538	633,291538	758,816272	953,19742	1010,27521
3804	378,162252	405,317119	532,86854	633,616977	759,198231	953,662298	1010,76305
3805	378,386995	405,548379	533,152644	633,942527	759,580319	954,127327	1011,25104
3806	378,611827	405,779727	533,436848	634,268189	759,962535	954,592507	1011,73919
3807	378,836748	406,011163	533,721153	634,593962	760,344879	955,057838	1012,2275
3808	379,061759	406,242687	534,00556	634,919847	760,727352	955,523321	1012,71596
3809	379,286858	406,474299	534,290067	635,245843	761,109952	955,988955	1013,20458

3810	379,512046	406,705999	534,574676	635,571951	761,492681	956,45474	1013,69336
3811	379,737324	406,937787	534,859385	635,898171	761,875538	956,920676	1014,18229
3812	379,962691	407,169663	535,144196	636,224502	762,258524	957,386764	1014,67139
3813	380,188146	407,401627	535,429107	636,550945	762,641638	957,853003	1015,16064
3814	380,413691	407,633679	535,71412	636,877499	763,02488	958,319393	1015,65004
3815	380,639326	407,86582	535,999234	637,204165	763,40825	958,785935	1016,13961
3816	380,865049	408,098048	536,284449	637,530943	763,791749	959,252628	1016,62933
3817	381,090862	408,330365	536,569765	637,857833	764,175377	959,719473	1017,11921
3818	381,316763	408,56277	536,855183	638,184834	764,559132	960,186469	1017,60924
3819	381,542755	408,795263	537,140701	638,511947	764,943017	960,653616	1018,09944
3820	381,768835	409,027844	537,426321	638,839172	765,327029	961,120915	1018,58979
3821	381,995005	409,260513	537,712042	639,166508	765,711171	961,588366	1019,0803
3822	382,221264	409,493271	537,997864	639,493956	766,09544	962,055968	1019,57096
3823	382,447612	409,726116	538,283788	639,821516	766,479839	962,523721	1020,06178
3824	382,674049	409,95905	538,569813	640,149188	766,864366	962,991626	1020,55276
3825	382,900576	410,192073	538,855939	640,476972	767,249021	963,459683	1021,0439
3826	383,127193	410,425183	539,142166	640,804868	767,633805	963,927891	1021,5352
3827	383,353899	410,658382	539,428495	641,132875	768,018718	964,396251	1022,02665
3828	383,580694	410,891669	539,714925	641,460995	768,403759	964,864763	1022,51826
3829	383,807578	411,125045	540,001457	641,789226	768,788929	965,333427	1023,01003
3830	384,034552	411,358509	540,288089	642,11757	769,174228	965,802242	1023,50196
3831	384,261616	411,592061	540,574824	642,446025	769,559655	966,271209	1023,99404
3832	384,488769	411,825701	540,86166	642,774592	769,945211	966,740328	1024,48628
3833	384,716011	412,05943	541,148597	643,103272	770,330896	967,209598	1024,97868
3834	384,943343	412,293248	541,435635	643,432063	770,71671	967,679021	1025,47124
3835	385,170765	412,527154	541,722776	643,760966	771,102652	968,148595	1025,96395
3836	385,398276	412,761148	542,010017	644,089982	771,488723	968,618321	1026,45683
3837	385,625877	412,995231	542,29736	644,419109	771,874923	969,088199	1026,94986
3838	385,853567	413,229402	542,584805	644,748349	772,261252	969,558229	1027,44305
3839	386,081347	413,463662	542,872351	645,077701	772,64771	970,028411	1027,93639
3840	386,309217	413,69801	543,159999	645,407165	773,034297	970,498745	1028,4299
3841	386,537176	413,932447	543,447749	645,736741	773,421013	970,969231	1028,92356
3842	386,765225	414,166972	543,7356	646,066429	773,807857	971,439869	1029,41738
3843	386,993363	414,401586	544,023552	646,396229	774,194831	971,910659	1029,91136
3844	387,221591	414,636289	544,311607	646,726142	774,581934	972,381601	1030,40549
3845	387,449909	414,87108	544,599763	647,056167	774,969165	972,852695	1030,89979
3846	387,678317	415,10596	544,88802	647,386304	775,356526	973,323941	1031,39424
3847	387,906814	415,340928	545,17638	647,716553	775,744016	973,79534	1031,88885
3848	388,135401	415,575985	545,464841	648,046915	776,131635	974,266891	1032,38362
3849	388,364078	415,811131	545,753403	648,377389	776,519382	974,738594	1032,87854
3850	388,592845	416,046365	546,042068	648,707975	776,907259	975,210449	1033,37363
3851	388,821702	416,281688	546,330834	649,038674	777,295266	975,682456	1033,86887
3852	389,050648	416,5171	546,619702	649,369485	777,683401	976,154616	1034,36427
3853	389,279684	416,752601	546,908672	649,700409	778,071665	976,626928	1034,85983
3854	389,50881	416,98819	547,197744	650,031445	778,460059	977,099392	1035,35555
3855	389,738026	417,223868	547,486918	650,362593	778,848582	977,572009	1035,85142

3856	389,967332	417,459635	547,776193	650,693854	779,237234	978,044778	1036,34746
3857	390,196728	417,695491	548,065571	651,025227	779,626016	978,517699	1036,84365
3858	390,426214	417,931435	548,35505	651,356713	780,014927	978,990773	1037,34
3859	390,65579	418,167468	548,644631	651,688311	780,403967	979,463999	1037,83651
3860	390,885456	418,403591	548,934314	652,020022	780,793136	979,937378	1038,33318
3861	391,115211	418,639802	549,224099	652,351845	781,182435	980,410909	1038,83
3862	391,345057	418,876101	549,513986	652,683781	781,571863	980,884593	1039,32699
3863	391,574993	419,11249	549,803975	653,015829	781,961421	981,358429	1039,82413
3864	391,805019	419,348968	550,094066	653,34799	782,351108	981,832418	1040,32143
3865	392,035134	419,585535	550,384259	653,680264	782,740924	982,30656	1040,81889
3866	392,26534	419,82219	550,674554	654,01265	783,13087	982,780854	1041,31651
3867	392,495637	420,058935	550,964951	654,345149	783,520945	983,255301	1041,81429
3868	392,726023	420,295768	551,25545	654,67776	783,91115	983,7299	1042,31222
3869	392,956499	420,532691	551,546051	655,010485	784,301485	984,204652	1042,81031
3870	393,187066	420,769703	551,836755	655,343322	784,691949	984,679557	1043,30857
3871	393,417722	421,006803	552,12756	655,676271	785,082542	985,154615	1043,80698
3872	393,648469	421,243993	552,418468	656,009334	785,473265	985,629825	1044,30555
3873	393,879306	421,481272	552,709478	656,342509	785,864118	986,105188	1044,80428
3874	394,110233	421,71864	553,00059	656,675797	786,255101	986,580704	1045,30317
3875	394,341251	421,956097	553,291804	657,009198	786,646213	987,056373	1045,80221
3876	394,572359	422,193643	553,58312	657,342712	787,037454	987,532195	1046,30142
3877	394,803557	422,431278	553,874539	657,676338	787,428826	988,008169	1046,80078
3878	395,034845	422,669002	554,16606	658,010078	787,820327	988,484297	1047,30031
3879	395,266224	422,906816	554,457683	658,34393	788,211958	988,960577	1047,79999
3880	395,497693	423,144718	554,749409	658,677895	788,603718	989,437011	1048,29983
3881	395,729252	423,38271	555,041237	659,011973	788,995609	989,913597	1048,79983
3882	395,960902	423,620791	555,333167	659,346164	789,387629	990,390336	1049,29999
3883	396,192642	423,858962	555,625199	659,680468	789,779779	990,867229	1049,8003
3884	396,424472	424,097221	555,917334	660,014885	790,172059	991,344274	1050,30078
3885	396,656393	424,33557	556,209571	660,349415	790,564469	991,821473	1050,80142
3886	396,888405	424,574009	556,501911	660,684058	790,957009	992,298825	1051,30221
3887	397,120506	424,812536	556,794353	661,018815	791,349679	992,77633	1051,80317
3888	397,352699	425,051153	557,086897	661,353684	791,742478	993,253988	1052,30428
3889	397,584982	425,289859	557,379544	661,688666	792,135408	993,731799	1052,80555
3890	397,817355	425,528655	557,672293	662,023761	792,528467	994,209763	1053,30698
3891	398,049819	425,767539	557,965145	662,35897	792,921657	994,687881	1053,80857
3892	398,282373	426,006514	558,2581	662,694291	793,314976	995,166152	1054,31032
3893	398,515018	426,245577	558,551157	663,029726	793,708426	995,644576	1054,81223
3894	398,747753	426,48473	558,844316	663,365274	794,102006	996,123154	1055,3143
3895	398,980579	426,723973	559,137578	663,700935	794,495715	996,601884	1055,81653
3896	399,213496	426,963305	559,430943	664,036709	794,889555	997,080769	1056,31891
3897	399,446503	427,202726	559,72441	664,372596	795,283525	997,559806	1056,82146
3898	399,679601	427,442237	560,01798	664,708597	795,677625	998,038997	1057,32417
3899	399,91279	427,681838	560,311652	665,044711	796,071856	998,518342	1057,82703
3900	400,146069	427,921528	560,605427	665,380938	796,466216	998,997839	1058,33006
3901	400,379439	428,161307	560,899305	665,717279	796,860707	999,477491	1058,83324

3902	400,6129	428,401176	561,193285	666,053733	797,255328	999,957296	1059,33658
3903	400,846452	428,641135	561,487368	666,3903	797,650079	1000,43725	1059,84008
3904	401,080094	428,881183	561,781554	666,726981	798,044961	1000,91737	1060,34375
3905	401,313827	429,121321	562,075843	667,063775	798,439973	1001,39763	1060,84757
3906	401,547651	429,361548	562,370234	667,400682	798,835115	1001,87805	1061,35155
3907	401,781565	429,601865	562,664728	667,737703	799,230387	1002,35862	1061,85569
3908	402,015571	429,842272	562,959325	668,074837	799,62579	1002,83935	1062,35999
3909	402,249667	430,082769	563,254025	668,412085	800,021323	1003,32023	1062,86445
3910	402,483854	430,323355	563,548827	668,749446	800,416987	1003,80126	1063,36907
3911	402,718132	430,56403	563,843733	669,086921	800,812781	1004,28245	1063,87385
3912	402,952501	430,804796	564,138741	669,424509	801,208706	1004,76379	1064,37879
3913	403,186961	431,045651	564,433852	669,762211	801,604761	1005,24529	1064,88389
3914	403,421511	431,286596	564,729066	670,100026	802,000946	1005,72694	1065,38915
3915	403,656153	431,527631	565,024383	670,437955	802,397262	1006,20874	1065,89457
3916	403,890886	431,768756	565,319803	670,775998	802,793709	1006,6907	1066,40015
3917	404,125709	432,00997	565,615326	671,114154	803,190286	1007,17281	1066,90588
3918	404,360624	432,251274	565,910952	671,452423	803,586994	1007,65507	1067,41178
3919	404,59563	432,492668	566,20668	671,790807	803,983832	1008,13749	1067,91784
3920	404,830726	432,734152	566,502512	672,129304	804,380801	1008,62006	1068,42406
3921	405,065914	432,975726	566,798447	672,467915	804,777901	1009,10279	1068,93044
3922	405,301193	433,21739	567,094485	672,806639	805,175131	1009,58567	1069,43697
3923	405,536563	433,459143	567,390626	673,145477	805,572492	1010,0687	1069,94367
3924	405,772024	433,700987	567,68687	673,484429	805,969984	1010,55189	1070,45053
3925	406,007576	433,94292	567,983217	673,823495	806,367606	1011,03523	1070,95755
3926	406,243219	434,184943	568,279667	674,162674	806,765359	1011,51873	1071,46473
3927	406,478953	434,427057	568,576221	674,501967	807,163243	1012,00238	1071,97207
3928	406,714779	434,66926	568,872877	674,841374	807,561258	1012,48618	1072,47956
3929	406,950696	434,911553	569,169637	675,180895	807,959404	1012,97014	1072,98722
3930	407,186704	435,153937	569,4665	675,52053	808,35768	1013,45426	1073,49504
3931	407,422803	435,39641	569,763466	675,860279	808,756087	1013,93852	1074,00302
3932	407,658994	435,638974	570,060535	676,200141	809,154626	1014,42294	1074,51116
3933	407,895275	435,881627	570,357708	676,540118	809,553295	1014,90752	1075,01946
3934	408,131648	436,124371	570,654984	676,880208	809,952095	1015,39225	1075,52792
3935	408,368113	436,367205	570,952363	677,220412	810,351026	1015,87713	1076,03654
3936	408,604668	436,610128	571,249845	677,560731	810,750087	1016,36217	1076,54532
3937	408,841315	436,853142	571,547431	677,901163	811,14928	1016,84737	1077,05426
3938	409,078054	437,096247	571,84512	678,241709	811,548604	1017,33271	1077,56336
3939	409,314883	437,339441	572,142912	678,58237	811,948059	1017,81822	1078,07262
3940	409,551804	437,582725	572,440808	678,923144	812,347645	1018,30387	1078,58204
3941	409,788817	437,8261	572,738807	679,264033	812,747362	1018,78968	1079,09162
3942	410,025921	438,069565	573,03691	679,605035	813,147211	1019,27565	1079,60137
3943	410,263116	438,31312	573,335116	679,946152	813,54719	1019,76177	1080,11127
3944	410,500403	438,556766	573,633425	680,287383	813,9473	1020,24804	1080,62133
3945	410,737781	438,800501	573,931838	680,628727	814,347542	1020,73447	1081,13156
3946	410,975251	439,044327	574,230354	680,970187	814,747915	1021,22105	1081,64194
3947	411,212813	439,288244	574,528974	681,31176	815,148419	1021,70779	1082,15249

3948	411,450465	439,53225	574,827698	681,653447	815,549054	1022,19469	1082,66319
3949	411,68821	439,776347	575,126524	681,995249	815,949821	1022,68173	1083,17406
3950	411,926046	440,020535	575,425455	682,337165	816,350718	1023,16893	1083,68509
3951	412,163973	440,264812	575,724489	682,679195	816,751747	1023,65629	1084,19628
3952	412,401992	440,50918	576,023626	683,02134	817,152908	1024,1438	1084,70763
3953	412,640103	440,753639	576,322867	683,363598	817,5542	1024,63147	1085,21914
3954	412,878306	440,998188	576,622212	683,705972	817,955623	1025,11929	1085,73081
3955	413,1166	441,242827	576,921661	684,048459	818,357177	1025,60727	1086,24264
3956	413,354985	441,487557	577,221213	684,391061	818,758863	1026,0954	1086,75463
3957	413,593463	441,732377	577,520868	684,733777	819,16068	1026,58368	1087,26678
3958	413,832032	441,977288	577,820628	685,076608	819,562629	1027,07212	1087,7791
3959	414,070693	442,222289	578,120491	685,419552	819,964709	1027,56072	1088,29157
3960	414,309445	442,467381	578,420458	685,762612	820,366921	1028,04947	1088,80421
3961	414,548289	442,712564	578,720528	686,105786	820,769264	1028,53837	1089,317
3962	414,787226	442,957837	579,020703	686,449074	821,171739	1029,02743	1089,82996
3963	415,026253	443,2032	579,320981	686,792477	821,574345	1029,51665	1090,34308
3964	415,265373	443,448654	579,621363	687,135994	821,977083	1030,00602	1090,85636
3965	415,504585	443,694199	579,921849	687,479626	822,379952	1030,49554	1091,3698
3966	415,743888	443,939834	580,222438	687,823372	822,782953	1030,98522	1091,8834
3967	415,983283	444,18556	580,523132	688,167233	823,186086	1031,47506	1092,39716
3968	416,222771	444,431377	580,823929	688,511209	823,58935	1031,96505	1092,91109
3969	416,46235	444,677284	581,12483	688,855299	823,992746	1032,4552	1093,42517
3970	416,70202	444,923282	581,425835	689,199504	824,396274	1032,9455	1093,93942
3971	416,941783	445,169371	581,726944	689,543823	824,799933	1033,43595	1094,45383
3972	417,181638	445,41555	582,028157	689,888257	825,203724	1033,92656	1094,9684
3973	417,421585	445,66182	582,329474	690,232806	825,607647	1034,41733	1095,48313
3974	417,661624	445,908181	582,630895	690,57747	826,011702	1034,90825	1095,99802
3975	417,901755	446,154633	582,93242	690,922248	826,415889	1035,39933	1096,51307
3976	418,141977	446,401175	583,234049	691,267141	826,820207	1035,89056	1097,02828
3977	418,382292	446,647809	583,535782	691,612148	827,224657	1036,38195	1097,54366
3978	418,622699	446,894533	583,837619	691,957271	827,629239	1036,87349	1098,0592
3979	418,863198	447,141348	584,13956	692,302508	828,033953	1037,36519	1098,57489
3980	419,103789	447,388254	584,441605	692,64786	828,438799	1037,85705	1099,09075
3981	419,344473	447,63525	584,743754	692,993327	828,843777	1038,34906	1099,60677
3982	419,585248	447,882338	585,046008	693,338909	829,248887	1038,84122	1100,12296
3983	419,826115	448,129516	585,348365	693,684605	829,654129	1039,33354	1100,6393
3984	420,067075	448,376786	585,650827	694,030417	830,059503	1039,82602	1101,15581
3985	420,308127	448,624146	585,953393	694,376343	830,465008	1040,31865	1101,67247
3986	420,549271	448,871598	586,256063	694,722384	830,870646	1040,81144	1102,1893
3987	420,790507	449,11914	586,558837	695,068541	831,276416	1041,30438	1102,70629
3988	421,031836	449,366773	586,861716	695,414812	831,682318	1041,79748	1103,22344
3989	421,273256	449,614497	587,164698	695,761198	832,088352	1042,29073	1103,74076
3990	421,514769	449,862313	587,467785	696,107699	832,494518	1042,78414	1104,25823
3991	421,756375	450,110219	587,770976	696,454316	832,900817	1043,27771	1104,77587
3992	421,998072	450,358217	588,074272	696,801047	833,307247	1043,77143	1105,29367
3993	422,239862	450,606305	588,377672	697,147893	833,71381	1044,2653	1105,81163

3994	422,481744	450,854485	588,681176	697,494855	834,120505	1044,75934	1106,32975
3995	422,723719	451,102755	588,984785	697,841931	834,527332	1045,25352	1106,84804
3996	422,965786	451,351117	589,288498	698,189123	834,934292	1045,74787	1107,36648
3997	423,207945	451,59957	589,592315	698,53643	835,341384	1046,24237	1107,88509
3998	423,450197	451,848114	589,896237	698,883852	835,748608	1046,73702	1108,40386
3999	423,692541	452,09675	590,200263	699,231389	836,155964	1047,23184	1108,92279
4000	423,934978	452,345476	590,504393	699,579041	836,563453	1047,7268	1109,44189
4001	424,177507	452,594294	590,808628	699,926809	836,971074	1048,22193	1109,96114
4002	424,420129	452,843203	591,112968	700,274691	837,378828	1048,71721	1110,48056
4003	424,662843	453,092203	591,417412	700,622689	837,786714	1049,21264	1111,00014
4004	424,905649	453,341295	591,721961	700,970803	838,194732	1049,70823	1111,51988
4005	425,148549	453,590477	592,026614	701,319031	838,602883	1050,20398	1112,03978
4006	425,39154	453,839751	592,331371	701,667375	839,011166	1050,69989	1112,55985
4007	425,634625	454,089117	592,636234	702,015834	839,419582	1051,19594	1113,08008
4008	425,877801	454,338573	592,9412	702,364409	839,82813	1051,69216	1113,60047
4009	426,121071	454,588121	593,246272	702,713099	840,236811	1052,18853	1114,12102
4010	426,364433	454,837761	593,551448	703,061904	840,645624	1052,68506	1114,64173
4011	426,607888	455,087491	593,856728	703,410825	841,05457	1053,18174	1115,16261
4012	426,851435	455,337313	594,162114	703,759861	841,463649	1053,67859	1115,68365
4013	427,095075	455,587227	594,467604	704,109013	841,87286	1054,17558	1116,20485
4014	427,338808	455,837232	594,773198	704,45828	842,282204	1054,67274	1116,72622
4015	427,582633	456,087328	595,078898	704,807662	842,69168	1055,17004	1117,24774
4016	427,826552	456,337516	595,384702	705,15716	843,10129	1055,66751	1117,76943
4017	428,070563	456,587796	595,690611	705,506774	843,511032	1056,16513	1118,29128
4018	428,314666	456,838166	595,996625	705,856503	843,920906	1056,66291	1118,81329
4019	428,558863	457,088629	596,302743	706,206348	844,330914	1057,16084	1119,33547
4020	428,803152	457,339183	596,608966	706,556308	844,741054	1057,65894	1119,85781
4021	429,047534	457,589828	596,915294	706,906384	845,151327	1058,15718	1120,38031
4022	429,292009	457,840565	597,221727	707,256575	845,561733	1058,65559	1120,90297
4023	429,536577	458,091394	597,528265	707,606882	845,972271	1059,15415	1121,42579
4024	429,781238	458,342314	597,834907	707,957305	846,382943	1059,65286	1121,94878
4025	430,025991	458,593326	598,141655	708,307843	846,793747	1060,15174	1122,47193
4026	430,270838	458,844429	598,448507	708,658497	847,204684	1060,65077	1122,99525
4027	430,515777	459,095624	598,755465	709,009267	847,615755	1061,14995	1123,51872
4028	430,760809	459,346911	599,062527	709,360153	848,026958	1061,6493	1124,04236
4029	431,005935	459,598289	599,369694	709,711154	848,438294	1062,1488	1124,56616
4030	431,251153	459,849759	599,676967	710,062271	848,849763	1062,64845	1125,09012
4031	431,496464	460,101321	599,984344	710,413504	849,261365	1063,14827	1125,61425
4032	431,741868	460,352975	600,291826	710,764853	849,6731	1063,64824	1126,13854
4033	431,987366	460,60472	600,599413	711,116317	850,084969	1064,14836	1126,66299
4034	432,232956	460,856557	600,907106	711,467897	850,49697	1064,64865	1127,18761
4035	432,478639	461,108486	601,214903	711,819594	850,909104	1065,14909	1127,71238
4036	432,724416	461,360506	601,522806	712,171406	851,321372	1065,64968	1128,23732
4037	432,970285	461,612619	601,830813	712,523334	851,733773	1066,15044	1128,76243
4038	433,216248	461,864823	602,138926	712,875377	852,146306	1066,65135	1129,28769
4039	433,462304	462,117119	602,447144	713,227537	852,558973	1067,15242	1129,81312

4040	433,708453	462,369507	602,755467	713,579813	852,971774	1067,65364	1130,33872
4041	433,954695	462,621987	603,063895	713,932205	853,384707	1068,15502	1130,86447
4042	434,20103	462,874558	603,372429	714,284713	853,797774	1068,65656	1131,39039
4043	434,447459	463,127222	603,681067	714,637336	854,210974	1069,15825	1131,91647
4044	434,693981	463,379978	603,989811	714,990076	854,624307	1069,66011	1132,44271
4045	434,940595	463,632825	604,29866	715,342932	855,037774	1070,16212	1132,96912
4046	435,187304	463,885765	604,607615	715,695904	855,451374	1070,66428	1133,49569
4047	435,434105	464,138796	604,916674	716,048992	855,865107	1071,1666	1134,02243
4048	435,681	464,39192	605,225839	716,402196	856,278973	1071,66909	1134,54932
4049	435,927988	464,645135	605,535109	716,755516	856,692973	1072,17172	1135,07638
4050	436,17507	464,898442	605,844485	717,108953	857,107107	1072,67452	1135,6036
4051	436,422244	465,151842	606,153966	717,462505	857,521374	1073,17747	1136,13099
4052	436,669513	465,405334	606,463552	717,816174	857,935774	1073,68058	1136,65854
4053	436,916874	465,658917	606,773244	718,169959	858,350308	1074,18384	1137,18625
4054	437,164329	465,912593	607,083041	718,52386	858,764975	1074,68727	1137,71413
4055	437,411877	466,166361	607,392944	718,877878	859,179776	1075,19085	1138,24217
4056	437,659519	466,420221	607,702952	719,232011	859,594711	1075,69459	1138,77037
4057	437,907254	466,674173	608,013066	719,586261	860,009779	1076,19848	1139,29874
4058	438,155083	466,928217	608,323285	719,940628	860,42498	1076,70253	1139,82727
4059	438,403005	467,182354	608,633609	720,29511	860,840316	1077,20674	1140,35596
4060	438,651021	467,436583	608,944039	720,649709	861,255785	1077,71111	1140,88482
4061	438,89913	467,690904	609,254575	721,004425	861,671387	1078,21564	1141,41384
4062	439,147333	467,945317	609,565216	721,359256	862,087123	1078,72032	1141,94302
4063	439,395629	468,199822	609,875962	721,714204	862,502993	1079,22516	1142,47237
4064	439,644019	468,45442	610,186815	722,069269	862,918997	1079,73016	1143,00188
4065	439,892503	468,70911	610,497773	722,42445	863,335134	1080,23531	1143,53155
4066	440,14108	468,963892	610,808836	722,779747	863,751405	1080,74062	1144,06139
4067	440,389751	469,218766	611,120005	723,135161	864,16781	1081,24609	1144,59139
4068	440,638515	469,473733	611,43128	723,490692	864,584349	1081,75172	1145,12156
4069	440,887373	469,728793	611,742661	723,846338	865,001021	1082,2575	1145,65189
4070	441,136325	469,983944	612,054147	724,202102	865,417828	1082,76345	1146,18238
4071	441,38537	470,239188	612,365739	724,557982	865,834768	1083,26955	1146,71303
4072	441,634509	470,494524	612,677436	724,913978	866,251842	1083,7758	1147,24385
4073	441,883742	470,749953	612,98924	725,270091	866,66905	1084,28222	1147,77484
4074	442,133069	471,005474	613,301149	725,626321	867,086392	1084,78879	1148,30599
4075	442,382489	471,261088	613,613164	725,982668	867,503868	1085,29552	1148,8373
4076	442,632003	471,516794	613,925285	726,339131	867,921478	1085,80241	1149,36877
4077	442,881611	471,772593	614,237511	726,69571	868,339222	1086,30946	1149,90041
4078	443,131313	472,028484	614,549844	727,052407	868,7571	1086,81667	1150,43221
4079	443,381108	472,284467	614,862282	727,40922	869,175112	1087,32403	1150,96418
4080	443,630998	472,540544	615,174826	727,766149	869,593258	1087,83155	1151,49631
4081	443,880981	472,796712	615,487476	728,123196	870,011539	1088,33923	1152,02861
4082	444,131059	473,052974	615,800232	728,480359	870,429953	1088,84706	1152,56107
4083	444,38123	473,309327	616,113094	728,837639	870,848501	1089,35506	1153,09369
4084	444,631495	473,565774	616,426062	729,195036	871,267184	1089,86321	1153,62648
4085	444,881854	473,822313	616,739136	729,55255	871,686001	1090,37152	1154,15943

4086	445,132307	474,078944	617,052316	729,91018	872,104952	1090,87999	1154,69254
4087	445,382854	474,335669	617,365602	730,267928	872,524037	1091,38861	1155,22582
4088	445,633495	474,592486	617,678993	730,625792	872,943256	1091,8974	1155,75927
4089	445,88423	474,849395	617,992491	730,983773	873,36261	1092,40634	1156,29287
4090	446,135059	475,106398	618,306095	731,341871	873,782098	1092,91544	1156,82665
4091	446,385982	475,363493	618,619805	731,700086	874,20172	1093,4247	1157,36058
4092	446,636999	475,620681	618,933621	732,058418	874,621476	1093,93411	1157,89468
4093	446,88811	475,877961	619,247544	732,416867	875,041367	1094,44369	1158,42895
4094	447,139315	476,135335	619,561572	732,775433	875,461393	1094,95342	1158,96338
4095	447,390615	476,392801	619,875706	733,134116	875,881552	1095,46331	1159,49797
4096	447,642008	476,65036	620,189947	733,492916	876,301846	1095,97336	1160,03273
4097	447,893496	476,908011	620,504294	733,851833	876,722275	1096,48357	1160,56765
4098	448,145078	477,165756	620,818747	734,210867	877,142838	1096,99394	1161,10274
4099	448,396754	477,423593	621,133306	734,570018	877,563535	1097,50446	1161,63799
4100	448,648524	477,681524	621,447972	734,929286	877,984367	1098,01514	1162,1734
4101	448,900389	477,939547	621,762744	735,288671	878,405334	1098,52599	1162,70898
4102	449,152348	478,197663	622,077622	735,648174	878,826435	1099,03699	1163,24473
4103	449,404401	478,455872	622,392606	736,007793	879,24767	1099,54814	1163,78064
4104	449,656548	478,714174	622,707697	736,36753	879,66904	1100,05946	1164,31671
4105	449,90879	478,972568	623,022894	736,727384	880,090545	1100,57094	1164,85295
4106	450,161126	479,231056	623,338197	737,087356	880,512184	1101,08257	1165,38935
4107	450,413556	479,489637	623,653607	737,447444	880,933958	1101,59436	1165,92592
4108	450,666081	479,748311	623,969123	737,80765	881,355867	1102,10631	1166,46265
4109	450,9187	480,007078	624,284745	738,167973	881,77791	1102,61842	1166,99955
4110	451,171413	480,265937	624,600474	738,528413	882,200088	1103,13069	1167,53661
4111	451,424221	480,52489	624,916309	738,888971	882,622401	1103,64312	1168,07384
4112	451,677123	480,783936	625,232251	739,249646	883,044849	1104,1557	1168,61123
4113	451,93012	481,043075	625,548299	739,610438	883,467431	1104,66845	1169,14878
4114	452,183211	481,302307	625,864454	739,971348	883,890148	1105,18135	1169,68651
4115	452,436396	481,561633	626,180715	740,332375	884,313	1105,69441	1170,22439
4116	452,689676	481,821051	626,497083	740,693519	884,735987	1106,20763	1170,76244
4117	452,943051	482,080563	626,813557	741,054781	885,159109	1106,72101	1171,30066
4118	453,19652	482,340167	627,130138	741,416161	885,582365	1107,23455	1171,83904
4119	453,450084	482,599865	627,446825	741,777657	886,005757	1107,74824	1172,37758
4120	453,703742	482,859656	627,763619	742,139272	886,429283	1108,2621	1172,91629
4121	453,957494	483,119541	628,08052	742,501004	886,852944	1108,77611	1173,45517
4122	454,211342	483,379518	628,397527	742,862853	887,276741	1109,29029	1173,99421
4123	454,465284	483,639589	628,714641	743,22482	887,700672	1109,80462	1174,53341
4124	454,71932	483,899753	629,031862	743,586904	888,124738	1110,31911	1175,07278
4125	454,973452	484,16001	629,349189	743,949106	888,548939	1110,83376	1175,61232
4126	455,227678	484,420361	629,666623	744,311426	888,973276	1111,34857	1176,15202
4127	455,481998	484,680805	629,984164	744,673863	889,397747	1111,86354	1176,69189
4128	455,736414	484,941342	630,301811	745,036418	889,822354	1112,37867	1177,23192
4129	455,990924	485,201973	630,619565	745,399091	890,247095	1112,89395	1177,77211
4130	456,245528	485,462697	630,937426	745,761881	890,671972	1113,4094	1178,31248
4131	456,500228	485,723514	631,255394	746,124789	891,096984	1113,925	1178,853

4132	456,755022	485,984425	631,573469	746,487814	891,522131	1114,44077	1179,39369
4133	457,009911	486,245429	631,89165	746,850958	891,947414	1114,95669	1179,93455
4134	457,264895	486,506527	632,209938	747,214219	892,372831	1115,47277	1180,47557
4135	457,519974	486,767718	632,528333	747,577598	892,798384	1115,98901	1181,01676
4136	457,775148	487,029002	632,846835	747,941094	893,224072	1116,50541	1181,55811
4137	458,030416	487,29038	633,165444	748,304709	893,649895	1117,02197	1182,09963
4138	458,285779	487,551852	633,48416	748,668441	894,075854	1117,53869	1182,64132
4139	458,541238	487,813417	633,802983	749,032291	894,501948	1118,05557	1183,18317
4140	458,796791	488,075076	634,121912	749,39626	894,928178	1118,57261	1183,72518
4141	459,052439	488,336828	634,440949	749,760345	895,354542	1119,08981	1184,26736
4142	459,308182	488,598673	634,760093	750,124549	895,781042	1119,60716	1184,80971
4143	459,56402	488,860613	635,079343	750,488871	896,207678	1120,12468	1185,35222
4144	459,819953	489,122646	635,398701	750,853311	896,634449	1120,64235	1185,8949
4145	460,075981	489,384772	635,718166	751,217868	897,061356	1121,16019	1186,43774
4146	460,332104	489,646992	636,037738	751,582544	897,488398	1121,67818	1186,98075
4147	460,588322	489,909306	636,357416	751,947338	897,915575	1122,19634	1187,52392
4148	460,844635	490,171713	636,677202	752,312249	898,342888	1122,71465	1188,06726
4149	461,101043	490,434215	636,997096	752,677279	898,770337	1123,23312	1188,61077
4150	461,357546	490,696809	637,317096	753,042427	899,197921	1123,75176	1189,15444
4151	461,614144	490,959498	637,637203	753,407693	899,62564	1124,27055	1189,69828
4152	461,870838	491,22228	637,957418	753,773077	900,053496	1124,7895	1190,24228
4153	462,127627	491,485156	638,277739	754,138579	900,481487	1125,30861	1190,78645
4154	462,38451	491,748126	638,598168	754,504199	900,909613	1125,82788	1191,33078
4155	462,641489	492,01119	638,918705	754,869937	901,337876	1126,34732	1191,87528
4156	462,898563	492,274347	639,239348	755,235794	901,766274	1126,86691	1192,41995
4157	463,155733	492,537598	639,560099	755,601768	902,194807	1127,38666	1192,96478
4158	463,412997	492,800943	639,880957	755,967861	902,623477	1127,90657	1193,50978
4159	463,670357	493,064382	640,201922	756,334073	903,052282	1128,42664	1194,05494
4160	463,927812	493,327915	640,522994	756,700402	903,481223	1128,94687	1194,60027
4161	464,185363	493,591542	640,844174	757,06685	903,9103	1129,46726	1195,14577
4162	464,443008	493,855262	641,165461	757,433416	904,339512	1129,98781	1195,69143
4163	464,700749	494,119077	641,486856	757,8001	904,768861	1130,50852	1196,23726
4164	464,958586	494,382985	641,808358	758,166902	905,198345	1131,02939	1196,78325
4165	465,216518	494,646988	642,129967	758,533823	905,627966	1131,55042	1197,32942
4166	465,474545	494,911084	642,451684	758,900863	906,057722	1132,07161	1197,87574
4167	465,732667	495,175274	642,773508	759,26802	906,487614	1132,59296	1198,42223
4168	465,990885	495,439559	643,09544	759,635296	906,917642	1133,11447	1198,96889
4169	466,249198	495,703937	643,417479	760,002691	907,347806	1133,63613	1199,51572
4170	466,507607	495,968409	643,739626	760,370204	907,778106	1134,15796	1200,06271
4171	466,766111	496,232976	644,06188	760,737835	908,208542	1134,67995	1200,60987
4172	467,024711	496,497636	644,384242	761,105585	908,639114	1135,2021	1201,15719
4173	467,283406	496,762391	644,706711	761,473453	909,069822	1135,72442	1201,70468
4174	467,542197	497,02724	645,029288	761,84144	909,500667	1136,24689	1202,25234
4175	467,801083	497,292182	645,351972	762,209546	909,931647	1136,76952	1202,80016
4176	468,060065	497,557219	645,674764	762,57777	910,362764	1137,29231	1203,34815
4177	468,319142	497,82235	645,997664	762,946112	910,794016	1137,81526	1203,89631

4178	468,578315	498,087576	646,320671	763,314573	911,225405	1138,33837	1204,44463
4179	468,837584	498,352895	646,643786	763,683153	911,65693	1138,86164	1204,99312
4180	469,096948	498,618309	646,967009	764,051852	912,088591	1139,38507	1205,54177
4181	469,356408	498,883817	647,290339	764,420669	912,520389	1139,90867	1206,09059
4182	469,615963	499,149419	647,613777	764,789604	912,952322	1140,43242	1206,63958
4183	469,875614	499,415115	647,937323	765,158659	913,384392	1140,95633	1207,18874
4184	470,135361	499,680906	648,260976	765,527832	913,816599	1141,48041	1207,73806
4185	470,395204	499,946791	648,584737	765,897124	914,248941	1142,00464	1208,28754
4186	470,655142	500,21277	648,908606	766,266534	914,68142	1142,52903	1208,8372
4187	470,915176	500,478843	649,232583	766,636064	915,114036	1143,05359	1209,38702
4188	471,175305	500,745011	649,556668	767,005712	915,546788	1143,57831	1209,93701
4189	471,435531	501,011274	649,88086	767,375479	915,979676	1144,10318	1210,48716
4190	471,695852	501,27763	650,20516	767,745364	916,4127	1144,62822	1211,03748
4191	471,956269	501,544081	650,529569	768,115369	916,845861	1145,15342	1211,58797
4192	472,216782	501,810627	650,854085	768,485492	917,279159	1145,67877	1212,13863
4193	472,477391	502,077266	651,178709	768,855735	917,712593	1146,20429	1212,68945
4194	472,738096	502,344001	651,50344	769,226096	918,146163	1146,72997	1213,24044
4195	472,998896	502,610829	651,82828	769,596576	918,57987	1147,25581	1213,79159
4196	473,259793	502,877752	652,153228	769,967175	919,013714	1147,78181	1214,34291
4197	473,520785	503,14477	652,478284	770,337893	919,447694	1148,30797	1214,8944
4198	473,781874	503,411882	652,803447	770,70873	919,881811	1148,8343	1215,44606
4199	474,043058	503,679089	653,128719	771,079686	920,316064	1149,36078	1215,99788
4200	474,304338	503,94639	653,454099	771,450761	920,750454	1149,88742	1216,54987
4201	474,565714	504,213786	653,779587	771,821955	921,184981	1150,41423	1217,10203
4202	474,827187	504,481276	654,105183	772,193269	921,619644	1150,94119	1217,65436
4203	475,088755	504,748861	654,430887	772,564701	922,054445	1151,46832	1218,20685
4204	475,350419	505,016541	654,756699	772,936252	922,489381	1151,99561	1218,7595
4205	475,61218	505,284315	655,082619	773,307922	922,924455	1152,52306	1219,31233
4206	475,874036	505,552184	655,408647	773,679712	923,359665	1153,05067	1219,86532
4207	476,135989	505,820147	655,734784	774,05162	923,795013	1153,57844	1220,41848
4208	476,398037	506,088205	656,061029	774,423648	924,230497	1154,10637	1220,97181
4209	476,660182	506,356358	656,387381	774,795795	924,666117	1154,63446	1221,5253
4210	476,922423	506,624606	656,713842	775,168061	925,101875	1155,16271	1222,07897
4211	477,18476	506,892948	657,040412	775,540447	925,53777	1155,69113	1222,63279
4212	477,447193	507,161385	657,367089	775,912952	925,973801	1156,2197	1223,18679
4213	477,709723	507,429917	657,693875	776,285575	926,40997	1156,74844	1223,74095
4214	477,972349	507,698543	658,020769	776,658319	926,846275	1157,27734	1224,29528
4215	478,23507	507,967264	658,347772	777,031181	927,282717	1157,8064	1224,84978
4216	478,497889	508,236081	658,674882	777,404163	927,719297	1158,33562	1225,40445
4217	478,760803	508,504991	659,002101	777,777264	928,156013	1158,865	1225,95928
4218	479,023814	508,773997	659,329429	778,150485	928,592866	1159,39454	1226,51428
4219	479,286921	509,043098	659,656865	778,523825	929,029857	1159,92425	1227,06945
4220	479,550124	509,312293	659,984409	778,897284	929,466984	1160,45411	1227,62479
4221	479,813424	509,581584	660,312061	779,270863	929,904249	1160,98414	1228,18029
4222	480,07682	509,850969	660,639822	779,644561	930,34165	1161,51433	1228,73596
4223	480,340313	510,120449	660,967692	780,018378	930,779189	1162,04468	1229,2918

4224	480,603901	510,390024	661,29567	780,392315	931,216865	1162,57519	1229,8478
4225	480,867587	510,659694	661,623756	780,766372	931,654678	1163,10586	1230,40398
4226	481,131368	510,929459	661,951951	781,140548	932,092629	1163,63669	1230,96032
4227	481,395247	511,19932	662,280254	781,514844	932,530716	1164,16769	1231,51683
4228	481,659221	511,469275	662,608666	781,889259	932,968941	1164,69885	1232,0735
4229	481,923292	511,739325	662,937187	782,263793	933,407303	1165,23017	1232,63035
4230	482,18746	512,00947	663,265816	782,638448	933,845803	1165,76165	1233,18736
4231	482,451724	512,27971	663,594553	783,013222	934,28444	1166,29329	1233,74454
4232	482,716085	512,550045	663,9234	783,388115	934,723214	1166,82509	1234,30188
4233	482,980542	512,820476	664,252354	783,763128	935,162125	1167,35706	1234,8594
4234	483,245096	513,091001	664,581418	784,138261	935,601174	1167,88918	1235,41708
4235	483,509746	513,361622	664,91059	784,513513	936,04036	1168,42147	1235,97493
4236	483,774493	513,632337	665,239871	784,888886	936,479684	1168,95392	1236,53295
4237	484,039337	513,903148	665,56926	785,264378	936,919145	1169,48653	1237,09114
4238	484,304277	514,174054	665,898759	785,639989	937,358743	1170,01931	1237,64949
4239	484,569314	514,445055	666,228366	786,015721	937,798479	1170,55224	1238,20802
4240	484,834447	514,716152	666,558081	786,391572	938,238353	1171,08534	1238,76671
4241	485,099678	514,987343	666,887906	786,767543	938,678364	1171,6186	1239,32557
4242	485,365005	515,25863	667,217839	787,143634	939,118512	1172,15202	1239,88459
4243	485,630428	515,530012	667,547881	787,519844	939,558798	1172,6856	1240,44379
4244	485,895949	515,80149	667,878032	787,896175	939,999222	1173,21934	1241,00315
4245	486,161566	516,073063	668,208292	788,272625	940,439783	1173,75325	1241,56268
4246	486,42728	516,344731	668,53866	788,649195	940,880482	1174,28732	1242,12238
4247	486,693091	516,616494	668,869138	789,025885	941,321319	1174,82155	1242,68225
4248	486,958998	516,888353	669,199724	789,402696	941,762293	1175,35594	1243,24228
4249	487,225003	517,160307	669,530419	789,779626	942,203405	1175,8905	1243,80249
4250	487,491104	517,432356	669,861224	790,156676	942,644655	1176,42521	1244,36286
4251	487,757302	517,704501	670,192137	790,533846	943,086043	1176,96009	1244,9234
4252	488,023598	517,976741	670,523159	790,911136	943,527568	1177,49513	1245,48411
4253	488,28999	518,249077	670,85429	791,288546	943,969231	1178,03034	1246,04499
4254	488,556478	518,521508	671,18553	791,666076	944,411032	1178,5657	1246,60603
4255	488,823064	518,794034	671,516879	792,043726	944,85297	1179,10123	1247,16725
4256	489,089747	519,066656	671,848337	792,421496	945,295047	1179,63692	1247,72863
4257	489,356527	519,339374	672,179904	792,799386	945,737261	1180,17277	1248,29018
4258	489,623404	519,612187	672,511581	793,177397	946,179613	1180,70878	1248,8519
4259	489,890377	519,885095	672,843366	793,555527	946,622104	1181,24496	1249,41379
4260	490,157448	520,158099	673,17526	793,933778	947,064732	1181,7813	1249,97584
4261	490,424616	520,431199	673,507264	794,312149	947,507498	1182,3178	1250,53807
4262	490,691881	520,704394	673,839377	794,69064	947,950402	1182,85446	1251,10046
4263	490,959243	520,977685	674,171599	795,069251	948,393444	1183,39129	1251,66302
4264	491,226702	521,251071	674,50393	795,447983	948,836624	1183,92827	1252,22575
4265	491,494259	521,524553	674,83637	795,826835	949,279942	1184,46542	1252,78865
4266	491,761912	521,798131	675,168919	796,205807	949,723398	1185,00274	1253,35172
4267	492,029662	522,071804	675,501578	796,584899	950,166993	1185,54021	1253,91496
4268	492,29751	522,345573	675,834346	796,964112	950,610725	1186,07785	1254,47836
4269	492,565455	522,619438	676,167223	797,343445	951,054595	1186,61565	1255,04194

4270	492,833497	522,893398	676,50021	797,722898	951,498604	1187,15361	1255,60568
4271	493,101636	523,167454	676,833305	798,102472	951,942751	1187,69174	1256,16959
4272	493,369873	523,441606	677,166511	798,482166	952,387036	1188,23002	1256,73367
4273	493,638207	523,715854	677,499825	798,86198	952,831459	1188,76848	1257,29792
4274	493,906638	523,990197	677,833249	799,241915	953,276021	1189,30709	1257,86234
4275	494,175166	524,264636	678,166782	799,621971	953,72072	1189,84586	1258,42692
4276	494,443792	524,539171	678,500425	800,002147	954,165558	1190,3848	1258,99168
4277	494,712515	524,813802	678,834177	800,382443	954,610535	1190,9239	1259,5566
4278	494,981335	525,088529	679,168038	800,76286	955,055649	1191,46317	1260,1217
4279	495,250253	525,363351	679,502009	801,143397	955,500902	1192,00259	1260,68696
4280	495,519268	525,63827	679,836089	801,524055	955,946294	1192,54218	1261,25239
4281	495,788381	525,913284	680,170279	801,904833	956,391823	1193,08194	1261,81799
4282	496,057591	526,188394	680,504579	802,285732	956,837491	1193,62185	1262,38376
4283	496,326898	526,4636	680,838987	802,666752	957,283298	1194,16193	1262,9497
4284	496,596303	526,738902	681,173506	803,047892	957,729243	1194,70217	1263,51581
4285	496,865805	527,0143	681,508134	803,429153	958,175326	1195,24257	1264,08209
4286	497,135405	527,289794	681,842871	803,810535	958,621548	1195,78314	1264,64853
4287	497,405102	527,565384	682,177718	804,192037	959,067909	1196,32387	1265,21515
4288	497,674897	527,84107	682,512675	804,57366	959,514408	1196,86476	1265,78193
4289	497,944789	528,116852	682,847741	804,955403	959,961046	1197,40582	1266,34889
4290	498,214779	528,39273	683,182917	805,337268	960,407822	1197,94704	1266,91601
4291	498,484867	528,668705	683,518203	805,719253	960,854736	1198,48842	1267,4833
4292	498,755052	528,944775	683,853598	806,101359	961,30179	1199,02996	1268,05077
4293	499,025335	529,220941	684,189103	806,483585	961,748982	1199,57167	1268,6184
4294	499,295715	529,497203	684,524718	806,865933	962,196313	1200,11354	1269,1862
4295	499,566193	529,773562	684,860443	807,248401	962,643782	1200,65558	1269,75417
4296	499,836769	530,050017	685,196277	807,63099	963,09139	1201,19778	1270,32231
4297	500,107442	530,326567	685,532221	808,0137	963,539137	1201,74014	1270,89062
4298	500,378213	530,603214	685,868275	808,396531	963,987022	1202,28266	1271,4591
4299	500,649082	530,879958	686,204438	808,779483	964,435047	1202,82535	1272,02774
4300	500,920048	531,156797	686,540712	809,162556	964,88321	1203,3682	1272,59656

Tabla 15. Pesos finales estimados para el modelo 2

ST	Wf_0.025	Wf_0.05	Wf_0.25	Wf_0.5	Wf_0.75	Wf_0.95	Wf_0.975
0	0	0,01568243	7,66013984	16,5275118	26	43,3550185	49
1	0	0,02067933	7,70161575	16,5845124	26,0714303	43,4492631	49,1018107
2	0	0,02611682	7,74316624	16,6415784	26,1429259	43,5435758	49,2036918
3	0	0,0319617	7,7847912	16,6987097	26,2144867	43,6379567	49,3056433
4	0	0,03818734	7,82649047	16,7559062	26,2861127	43,7324057	49,4076652
5	0	0,04477173	7,86826393	16,8131679	26,3578038	43,8269228	49,5097572
6	0	0,0516963	7,91011145	16,8704946	26,42956	43,9215078	49,6119195
7	0	0,05894509	7,9520329	16,9278864	26,5013811	44,0161607	49,714152
8	0	0,06650419	7,99402815	16,985343	26,5732672	44,1108816	49,8164546
9	0	0,07436135	8,03609706	17,0428646	26,6452182	44,2056703	49,9188273
10	0	0,08250566	8,07823951	17,1004509	26,717234	44,3005268	50,02127
11	0	0,09092735	8,12045537	17,1581019	26,7893146	44,3954511	50,1237827
12	0	0,09961755	8,16274452	17,2158176	26,8614599	44,490443	50,2263653
13	0	0,10856821	8,20510682	17,2735979	26,9336698	44,5855027	50,3290179
14	0	0,11777196	8,24754215	17,3314426	27,0059443	44,6806299	50,4317402
15	0	0,12722202	8,29005038	17,3893518	27,0782834	44,7758247	50,5345324
16	0	0,13691214	8,3326314	17,4473253	27,1506869	44,8710869	50,6373942
17	0	0,14683651	8,37528507	17,5053632	27,2231548	44,9664167	50,7403258
18	0	0,15698972	8,41801128	17,5634652	27,2956871	45,0618139	50,8433271
19	0	0,16736673	8,46080989	17,6216313	27,3682837	45,1572784	50,9463979
20	0	0,17796281	8,50368079	17,6798616	27,4409446	45,2528103	51,0495383
21	0	0,18877352	8,54662385	17,7381558	27,5136696	45,3484094	51,1527482
22	0	0,19979468	8,58963896	17,796514	27,5864588	45,4440757	51,2560275
23	0	0,21102236	8,632726	17,854936	27,6593121	45,5398093	51,3593763
24	0	0,22245281	8,67588483	17,9134218	27,7322293	45,6356099	51,4627945
25	0	0,2340825	8,71911536	17,9719713	27,8052106	45,7314777	51,5662819
26	0	0,24590807	8,76241744	18,0305845	27,8782557	45,8274124	51,6698387
27	0	0,25792634	8,80579098	18,0892613	27,9513647	45,9234142	51,7734646
28	0	0,27013426	8,84923585	18,1480015	28,0245375	46,0194829	51,8771598
29	0	0,28252893	8,89275193	18,2068053	28,097774	46,1156185	51,9809241
30	0	0,29510757	8,9363391	18,2656724	28,1710742	46,211821	52,0847575
31	0	0,30786754	8,97999726	18,3246028	28,2444381	46,3080903	52,1886599
32	0	0,3208063	9,02372629	18,3835964	28,3178655	46,4044263	52,2926313
33	0	0,3339214	9,06752606	18,4426532	28,3913565	46,500829	52,3966717
34	0	0,3472105	9,11139648	18,5017731	28,4649109	46,5972984	52,500781
35	0	0,36067136	9,15533741	18,5609561	28,5385287	46,6938344	52,6049591
36	0	0,37430182	9,19934876	18,620202	28,6122099	46,790437	52,7092061
37	0	0,38809978	9,24343041	18,6795108	28,6859543	46,8871061	52,8135218
38	0	0,40206324	9,28758224	18,7388825	28,759762	46,9838417	52,9179063
39	0	0,41619027	9,33180415	18,7983169	28,833633	47,0806438	53,0223594
40	0	0,43047898	9,37609602	18,8578141	28,907567	47,1775122	53,1268812
41	0	0,44492756	9,42045774	18,9173738	28,9815642	47,2744469	53,2314715

42	0	0,45953428	9,46488921	18,9769962	29,0556243	47,371448	53,3361305
43	0	0,47429743	9,50939032	19,036681	29,1297475	47,4685153	53,4408579
44	0,00026932	0,48921538	9,55396095	19,0964283	29,2039336	47,5656489	53,5456537
45	0,00202598	0,50428653	9,598601	19,156238	29,2781825	47,6628485	53,650518
46	0,00464821	0,51950934	9,64331035	19,21611	29,3524943	47,7601144	53,7554507
47	0,00790804	0,53488232	9,68808891	19,2760442	29,4268688	47,8574462	53,8604516
48	0,01169869	0,55040402	9,73293657	19,3360406	29,501306	47,9548442	53,9655209
49	0,01595411	0,56607302	9,77785321	19,3960992	29,5758059	48,0523081	54,0706583
50	0,02062815	0,58188794	9,82283874	19,4562197	29,6503684	48,1498379	54,175864
51	0,0256862	0,59784747	9,86789305	19,5164023	29,7249935	48,2474336	54,2811378
52	0,03110106	0,61395029	9,91301603	19,5766468	29,799681	48,3450952	54,3864797
53	0,0368506	0,63019514	9,95820758	19,6369532	29,874431	48,4428226	54,4918897
54	0,04291636	0,6465808	10,0034676	19,6973213	29,9492435	48,5406157	54,5973677
55	0,04928264	0,66310606	10,048796	19,7577512	30,0241182	48,6384746	54,7029136
56	0,05593586	0,67976975	10,0941926	19,8182428	30,0990552	48,7363992	54,8085275
57	0,06286416	0,69657074	10,1396574	19,8787959	30,1740545	48,8343893	54,9142093
58	0,07005701	0,7135079	10,1851902	19,9394106	30,249116	48,9324451	55,0199589
59	0,07750501	0,73058016	10,230791	20,0000868	30,3242396	49,0305664	55,1257763
60	0,08519971	0,74778645	10,2764597	20,0608245	30,3994253	49,1287532	55,2316614
61	0,09313344	0,76512574	10,3221961	20,1216235	30,4746731	49,2270054	55,3376142
62	0,10129921	0,78259701	10,3680002	20,1824837	30,5499828	49,3253231	55,4436348
63	0,10969058	0,80019928	10,4138718	20,2434053	30,6253544	49,4237061	55,5497229
64	0,11830167	0,81793157	10,4598108	20,3043879	30,700788	49,5221545	55,6558786
65	0,12712699	0,83579295	10,5058172	20,3654317	30,7762833	49,6206681	55,7621018
66	0,13616147	0,85378248	10,5518909	20,4265366	30,8518405	49,719247	55,8683926
67	0,14540037	0,87189926	10,5980317	20,4877025	30,9274594	49,817891	55,9747508
68	0,15483927	0,89014239	10,6442396	20,5489292	31,0031399	49,9166003	56,0811764
69	0,16447402	0,90851102	10,6905144	20,6102169	31,0788821	50,0153746	56,1876693
70	0,1743007	0,92700429	10,7368561	20,6715653	31,1546859	50,114214	56,2942296
71	0,18431565	0,94562136	10,7832646	20,7329746	31,2305512	50,2131184	56,4008572
72	0,19451539	0,96436142	10,8297398	20,7944445	31,306478	50,3120878	56,507552
73	0,20489662	0,98322367	10,8762815	20,855975	31,3824662	50,4111221	56,614314
74	0,21545624	1,00220731	10,9228897	20,9175661	31,4585158	50,5102213	56,7211431
75	0,22619127	1,02131158	10,9695643	20,9792177	31,5346267	50,6093854	56,8280394
76	0,2370989	1,04053573	11,0163052	21,0409297	31,6107989	50,7086143	56,9350027
77	0,24817643	1,05987899	11,0631122	21,1027022	31,6870324	50,807908	57,042033
78	0,25942131	1,07934066	11,1099854	21,164535	31,763327	50,9072663	57,1491304
79	0,27083106	1,09892001	11,1569246	21,226428	31,8396828	51,0066894	57,2562946
80	0,28240336	1,11861634	11,2039298	21,2883813	31,9160996	51,1061771	57,3635258
81	0,29413593	1,13842896	11,2510007	21,3503948	31,9925775	51,2057294	57,4708238
82	0,30602663	1,15835719	11,2981374	21,4124683	32,0691164	51,3053463	57,5781887
83	0,31807338	1,17840036	11,3453397	21,4746019	32,1457162	51,4050276	57,6856203
84	0,33027418	1,19855782	11,3926076	21,5367954	32,2223769	51,5047735	57,7931187
85	0,34262712	1,21882892	11,439941	21,5990489	32,2990984	51,6045838	57,9006837
86	0,35513033	1,23921303	11,4873397	21,6613622	32,3758808	51,7044584	58,0083154
87	0,36778203	1,25970953	11,5348037	21,7237354	32,4527239	51,8043975	58,1160137

88	0,38058051	1,28031781	11,5823329	21,7861683	32,5296277	51,9044008	58,2237786
89	0,3935241	1,30103725	11,6299271	21,8486609	32,6065921	52,0044684	58,33161
90	0,40661119	1,32186727	11,6775865	21,9112131	32,6836171	52,1046002	58,4395079
91	0,41984022	1,34280729	11,7253107	21,973825	32,7607027	52,2047962	58,5474723
92	0,43320968	1,36385672	11,7730998	22,0364963	32,8378489	52,3050563	58,655503
93	0,44671812	1,38501501	11,8209536	22,0992271	32,9150554	52,4053806	58,7636001
94	0,46036412	1,40628159	11,868872	22,1620174	32,9923224	52,5057689	58,8717635
95	0,47414631	1,42765592	11,9168551	22,2248669	33,0696497	52,6062212	58,9799932
96	0,48806335	1,44913746	11,9649026	22,2877758	33,1470374	52,7067375	59,0882892
97	0,50211396	1,47072567	12,0130146	22,350744	33,2244853	52,8073178	59,1966514
98	0,51629686	1,49242003	12,0611908	22,4137713	33,3019935	52,9079619	59,3050797
99	0,53061085	1,51422003	12,1094313	22,4768577	33,3795619	53,0086699	59,4135741
100	0,54505472	1,53612515	12,157736	22,5400032	33,4571903	53,1094417	59,5221346
101	0,55962733	1,55813488	12,2061047	22,6032078	33,5348789	53,2102773	59,6307612
102	0,57432754	1,58024875	12,2545373	22,6664713	33,6126275	53,3111766	59,7394537
103	0,58915426	1,60246625	12,3030339	22,7297937	33,6904361	53,4121397	59,8482123
104	0,60410642	1,62478692	12,3515942	22,793175	33,7683046	53,5131664	59,9570367
105	0,61918297	1,64721026	12,4002183	22,8566151	33,846233	53,6142567	60,065927
106	0,63438289	1,66973582	12,448906	22,920114	33,9242213	53,7154105	60,1748832
107	0,6497052	1,69236313	12,4976573	22,9836715	34,0022694	53,8166279	60,2839051
108	0,66514892	1,71509174	12,5464721	23,0472877	34,0803773	53,9179088	60,3929929
109	0,6807131	1,7379212	12,5953502	23,1109624	34,1585449	54,0192532	60,5021463
110	0,69639682	1,76085106	12,6442916	23,1746957	34,2367721	54,120661	60,6113654
111	0,71219918	1,78388089	12,6932963	23,2384875	34,315059	54,2221321	60,7206502
112	0,72811929	1,80701025	12,7423641	23,3023377	34,3934054	54,3236666	60,8300006
113	0,74415628	1,83023872	12,791495	23,3662462	34,4718114	54,4252644	60,9394165
114	0,76030932	1,85356588	12,8406889	23,4302131	34,5502769	54,5269254	61,0488979
115	0,77657756	1,87699131	12,8899456	23,4942383	34,6288018	54,6286497	61,1584449
116	0,79296022	1,9005146	12,9392652	23,5583216	34,7073862	54,7304372	61,2680573
117	0,80945648	1,92413534	12,9886476	23,6224632	34,7860298	54,8322877	61,3777351
118	0,82606557	1,94785314	13,0380926	23,6866628	34,8647328	54,9342014	61,4874782
119	0,84278673	1,9716676	13,0876001	23,7509205	34,9434951	55,0361782	61,5972867
120	0,85961922	1,99557833	13,1371702	23,8152361	35,0223166	55,1382179	61,7071605
121	0,87656231	2,01958494	13,1868027	23,8796098	35,1011972	55,2403207	61,8170995
122	0,89361526	2,04368705	13,2364976	23,9440413	35,180137	55,3424864	61,9271038
123	0,91077739	2,06788429	13,2862547	24,0085307	35,2591359	55,444715	62,0371732
124	0,92804801	2,09217628	13,336074	24,0730779	35,3381938	55,5470065	62,1473077
125	0,94542643	2,11656265	13,3859555	24,1376828	35,4173107	55,6493608	62,2575074
126	0,96291199	2,14104304	13,4358989	24,2023454	35,4964866	55,7517779	62,3677721
127	0,98050403	2,16561709	13,4859044	24,2670656	35,5757213	55,8542577	62,4781018
128	0,99820193	2,19028444	13,5359717	24,3318434	35,655015	55,9568003	62,5884965
129	1,01600504	2,21504475	13,5861008	24,3966788	35,7343675	56,0594055	62,6989562
130	1,03391276	2,23989766	13,6362916	24,4615716	35,8137787	56,1620734	62,8094807
131	1,05192446	2,26484283	13,6865441	24,5265219	35,8932487	56,2648039	62,9200702
132	1,07003956	2,28987993	13,7368582	24,5915296	35,9727774	56,3675969	63,0307244
133	1,08825747	2,31500861	13,7872338	24,6565946	36,0523647	56,4704525	63,1414435

134	1,10657762	2,34022854	13,8376708	24,7217169	36,1320107	56,5733705	63,2522273
135	1,12499942	2,3655394	13,8881692	24,7868964	36,2117152	56,676351	63,3630758
136	1,14352233	2,39094085	13,9387288	24,8521331	36,2914782	56,7793939	63,473989
137	1,1621458	2,41643258	13,9893497	24,9174269	36,3712997	56,8824992	63,5849668
138	1,18086929	2,44201427	14,0400317	24,9827778	36,4511797	56,9856668	63,6960093
139	1,19969227	2,4676856	14,0907747	25,0481858	36,531118	57,0888967	63,8071163
140	1,2186142	2,49344626	14,1415787	25,1136507	36,6111147	57,1921889	63,9182878
141	1,23763459	2,51929594	14,1924437	25,1791725	36,6911697	57,2955433	64,0295238
142	1,25675291	2,54523434	14,2433694	25,2447513	36,771283	57,3989598	64,1408243
143	1,27596868	2,57126115	14,294356	25,3103869	36,8514544	57,5024385	64,2521892
144	1,2952814	2,59737607	14,3454032	25,3760792	36,9316841	57,6059794	64,3636184
145	1,31469058	2,62357881	14,3965111	25,4418283	37,0119719	57,7095823	64,475112
146	1,33419576	2,64986908	14,4476795	25,5076341	37,0923178	57,8132472	64,58667
147	1,35379645	2,67624658	14,4989084	25,5734965	37,1727218	57,9169741	64,6982921
148	1,37349219	2,70271103	14,5501976	25,6394155	37,2531837	58,020763	64,8099785
149	1,39328254	2,72926214	14,6015473	25,7053911	37,3337037	58,1246138	64,9217291
150	1,41316704	2,75589963	14,6529572	25,7714231	37,4142815	58,2285265	65,0335439
151	1,43314524	2,78262323	14,7044272	25,8375116	37,4949173	58,3325011	65,1454228
152	1,4532167	2,80943264	14,7559575	25,9036565	37,5756109	58,4365374	65,2573657
153	1,47338101	2,83632761	14,8075477	25,9698578	37,6563623	58,5406356	65,3693727
154	1,49363773	2,86330785	14,859198	26,0361153	37,7371715	58,6447954	65,4814438
155	1,51398643	2,89037311	14,9109081	26,1024291	37,8180384	58,749017	65,5935787
156	1,53442672	2,91752311	14,9626781	26,1687991	37,8989629	58,8533003	65,7057777
157	1,55495817	2,94475759	15,0145079	26,2352252	37,9799451	58,9576452	65,8180405
158	1,57558039	2,97207629	15,0663974	26,3017075	38,0609849	59,0620516	65,9303672
159	1,59629298	2,99947895	15,1183465	26,3682458	38,1420823	59,1665197	66,0427577
160	1,61709554	3,02696532	15,1703552	26,4348401	38,2232372	59,2710492	66,155212
161	1,63798769	3,05453513	15,2224234	26,5014905	38,3044496	59,3756402	66,26773
162	1,65896905	3,08218814	15,2745511	26,5681967	38,3857194	59,4802927	66,3803118
163	1,68003923	3,1099241	15,3267381	26,6349588	38,4670465	59,5850066	66,4929573
164	1,70119787	3,13774277	15,3789844	26,7017767	38,5484311	59,6897819	66,6056664
165	1,72244459	3,16564388	15,4312899	26,7686504	38,6298729	59,7946185	66,7184391
166	1,74377904	3,19362722	15,4836546	26,8355799	38,7113721	59,8995164	66,8312754
167	1,76520085	3,22169252	15,5360784	26,902565	38,7929284	60,0044756	66,9441752
168	1,78670967	3,24983956	15,5885612	26,9696058	38,874542	60,109496	67,0571386
169	1,80830515	3,27806809	15,641103	27,0367022	38,9562127	60,2145777	67,1701654
170	1,82998694	3,30637789	15,6937037	27,1038541	39,0379405	60,3197204	67,2832556
171	1,85175471	3,33476871	15,7463632	27,1710615	39,1197255	60,4249244	67,3964092
172	1,8736081	3,36324034	15,7990815	27,2383244	39,2015674	60,5301894	67,5096262
173	1,89554679	3,39179253	15,8518585	27,3056427	39,2834663	60,6355154	67,6229066
174	1,91757044	3,42042507	15,9046942	27,3730163	39,3654222	60,7409025	67,7362502
175	1,93967874	3,44913773	15,9575884	27,4404453	39,447435	60,8463506	67,849657
176	1,96187135	3,47793028	16,0105411	27,5079296	39,5295047	60,9518596	67,9631271
177	1,98414797	3,50680251	16,0635522	27,5754691	39,6116312	61,0574295	68,0766604
178	2,00650826	3,53575419	16,1166217	27,6430638	39,6938145	61,1630603	68,1902568
179	2,02895193	3,56478512	16,1697496	27,7107136	39,7760545	61,2687519	68,3039163

180	2,05147866	3,59389506	16,2229357	27,7784185	39,8583513	61,3745044	68,4176389
181	2,07408814	3,62308381	16,27618	27,8461784	39,9407048	61,4803176	68,5314246
182	2,09678008	3,65235116	16,3294824	27,9139934	40,0231149	61,5861916	68,6452733
183	2,11955418	3,6816969	16,3828428	27,9818634	40,1055816	61,6921263	68,7591849
184	2,14241014	3,71112081	16,4362613	28,0497882	40,1881049	61,7981216	68,8731595
185	2,16534767	3,74062269	16,4897377	28,1177679	40,2706847	61,9041776	68,987197
186	2,18836648	3,77020234	16,5432719	28,1858025	40,3533209	62,0102942	69,1012973
187	2,21146628	3,79985954	16,596864	28,2538918	40,4360136	62,1164714	69,2154605
188	2,23464679	3,82959411	16,6505138	28,3220359	40,5187628	62,222709	69,3296865
189	2,25790774	3,85940583	16,7042213	28,3902347	40,6015683	62,3290072	69,4439752
190	2,28124884	3,88929451	16,7579865	28,4584881	40,6844301	62,4353659	69,5583267
191	2,30466982	3,91925995	16,8118091	28,5267961	40,7673482	62,5417849	69,6727409
192	2,32817041	3,94930196	16,8656893	28,5951587	40,8503226	62,6482644	69,7872178
193	2,35175033	3,97942033	16,9196269	28,6635758	40,9333532	62,7548042	69,9017572
194	2,37540933	4,00961488	16,9736219	28,7320474	41,01644	62,8614044	70,0163593
195	2,39914714	4,03988542	17,0276743	28,8005735	41,0995829	62,9680648	70,1310239
196	2,4229635	4,07023175	17,0817838	28,8691539	41,1827819	63,0747855	70,2457511
197	2,44685815	4,10065368	17,1359506	28,9377887	41,266037	63,1815664	70,3605408
198	2,47083084	4,13115104	17,1901745	29,0064777	41,3493481	63,2884076	70,4753929
199	2,49488131	4,16172362	17,2444554	29,0752211	41,4327152	63,3953088	70,5903074
200	2,51900931	4,19237126	17,2987934	29,1440187	41,5161382	63,5022702	70,7052843
201	2,54321459	4,22309376	17,3531884	29,2128704	41,5996172	63,6092917	70,8203236
202	2,56749691	4,25389094	17,4076402	29,2817763	41,6831521	63,7163732	70,9354252
203	2,59185602	4,28476262	17,4621489	29,3507362	41,7667427	63,8235148	71,0505891
204	2,61629169	4,31570863	17,5167143	29,4197503	41,8503892	63,9307163	71,1658153
205	2,64080366	4,34672878	17,5713365	29,4888183	41,9340915	64,0379778	71,2811036
206	2,66539172	4,37782289	17,6260153	29,5579403	42,0178495	64,1452992	71,3964542
207	2,69005561	4,4089908	17,6807507	29,6271162	42,1016631	64,2526805	71,5118669
208	2,71479512	4,44023233	17,7355427	29,696346	42,1855324	64,3601217	71,6273418
209	2,73961	4,4715473	17,7903911	29,7656296	42,2694574	64,4676226	71,7428787
210	2,76450004	4,50293554	17,845296	29,834967	42,3534379	64,5751834	71,8584777
211	2,78946499	4,53439689	17,9002572	29,9043582	42,437474	64,6828039	71,9741387
212	2,81450465	4,56593116	17,9552747	29,9738031	42,5215655	64,7904841	72,0898617
213	2,83961879	4,5975382	18,0103485	30,0433017	42,6057126	64,8982241	72,2056466
214	2,86480718	4,62921784	18,0654785	30,1128539	42,6899151	65,0060236	72,3214935
215	2,89006961	4,66096991	18,1206646	30,1824597	42,7741729	65,1138828	72,4374022
216	2,91540587	4,69279425	18,1759069	30,252119	42,8584862	65,2218016	72,5533728
217	2,94081573	4,72469069	18,2312051	30,3218319	42,9428547	65,3297799	72,6694053
218	2,96629899	4,75665907	18,2865593	30,3915982	43,0272786	65,4378178	72,7854995
219	2,99185544	4,78869923	18,3419694	30,461418	43,1117577	65,5459152	72,9016555
220	3,01748486	4,820811	18,3974353	30,5312911	43,196292	65,654072	73,0178732
221	3,04318705	4,85299423	18,4529571	30,6012176	43,2808815	65,7622882	73,1341526
222	3,0689618	4,88524877	18,5085346	30,6711973	43,3655261	65,8705638	73,2504936
223	3,09480891	4,91757445	18,5641678	30,7412304	43,4502259	65,9788988	73,3668963
224	3,12072818	4,94997111	18,6198566	30,8113166	43,5349807	66,0872931	73,4833606
225	3,14671941	4,9824386	18,6756009	30,8814561	43,6197906	66,1957467	73,5998864

226	3,17278239	5,01497678	18,7314008	30,9516487	43,7046554	66,3042596	73,7164738
227	3,19891694	5,04758547	18,7872562	31,0218943	43,7895752	66,4128317	73,8331226
228	3,22512286	5,08026454	18,843167	31,0921931	43,87455	66,5214629	73,949833
229	3,25139994	5,11301383	18,8991331	31,1625449	43,9595796	66,6301534	74,0666047
230	3,27774801	5,14583319	18,9551545	31,2329496	44,0446641	66,738903	74,1834379
231	3,30416687	5,17872248	19,0112312	31,3034073	44,1298035	66,8477117	74,3003324
232	3,33065632	5,21168153	19,0673631	31,3739179	44,2149976	66,9565794	74,4172883
233	3,35721619	5,24471021	19,1235501	31,4444814	44,3002465	67,0655062	74,5343054
234	3,38384629	5,27780837	19,1797921	31,5150976	44,3855501	67,174492	74,6513838
235	3,41054642	5,31097586	19,2360892	31,5857667	44,4709083	67,2835368	74,7685235
236	3,43731642	5,34421254	19,2924413	31,6564885	44,5563212	67,3926405	74,8857244
237	3,46415609	5,37751827	19,3488483	31,727263	44,6417888	67,5018031	75,0029864
238	3,49106526	5,4108929	19,4053102	31,7980902	44,7273109	67,6110246	75,1203096
239	3,51804375	5,44433629	19,4618269	31,86897	44,8128875	67,720305	75,2376939
240	3,54509137	5,4778483	19,5183983	31,9399024	44,8985187	67,8296441	75,3551393
241	3,57220796	5,51142878	19,5750245	32,0108873	44,9842043	67,939042	75,4726457
242	3,59939334	5,54507761	19,6317053	32,0819247	45,0699444	68,0484987	75,5902131
243	3,62664733	5,57879464	19,6884407	32,1530147	45,1557389	68,1580141	75,7078416
244	3,65396976	5,61257973	19,7452306	32,224157	45,2415877	68,2675882	75,8255309
245	3,68136047	5,64643275	19,8020751	32,2953517	45,3274909	68,377221	75,9432812
246	3,70881927	5,68035356	19,858974	32,3665988	45,4134484	68,4869124	76,0610924
247	3,73634601	5,71434202	19,9159273	32,4378982	45,4994602	68,5966623	76,1789645
248	3,76394052	5,74839801	19,9729349	32,5092499	45,5855261	68,7064708	76,2968973
249	3,79160262	5,78252138	20,0299968	32,5806539	45,6716463	68,8163379	76,414891
250	3,81933217	5,81671201	20,087113	32,65211	45,7578207	68,9262635	76,5329454
251	3,84712898	5,85096976	20,1442833	32,7236183	45,8440491	69,0362475	76,6510606
252	3,8749929	5,8852945	20,2015078	32,7951787	45,9303317	69,14629	76,7692364
253	3,90292377	5,9196861	20,2587864	32,8667912	46,0166684	69,2563908	76,887473
254	3,93092143	5,95414444	20,316119	32,9384557	46,103059	69,3665501	77,0057701
255	3,95898571	5,98866937	20,3735056	33,0101723	46,1895037	69,4767677	77,1241279
256	3,98711647	6,02326078	20,4309461	33,0819408	46,2760023	69,5870436	77,2425463
257	4,01531354	6,05791854	20,4884405	33,1537613	46,3625549	69,6973778	77,3610252
258	4,04357677	6,09264251	20,5459887	33,2256337	46,4491613	69,8077702	77,4795646
259	4,071906	6,12743258	20,6035907	33,2975579	46,5358216	69,9182209	77,5981645
260	4,10030109	6,16228862	20,6612465	33,369534	46,6225357	70,0287297	77,7168248
261	4,12876187	6,1972105	20,7189559	33,4415618	46,7093037	70,1392967	77,8355456
262	4,1572882	6,2321981	20,7767189	33,5136414	46,7961254	70,2499219	77,9543267
263	4,18587993	6,2672513	20,8345355	33,5857727	46,8830008	70,3606051	78,0731683
264	4,21453691	6,30236997	20,8924057	33,6579557	46,9699299	70,4713464	78,1920701
265	4,24325898	6,33755399	20,9503293	33,7301903	47,0569127	70,5821458	78,3110323
266	4,27204601	6,37280324	21,0083064	33,8024766	47,1439491	70,6930031	78,4300547
267	4,30089784	6,40811761	21,0663369	33,8748143	47,231039	70,8039185	78,5491373
268	4,32981433	6,44349696	21,1244206	33,9472037	47,3181826	70,9148918	78,6682802
269	4,35879534	6,47894119	21,1825577	34,0196445	47,4053797	71,0259229	78,7874833
270	4,38784072	6,51445017	21,240748	34,0921367	47,4926303	71,137012	78,9067464
271	4,41695034	6,55002378	21,2989915	34,1646804	47,5799343	71,248159	79,0260698

272	4,44612404	6,58566192	21,3572881	34,2372754	47,6672918	71,3593637	79,1454531
273	4,47536169	6,62136445	21,4156379	34,3099219	47,7547026	71,4706263	79,2648966
274	4,50466315	6,65713127	21,4740406	34,3826196	47,8421669	71,5819466	79,3844001
275	4,53402829	6,69296226	21,5324964	34,4553686	47,9296844	71,6933247	79,5039635
276	4,56345695	6,7288573	21,5910051	34,5281688	48,0172553	71,8047605	79,623587
277	4,59294901	6,76481629	21,6495667	34,6010202	48,1048794	71,9162539	79,7432704
278	4,62250433	6,8008391	21,7081811	34,6739228	48,1925568	72,027805	79,8630136
279	4,65212278	6,83692563	21,7668484	34,7468765	48,2802874	72,1394137	79,9828168
280	4,68180421	6,87307576	21,8255684	34,8198813	48,3680711	72,25108	80,1026798
281	4,71154851	6,90928938	21,8843411	34,8929372	48,455908	72,3628039	80,2226026
282	4,74135553	6,94556638	21,9431665	34,9660441	48,543798	72,4745853	80,3425852
283	4,77122514	6,98190665	22,0020445	35,0392019	48,6317411	72,5864242	80,4626276
284	4,80115721	7,01831008	22,0609751	35,1124108	48,7197372	72,6983205	80,5827297
285	4,83115162	7,05477656	22,1199581	35,1856705	48,8077863	72,8102743	80,7028915
286	4,86120823	7,09130598	22,1789937	35,2589811	48,8958884	72,9222855	80,8231129
287	4,89132691	7,12789823	22,2380817	35,3323426	48,9840434	73,0343541	80,943394
288	4,92150754	7,16455321	22,297222	35,4057549	49,0722514	73,14648	81,0637347
289	4,95174999	7,2012708	22,3564147	35,4792179	49,1605122	73,2586633	81,184135
290	4,98205413	7,23805091	22,4156597	35,5527317	49,2488259	73,3709038	81,3045948
291	5,01241984	7,27489342	22,4749569	35,6262962	49,3371925	73,4832016	81,4251142
292	5,042847	7,31179823	22,5343063	35,6999114	49,4256118	73,5955567	81,545693
293	5,07333547	7,34876524	22,5937079	35,7735772	49,5140838	73,7079689	81,6663313
294	5,10388514	7,38579433	22,6531616	35,8472936	49,6026086	73,8204384	81,787029
295	5,13449589	7,42288541	22,7126673	35,9210605	49,6911861	73,9329649	81,9077862
296	5,16516759	7,46003838	22,772225	35,994878	49,7798162	74,0455486	82,0286027
297	5,19590012	7,49725312	22,8318347	36,068746	49,868499	74,1581894	82,1494785
298	5,22669336	7,53452954	22,8914964	36,1426644	49,9572344	74,2708872	82,2704137
299	5,2575472	7,57186754	22,9512099	36,2166333	50,0460223	74,3836421	82,3914082
300	5,2884615	7,60926701	23,0109752	36,2906526	50,1348628	74,496454	82,5124619
301	5,31943617	7,64672786	23,0707923	36,3647222	50,2237558	74,6093228	82,6335748
302	5,35047107	7,68424998	23,1306612	36,4388421	50,3127013	74,7222486	82,754747
303	5,38156609	7,72183327	23,1905818	36,5130124	50,4016992	74,8352313	82,8759783
304	5,41272112	7,75947763	23,250554	36,5872329	50,4907495	74,9482709	82,9972687
305	5,44393604	7,79718297	23,3105778	36,6615036	50,5798522	75,0613674	83,1186183
306	5,47521074	7,83494919	23,3706532	36,7358245	50,6690073	75,1745206	83,2400269
307	5,50654509	7,87277619	23,4307801	36,8101955	50,7582146	75,2877307	83,3614946
308	5,537939	7,91066386	23,4909585	36,8846167	50,8474743	75,4009976	83,4830214
309	5,56939234	7,94861212	23,5511883	36,959088	50,9367862	75,5143212	83,6046071
310	5,600905	7,98662087	23,6114695	37,0336093	51,0261504	75,6277015	83,7262518
311	5,63247687	8,02469	23,671802	37,1081806	51,1155668	75,7411385	83,8479554
312	5,66410785	8,06281944	23,7321859	37,182802	51,2050353	75,8546322	83,969718
313	5,69579781	8,10100907	23,792621	37,2574732	51,294556	75,9681825	84,0915394
314	5,72754666	8,13925881	23,8531073	37,3321944	51,3841287	76,0817894	84,2134197
315	5,75935428	8,17756856	23,9136448	37,4069655	51,4737536	76,1954529	84,3353588
316	5,79122056	8,21593823	23,9742334	37,4817864	51,5634305	76,3091729	84,4573567
317	5,8231454	8,25436772	24,0348731	37,5566572	51,6531594	76,4229494	84,5794134

318	5,85512868	8,29285694	24,0955638	37,6315777	51,7429403	76,5367824	84,7015288
319	5,88717031	8,3314058	24,1563056	37,706548	51,8327732	76,6506719	84,8237029
320	5,91927018	8,37001421	24,2170983	37,781568	51,922658	76,7646179	84,9459358
321	5,95142817	8,40868207	24,2779419	37,8566377	52,0125947	76,8786202	85,0682272
322	5,98364419	8,4474093	24,3388363	37,931757	52,1025832	76,9926789	85,1905774
323	6,01591813	8,48619579	24,3997816	38,006926	52,1926236	77,106794	85,3129861
324	6,04824989	8,52504147	24,4607777	38,0821445	52,2827159	77,2209654	85,4354533
325	6,08063937	8,56394624	24,5218245	38,1574127	52,3728598	77,335193	85,5579792
326	6,11308645	8,60291002	24,5829221	38,2327303	52,4630556	77,449477	85,6805635
327	6,14559105	8,64193271	24,6440703	38,3080974	52,553303	77,5638172	85,8032063
328	6,17815305	8,68101422	24,7052691	38,383514	52,6436022	77,6782136	85,9259076
329	6,21077236	8,72015446	24,7665184	38,45898	52,7339529	77,7926662	86,0486674
330	6,24344887	8,75935336	24,8278184	38,5344954	52,8243554	77,9071749	86,1714855
331	6,2761825	8,79861082	24,8891688	38,6100602	52,9148094	78,0217398	86,294362
332	6,30897312	8,83792674	24,9505696	38,6856743	53,005315	78,1363608	86,4172969
333	6,34182066	8,87730106	25,0120209	38,7613376	53,0958721	78,2510378	86,54029
334	6,37472501	8,91673367	25,0735225	38,8370503	53,1864808	78,3657709	86,6633415
335	6,40768607	8,9562245	25,1350745	38,9128122	53,2771409	78,48056	86,7864513
336	6,44070374	8,99577346	25,1966767	38,9886233	53,3678525	78,5954051	86,9096192
337	6,47377793	9,03538046	25,2583292	39,0644835	53,4586155	78,7103062	87,0328454
338	6,50690854	9,07504542	25,3200319	39,1403929	53,5494299	78,8252632	87,1561298
339	6,54009548	9,11476825	25,3817847	39,2163514	53,6402957	78,9402762	87,2794723
340	6,57333865	9,15454887	25,4435877	39,292359	53,7312128	79,055345	87,402873
341	6,60663795	9,19438719	25,5054407	39,3684156	53,8221812	79,1704696	87,5263318
342	6,63999329	9,23428314	25,5673438	39,4445212	53,9132009	79,2856501	87,6498486
343	6,67340457	9,27423662	25,6292969	39,5206758	54,0042719	79,4008864	87,7734235
344	6,70687171	9,31424756	25,6913	39,5968793	54,0953941	79,5161785	87,8970564
345	6,74039461	9,35431588	25,7533529	39,6731318	54,1865674	79,6315263	88,0207473
346	6,77397318	9,39444148	25,8154558	39,7494332	54,277792	79,7469298	88,1444962
347	6,80760732	9,4346243	25,8776085	39,8257834	54,3690676	79,8623891	88,268303
348	6,84129695	9,47486424	25,939811	39,9021824	54,4603944	79,977904	88,3921677
349	6,87504196	9,51516124	26,0020632	39,9786302	54,5517723	80,0934745	88,5160903
350	6,90884228	9,55551519	26,0643652	40,0551268	54,6432012	80,2091007	88,6400708
351	6,94269781	9,59592604	26,1267168	40,1316721	54,7346811	80,3247824	88,7641091
352	6,97660846	9,63639369	26,1891181	40,208266	54,826212	80,4405197	88,8882052
353	7,01057414	9,67691807	26,251569	40,2849087	54,9177939	80,5563126	89,012359
354	7,04459477	9,7174991	26,3140694	40,3616	55,0094267	80,6721609	89,1365707
355	7,07867024	9,75813669	26,3766194	40,4383399	55,1011104	80,7880648	89,26084
356	7,11280049	9,79883078	26,4392189	40,5151284	55,192845	80,904024	89,3851671
357	7,14698541	9,83958127	26,5018678	40,5919654	55,2846305	81,0200387	89,5095518
358	7,18122492	9,8803881	26,5645661	40,6688509	55,3764668	81,1361089	89,6339941
359	7,21551894	9,92125119	26,6273137	40,7457849	55,4683538	81,2522343	89,7584941
360	7,24986737	9,96217046	26,6901107	40,8227674	55,5602917	81,3684152	89,8830517
361	7,28427014	10,0031458	26,752957	40,8997983	55,6522802	81,4846513	90,0076668
362	7,31872715	10,0441772	26,8158525	40,9768776	55,7443195	81,6009428	90,1323394
363	7,35323832	10,0852646	26,8787973	41,0540052	55,8364095	81,7172895	90,2570696

364	7,38780356	10,1264078	26,9417912	41,1311812	55,9285501	81,8336915	90,3818573
365	7,4224228	10,1676068	27,0048343	41,2084054	56,0207414	81,9501487	90,5067024
366	7,45709595	10,2088615	27,0679264	41,285678	56,1129833	82,066661	90,6316049
367	7,49182291	10,2501719	27,1310676	41,3629988	56,2052757	82,1832286	90,7565648
368	7,52660362	10,2915378	27,1942579	41,4403677	56,2976187	82,2998512	90,8815822
369	7,56143798	10,3329593	27,2574971	41,5177849	56,3900121	82,416529	91,0066568
370	7,59632592	10,3744362	27,3207852	41,5952502	56,4824561	82,5332619	91,1317888
371	7,63126736	10,4159684	27,3841223	41,6727636	56,5749506	82,6500498	91,2569781
372	7,6662622	10,4575559	27,4475082	41,7503252	56,6674954	82,7668928	91,3822247
373	7,70131037	10,4991986	27,510943	41,8279347	56,7600907	82,8837908	91,5075285
374	7,73641179	10,5408964	27,5744265	41,9055924	56,8527364	83,0007438	91,6328895
375	7,77156638	10,5826492	27,6379589	41,983298	56,9454324	83,1177517	91,7583078
376	7,80677405	10,6244571	27,7015399	42,0610515	57,0381787	83,2348145	91,8837832
377	7,84203473	10,6663199	27,7651696	42,1388531	57,1309753	83,3519323	92,0093157
378	7,87734834	10,7082375	27,828848	42,2167025	57,2238222	83,4691049	92,1349053
379	7,9127148	10,7502099	27,8925749	42,2945998	57,3167194	83,5863324	92,2605521
380	7,94813403	10,7922369	27,9563505	42,372545	57,4096668	83,7036147	92,3862559
381	7,98360595	10,8343186	28,0201745	42,450538	57,5026643	83,8209519	92,5120167
382	8,01913048	10,8764549	28,0840471	42,5285788	57,595712	83,9383438	92,6378346
383	8,05470755	10,9186456	28,1479681	42,6066673	57,6888099	84,0557904	92,7637094
384	8,09033707	10,9608908	28,2119375	42,6848036	57,7819578	84,1732918	92,8896412
385	8,12601898	11,0031903	28,2759554	42,7629876	57,8751558	84,2908479	93,01563
386	8,16175319	11,045544	28,3400216	42,8412193	57,9684039	84,4084586	93,1416756
387	8,19753962	11,087952	28,404136	42,9194986	58,061702	84,526124	93,2677782
388	8,23337821	11,1304141	28,4682988	42,9978255	58,1550501	84,643844	93,3939376
389	8,26926887	11,1729303	28,5325098	43,0762	58,2484482	84,7616187	93,5201538
390	8,30521154	11,2155004	28,596769	43,1546221	58,3418963	84,8794479	93,6464268
391	8,34120613	11,2581245	28,6610764	43,2330918	58,4353942	84,9973316	93,7727566
392	8,37725257	11,3008025	28,7254319	43,3116089	58,528942	85,1152699	93,8991432
393	8,41335078	11,3435342	28,7898355	43,3901735	58,6225398	85,2332627	94,0255865
394	8,4495007	11,3863197	28,8542872	43,4687855	58,7161873	85,3513099	94,1520865
395	8,48570224	11,4291589	28,9187869	43,547445	58,8098847	85,4694116	94,2786432
396	8,52195534	11,4720516	28,9833346	43,6261518	58,9036318	85,5875677	94,4052565
397	8,55825992	11,5149978	29,0479302	43,7049061	58,9974287	85,7057782	94,5319265
398	8,59461591	11,5579975	29,1125738	43,7837076	59,0912754	85,8240431	94,658653
399	8,63102323	11,6010506	29,1772652	43,8625565	59,1851717	85,9423623	94,7854362
400	8,66748182	11,644157	29,2420045	43,9414526	59,2791177	86,0607359	94,9122759
401	8,70399159	11,6873167	29,3067916	44,020396	59,3731134	86,1791637	95,0391721
402	8,74055249	11,7305296	29,3716264	44,0993866	59,4671587	86,2976459	95,1661248
403	8,77716443	11,7737956	29,4365091	44,1784243	59,5612537	86,4161822	95,293134
404	8,81382736	11,8171147	29,5014394	44,2575093	59,6553982	86,5347728	95,4201997
405	8,85054119	11,8604867	29,5664174	44,3366414	59,7495922	86,6534176	95,5473218
406	8,88730585	11,9039117	29,631443	44,4158205	59,8438358	86,7721166	95,6745002
407	8,92412128	11,9473896	29,6965162	44,4950468	59,9381288	86,8908697	95,8017351
408	8,9609874	11,9909202	29,761637	44,5743201	60,0324714	87,0096769	95,9290263
409	8,99790416	12,0345036	29,8268053	44,6536405	60,1268634	87,1285383	96,0563739

410	9,03487146	12,0781397	29,8920211	44,7330078	60,2213048	87,2474537	96,1837777
411	9,07188926	12,1218284	29,9572844	44,8124221	60,3157956	87,3664232	96,3112378
412	9,10895748	12,1655697	30,0225951	44,8918833	60,4103357	87,4854467	96,4387542
413	9,14607604	12,2093634	30,0879532	44,9713915	60,5049253	87,6045242	96,5663268
414	9,18324489	12,2532096	30,1533586	45,0509465	60,5995641	87,7236556	96,6939556
415	9,22046395	12,2971081	30,2188114	45,1305484	60,6942522	87,8428411	96,8216406
416	9,25773316	12,3410589	30,2843115	45,2101971	60,7889896	87,9620804	96,9493817
417	9,29505245	12,3850619	30,3498588	45,2898926	60,8837762	88,0813737	97,077179
418	9,33242175	12,4291172	30,4154534	45,3696349	60,9786121	88,2007208	97,2050324
419	9,36984099	12,4732245	30,4810951	45,449424	61,0734971	88,3201218	97,3329418
420	9,40731012	12,5173839	30,546784	45,5292597	61,1684313	88,4395766	97,4609073
421	9,44482906	12,5615953	30,61252	45,6091422	61,2634146	88,5590852	97,5889288
422	9,48239774	12,6058586	30,6783031	45,6890713	61,3584471	88,6786476	97,7170064
423	9,5200161	12,6501738	30,7441332	45,769047	61,4535286	88,7982638	97,8451399
424	9,55768408	12,6945408	30,8100104	45,8490694	61,5486592	88,9179337	97,9733294
425	9,59540161	12,7389595	30,8759346	45,9291383	61,6438389	89,0376573	98,1015748
426	9,63316863	12,7834299	30,9419057	46,0092538	61,7390675	89,1574346	98,2298761
427	9,67098506	12,827952	31,0079237	46,0894159	61,8343451	89,2772656	98,3582333
428	9,70885085	12,8725256	31,0739886	46,1696244	61,9296717	89,3971502	98,4866464
429	9,74676593	12,9171507	31,1401004	46,2498794	62,0250473	89,5170884	98,6151153
430	9,78473024	12,9618273	31,206259	46,3301808	62,1204717	89,6370802	98,74364
431	9,82274371	13,0065553	31,2724643	46,4105287	62,215945	89,7571256	98,8722205
432	9,86080628	13,0513346	31,3387164	46,490923	62,3114672	89,8772245	99,0008567
433	9,89891789	13,0961651	31,4050153	46,5713636	62,4070383	89,9973769	99,1295487
434	9,93707847	13,1410469	31,4713608	46,6518506	62,5026581	90,1175828	99,2582965
435	9,97528797	13,1859798	31,537753	46,7323839	62,5983267	90,2378422	99,3870999
436	10,0135463	13,2309639	31,6041918	46,8129634	62,6940441	90,358155	99,5159589
437	10,0518534	13,2759989	31,6706772	46,8935893	62,7898102	90,4785213	99,6448736
438	10,0902093	13,321085	31,7372092	46,9742613	62,8856251	90,598941	99,773844
439	10,1286138	13,366222	31,8037876	47,0549796	62,9814886	90,719414	99,9028699
440	10,1670669	13,4114098	31,8704126	47,1357441	63,0774008	90,8399404	100,031951
441	10,2055686	13,4566484	31,937084	47,2165547	63,1733616	90,9605201	100,161088
442	10,2441187	13,5019378	32,0038019	47,2974114	63,269371	91,0811531	100,290281
443	10,2827173	13,5472779	32,0705661	47,3783143	63,3654291	91,2018394	100,419529
444	10,3213642	13,5926687	32,1373767	47,4592632	63,4615356	91,322579	100,548833
445	10,3600594	13,63811	32,2042337	47,5402582	63,5576908	91,4433718	100,678192
446	10,3988028	13,6836018	32,2711369	47,6212991	63,6538944	91,5642178	100,807606
447	10,4375944	13,7291441	32,3380864	47,7023861	63,7501465	91,685117	100,937076
448	10,4764342	13,7747368	32,4050821	47,7835191	63,8464471	91,8060693	101,066601
449	10,5153219	13,8203799	32,4721241	47,864698	63,9427962	91,9270748	101,196182
450	10,5542577	13,8660733	32,5392122	47,9459228	64,0391936	92,0481334	101,325817
451	10,5932415	13,9118169	32,6063464	48,0271935	64,1356395	92,1692452	101,455509
452	10,6322731	13,9576107	32,6735268	48,1085101	64,2321337	92,2904099	101,585255
453	10,6713525	14,0034547	32,7407532	48,1898726	64,3286763	92,4116278	101,715057
454	10,7104797	14,0493487	32,8080257	48,2712808	64,4252671	92,5328986	101,844914
455	10,7496546	14,0952928	32,8753441	48,3527348	64,5219063	92,6542225	101,974826

456	10,7888771	14,1412868	32,9427086	48,4342346	64,6185938	92,7755993	102,104793
457	10,8281472	14,1873308	33,010119	48,5157802	64,7153295	92,8970291	102,234816
458	10,8674649	14,2334246	33,0775753	48,5973714	64,8121134	93,0185118	102,364894
459	10,90683	14,2795682	33,1450776	48,6790084	64,9089455	93,1400474	102,495026
460	10,9462426	14,3257616	33,2126256	48,760691	65,0058258	93,2616359	102,625214
461	10,9857025	14,3720047	33,2802195	48,8424192	65,1027543	93,3832773	102,755457
462	11,0252097	14,4182975	33,3478592	48,924193	65,1997308	93,5049715	102,885755
463	11,0647641	14,4646398	33,4155447	49,0060125	65,2967555	93,6267186	103,016108
464	11,1043658	14,5110317	33,4832758	49,0878775	65,3938283	93,7485184	103,146517
465	11,1440146	14,5574731	33,5510527	49,169788	65,4909491	93,870371	103,27698
466	11,1837104	14,6039639	33,6188753	49,251744	65,588118	93,9922763	103,407498
467	11,2234533	14,6505041	33,6867435	49,3337455	65,6853348	94,1142344	103,538071
468	11,2632431	14,6970936	33,7546573	49,4157925	65,7825997	94,2362452	103,668698
469	11,3030799	14,7437324	33,8226166	49,4978849	65,8799125	94,3583086	103,799381
470	11,3429635	14,7904205	33,8906216	49,5800227	65,9772732	94,4804247	103,930119
471	11,3828939	14,8371577	33,958672	49,662206	66,0746819	94,6025935	104,060911
472	11,4228711	14,883944	34,0267679	49,7444345	66,1721384	94,7248148	104,191758
473	11,4628949	14,9307795	34,0949093	49,8267084	66,2696428	94,8470888	104,322661
474	11,5029654	14,9776639	34,1630961	49,9090276	66,3671951	94,9694153	104,453617
475	11,5430825	15,0245973	34,2313283	49,9913921	66,4647952	95,0917943	104,584629
476	11,5832461	15,0715797	34,2996059	50,0738019	66,5624431	95,2142259	104,715695
477	11,6234561	15,1186109	34,3679288	50,1562568	66,6601387	95,33671	104,846816
478	11,6637126	15,1656909	34,436297	50,238757	66,7578821	95,4592465	104,977992
479	11,7040155	15,2128197	34,5047105	50,3213024	66,8556733	95,5818355	105,109222
480	11,7443646	15,2599972	34,5731692	50,4038929	66,9535121	95,704477	105,240507
481	11,7847601	15,3072234	34,6416732	50,4865286	67,0513986	95,8271708	105,371847
482	11,8252017	15,3544982	34,7102223	50,5692094	67,1493328	95,9499171	105,503241
483	11,8656895	15,4018216	34,7788166	50,6519352	67,2473146	96,0727157	105,63469
484	11,9062234	15,4491934	34,847456	50,7347062	67,345344	96,1955666	105,766193
485	11,9468034	15,4966138	34,9161405	50,8175221	67,443421	96,3184698	105,897751
486	11,9874293	15,5440826	34,9848701	50,9003831	67,5415456	96,4414254	106,029364
487	12,0281012	15,5915997	35,0536447	50,9832891	67,6397177	96,5644332	106,161031
488	12,068819	15,6391652	35,1224643	51,06624	67,7379373	96,6874933	106,292752
489	12,1095826	15,6867789	35,1913289	51,1492359	67,8362044	96,8106056	106,424528
490	12,1503921	15,7344409	35,2602385	51,2322766	67,934519	96,9337702	106,556358
491	12,1912472	15,782151	35,3291929	51,3153623	68,0328811	97,0569869	106,688242
492	12,2321481	15,8299092	35,3981923	51,3984928	68,1312905	97,1802557	106,820181
493	12,2730946	15,8777156	35,4672365	51,4816682	68,2297474	97,3035768	106,952174
494	12,3140866	15,9255699	35,5363255	51,5648884	68,3282517	97,4269499	107,084222
495	12,3551243	15,9734723	35,6054594	51,6481534	68,4268033	97,5503751	107,216324
496	12,3962074	16,0214225	35,674638	51,7314632	68,5254022	97,6738525	107,34848
497	12,4373359	16,0694207	35,7438614	51,8148177	68,6240485	97,7973818	107,48069
498	12,4785098	16,1174667	35,8131295	51,8982169	68,7227421	97,9209632	107,612955
499	12,5197291	16,1655605	35,8824423	51,9816608	68,8214829	98,0445966	107,745274
500	12,5609936	16,213702	35,9517997	52,0651494	68,920271	98,168282	107,877647
501	12,6023034	16,2618912	36,0212017	52,1486827	69,0191062	98,2920194	108,010074

502	12,6436584	16,3101281	36,0906484	52,2322605	69,1179887	98,4158087	108,142555
503	12,6850585	16,3584126	36,1601396	52,315883	69,2169184	98,5396499	108,275091
504	12,7265036	16,4067446	36,2296754	52,3995501	69,3158952	98,6635431	108,40768
505	12,7679939	16,4551241	36,2992557	52,4832617	69,4149192	98,7874881	108,540324
506	12,8095291	16,5035511	36,3688805	52,5670178	69,5139902	98,911485	108,673022
507	12,8511093	16,5520255	36,4385497	52,6508184	69,6131084	99,0355337	108,805773
508	12,8927343	16,6005472	36,5082634	52,7346636	69,7122736	99,1596342	108,938579
509	12,9344042	16,6491163	36,5780215	52,8185532	69,8114859	99,2837865	109,071439
510	12,9761189	16,6977327	36,6478239	52,9024872	69,9107452	99,4079906	109,204352
511	13,0178784	16,7463963	36,7176707	52,9864656	70,0100514	99,5322465	109,33732
512	13,0596825	16,7951071	36,7875618	53,0704884	70,1094047	99,656554	109,470342
513	13,1015313	16,843865	36,8574972	53,1545556	70,2088049	99,7809133	109,603417
514	13,1434247	16,89267	36,9274769	53,2386672	70,308252	99,9053243	109,736546
515	13,1853627	16,941522	36,9975008	53,322823	70,4077461	100,029787	109,86973
516	13,2273451	16,9904211	37,0675689	53,4070232	70,507287	100,154301	110,002967
517	13,2693721	17,0393671	37,1376811	53,4912676	70,6068748	100,278867	110,136257
518	13,3114434	17,08836	37,2078376	53,5755563	70,7065095	100,403485	110,269602
519	13,3535591	17,1373998	37,2780381	53,6598892	70,806191	100,528154	110,403
520	13,3957192	17,1864864	37,3482827	53,7442663	70,9059192	100,652874	110,536453
521	13,4379235	17,2356198	37,4185714	53,8286875	71,0056943	100,777646	110,669958
522	13,4801721	17,2847999	37,4889042	53,913153	71,1055161	100,90247	110,803518
523	13,5224648	17,3340267	37,5592809	53,9976626	71,2053846	101,027345	110,937131
524	13,5648017	17,3833001	37,6297017	54,0822162	71,3052999	101,152272	111,070798
525	13,6071826	17,4326202	37,7001664	54,166814	71,4052618	101,27725	111,204519
526	13,6496076	17,4819868	37,770675	54,2514558	71,5052704	101,402279	111,338293
527	13,6920766	17,5313999	37,8412275	54,3361417	71,6053256	101,52736	111,472121
528	13,7345896	17,5808595	37,9118239	54,4208716	71,7054275	101,652493	111,606002
529	13,7771465	17,6303655	37,9824642	54,5056455	71,805576	101,777676	111,739937
530	13,8197472	17,6799179	38,0531482	54,5904634	71,9057711	101,902911	111,873926
531	13,8623918	17,7295166	38,1238761	54,6753252	72,0060127	102,028198	112,007968
532	13,9050801	17,7791616	38,1946477	54,7602309	72,1063008	102,153535	112,142063
533	13,9478121	17,8288529	38,2654631	54,8451806	72,2066355	102,278924	112,276212
534	13,9905879	17,8785904	38,3363222	54,9301741	72,3070167	102,404365	112,410414
535	14,0334073	17,928374	38,4072249	55,0152115	72,4074443	102,529856	112,54467
536	14,0762702	17,9782038	38,4781713	55,1002927	72,5079184	102,655399	112,678979
537	14,1191768	18,0280797	38,5491614	55,1854177	72,6084389	102,780993	112,813342
538	14,1621268	18,0780015	38,620195	55,2705866	72,7090059	102,906638	112,947758
539	14,2051203	18,1279694	38,6912723	55,3557992	72,8096192	103,032334	113,082227
540	14,2481572	18,1779833	38,762393	55,4410555	72,9102789	103,158081	113,21675
541	14,2912375	18,228043	38,8335573	55,5263556	73,0109849	103,283879	113,351326
542	14,3343611	18,2781486	38,9047651	55,6116993	73,1117373	103,409729	113,485955
543	14,377528	18,3283	38,9760164	55,6970868	73,2125359	103,53563	113,620638
544	14,4207382	18,3784973	39,0473111	55,7825179	73,3133809	103,661581	113,755373
545	14,4639915	18,4287402	39,1186492	55,8679927	73,4142721	103,787584	113,890162
546	14,5072881	18,4790289	39,1900308	55,953511	73,5152095	103,913638	114,025004
547	14,5506277	18,5293632	39,2614557	56,039073	73,6161932	104,039742	114,1599

548	14,5940104	18,5797432	39,3329239	56,1246785	73,717223	104,165898	114,294848
549	14,6374361	18,6301687	39,4044354	56,2103275	73,818299	104,292105	114,42985
550	14,6809048	18,6806398	39,4759902	56,2960201	73,9194212	104,418362	114,564904
551	14,7244165	18,7311563	39,5475883	56,3817562	74,0205895	104,544671	114,700012
552	14,7679711	18,7817183	39,6192296	56,4675358	74,121804	104,67103	114,835173
553	14,8115685	18,8323257	39,6909142	56,5533588	74,2230645	104,79744	114,970387
554	14,8552087	18,8829785	39,7626419	56,6392253	74,3243711	104,923901	115,105654
555	14,8988918	18,9336767	39,8344127	56,7251351	74,4257237	105,050413	115,240974
556	14,9426175	18,9844201	39,9062267	56,8110884	74,5271224	105,176976	115,376347
557	14,9863859	19,0352087	39,9780838	56,897085	74,628567	105,303589	115,511773
558	15,030197	19,0860426	40,049984	56,983125	74,7300577	105,430254	115,647251
559	15,0740508	19,1369217	40,1219272	57,0692083	74,8315943	105,556969	115,782783
560	15,117947	19,1878459	40,1939135	57,1553349	74,9331769	105,683734	115,918368
561	15,1618858	19,2388151	40,2659428	57,2415048	75,0348054	105,810551	116,054005
562	15,2058671	19,2898294	40,338015	57,327718	75,1364798	105,937418	116,189696
563	15,2498908	19,3408888	40,4101302	57,4139744	75,2382	106,064336	116,325439
564	15,293957	19,3919931	40,4822883	57,500274	75,3399662	106,191304	116,461235
565	15,3380655	19,4431423	40,5544893	57,5866168	75,4417781	106,318323	116,597084
566	15,3822163	19,4943364	40,6267331	57,6730028	75,5436359	106,445393	116,732986
567	15,4264094	19,5455754	40,6990199	57,759432	75,6455395	106,572513	116,86894
568	15,4706447	19,5968592	40,7713494	57,8459042	75,7474889	106,699684	117,004947
569	15,5149223	19,6481878	40,8437218	57,9324196	75,8494841	106,826905	117,141007
570	15,559242	19,6995611	40,9161369	58,0189781	75,9515249	106,954177	117,27712
571	15,6036038	19,7509791	40,9885947	58,1055796	76,0536115	107,081499	117,413285
572	15,6480077	19,8024417	41,0610953	58,1922242	76,1557438	107,208872	117,549503
573	15,6924537	19,853949	41,1336386	58,2789118	76,2579218	107,336295	117,685773
574	15,7369416	19,9055009	41,2062245	58,3656424	76,3601454	107,463769	117,822096
575	15,7814715	19,9570973	41,2788531	58,452416	76,4624147	107,591293	117,958472
576	15,8260434	20,0087382	41,3515243	58,5392326	76,5647296	107,718868	118,094901
577	15,8706571	20,0604236	41,4242382	58,626092	76,66709	107,846493	118,231381
578	15,9153126	20,1121534	41,4969945	58,7129945	76,7694961	107,974168	118,367915
579	15,96001	20,1639275	41,5697935	58,7999398	76,8719477	108,101894	118,504501
580	16,0047491	20,2157461	41,6426349	58,8869279	76,9744448	108,22967	118,641139
581	16,04953	20,2676089	41,7155189	58,973959	77,0769875	108,357496	118,77783
582	16,0943525	20,319516	41,7884453	59,0610328	77,1795756	108,485373	118,914574
583	16,1392167	20,3714674	41,8614141	59,1481495	77,2822092	108,613299	119,051369
584	16,1841225	20,423463	41,9344254	59,235309	77,3848883	108,741276	119,188218
585	16,2290699	20,4755027	42,0074791	59,3225112	77,4876128	108,869304	119,325118
586	16,2740588	20,5275865	42,0805752	59,4097562	77,5903827	108,997381	119,462071
587	16,3190892	20,5797145	42,1537136	59,4970439	77,693198	109,125509	119,599077
588	16,3641611	20,6318865	42,2268943	59,5843744	77,7960587	109,253687	119,736134
589	16,4092743	20,6841025	42,3001173	59,6717475	77,8989648	109,381915	119,873244
590	16,454429	20,7363624	42,3733826	59,7591632	78,0019161	109,510193	120,010406
591	16,499625	20,7886664	42,4466902	59,8466217	78,1049128	109,638521	120,147621
592	16,5448623	20,8410142	42,52004	59,9341227	78,2079548	109,7669	120,284888
593	16,5901409	20,8934058	42,5934319	60,0216664	78,3110421	109,895328	120,422207

594	16,6354607	20,9458414	42,6668661	60,1092526	78,4141746	110,023806	120,559578
595	16,6808217	20,9983207	42,7403424	60,1968814	78,5173523	110,152335	120,697002
596	16,7262238	21,0508437	42,8138609	60,2845527	78,6205753	110,280913	120,834477
597	16,7716671	21,1034105	42,8874214	60,3722666	78,7238434	110,409542	120,972005
598	16,8171514	21,156021	42,961024	60,4600229	78,8271568	110,53822	121,109585
599	16,8626768	21,2086751	43,0346687	60,5478218	78,9305152	110,666949	121,247217
600	16,9082432	21,2613728	43,1083554	60,6356631	79,0339189	110,795727	121,384901
601	16,9538506	21,3141141	43,1820842	60,7235468	79,1373676	110,924555	121,522637
602	16,9994989	21,3668989	43,2558549	60,8114729	79,2408614	111,053433	121,660426
603	17,0451881	21,4197272	43,3296675	60,8994415	79,3444003	111,182361	121,798266
604	17,0909181	21,472599	43,4035222	60,9874524	79,4479843	111,311339	121,936158
605	17,136689	21,5255142	43,4774187	61,0755057	79,5516133	111,440367	122,074103
606	17,1825007	21,5784729	43,5513571	61,1636013	79,6552873	111,569444	122,212099
607	17,2283531	21,6314749	43,6253374	61,2517392	79,7590063	111,698572	122,350147
608	17,2742462	21,6845202	43,6993595	61,3399195	79,8627703	111,827749	122,488247
609	17,32018	21,7376088	43,7734234	61,428142	79,9665792	111,956976	122,6264
610	17,3661544	21,7907406	43,8475292	61,5164067	80,0704331	112,086252	122,764604
611	17,4121695	21,8439157	43,9216767	61,6047137	80,174332	112,215579	122,90286
612	17,4582251	21,8971339	43,9958659	61,6930629	80,2782757	112,344955	123,041167
613	17,5043213	21,9503953	44,0700969	61,7814543	80,3822643	112,47438	123,179527
614	17,5504579	22,0036998	44,1443696	61,8698879	80,4862977	112,603856	123,317938
615	17,5966351	22,0570474	44,218684	61,9583636	80,590376	112,733381	123,456402
616	17,6428526	22,1104381	44,29304	62,0468815	80,6944991	112,862955	123,594917
617	17,6891106	22,1638717	44,3674376	62,1354415	80,7986671	112,992579	123,733483
618	17,7354089	22,2173483	44,4418769	62,2240435	80,9028798	113,122253	123,872102
619	17,7817475	22,2708679	44,5163577	62,3126877	81,0071372	113,251977	124,010772
620	17,8281264	22,3244304	44,5908801	62,4013739	81,1114395	113,38175	124,149494
621	17,8745455	22,3780357	44,6654441	62,4901021	81,2157864	113,511572	124,288268
622	17,9210049	22,4316839	44,7400495	62,5788724	81,3201781	113,641444	124,427093
623	17,9675045	22,4853749	44,8146965	62,6676846	81,4246144	113,771366	124,56597
624	18,0140442	22,5391086	44,8893849	62,7565388	81,5290954	113,901336	124,704899
625	18,060624	22,5928851	44,9641147	62,845435	81,6336211	114,031357	124,843879
626	18,1072439	22,6467043	45,038886	62,9343731	81,7381914	114,161427	124,982911
627	18,1539039	22,7005661	45,1136987	63,0233531	81,8428063	114,291546	125,121994
628	18,2006038	22,7544706	45,1885528	63,112375	81,9474658	114,421715	125,261129
629	18,2473438	22,8084177	45,2634482	63,2014388	82,0521699	114,551933	125,400316
630	18,2941236	22,8624073	45,3383849	63,2905445	82,1569185	114,6822	125,539554
631	18,3409434	22,9164395	45,413363	63,379692	82,2617117	114,812517	125,678843
632	18,3878031	22,9705142	45,4883823	63,4688813	82,3665493	114,942883	125,818184
633	18,4347026	23,0246313	45,5634429	63,5581124	82,4714315	115,073298	125,957576
634	18,4816419	23,0787909	45,6385448	63,6473853	82,5763582	115,203763	126,09702
635	18,5286209	23,1329929	45,7136879	63,7366999	82,6813293	115,334277	126,236516
636	18,5756397	23,1872372	45,7888721	63,8260563	82,7863449	115,46484	126,376062
637	18,6226983	23,2415239	45,8640975	63,9154544	82,8914049	115,595452	126,51566
638	18,6697965	23,2958529	45,9393641	64,0048941	82,9965093	115,726114	126,65531
639	18,7169343	23,3502241	46,0146718	64,0943756	83,101658	115,856825	126,79501

640	18,7641117	23,4046376	46,0900207	64,1838988	83,2068512	115,987585	126,934763
641	18,8113287	23,4590933	46,1654106	64,2734635	83,3120887	116,118394	127,074566
642	18,8585853	23,5135911	46,2408415	64,3630699	83,4173705	116,249252	127,214421
643	18,9058813	23,5681311	46,3163135	64,4527179	83,5226967	116,380159	127,354327
644	18,9532168	23,6227132	46,3918265	64,5424075	83,6280671	116,511116	127,494284
645	19,0005918	23,6773374	46,4673805	64,6321387	83,7334818	116,642121	127,634292
646	19,0480061	23,7320036	46,5429755	64,7219114	83,8389407	116,773176	127,774352
647	19,0954599	23,7867118	46,6186114	64,8117256	83,9444439	116,90428	127,914463
648	19,142953	23,8414619	46,6942883	64,9015813	84,0499914	117,035432	128,054625
649	19,1904854	23,896254	46,770006	64,9914785	84,155583	117,166634	128,194838
650	19,238057	23,9510881	46,8457647	65,0814172	84,2612188	117,297885	128,335102
651	19,2856679	24,005964	46,9215642	65,1713973	84,3668987	117,429185	128,475418
652	19,3333181	24,0608817	46,9974045	65,2614189	84,4726228	117,560533	128,615784
653	19,3810074	24,1158413	47,0732857	65,3514818	84,578391	117,691931	128,756202
654	19,4287358	24,1708427	47,1492076	65,4415862	84,6842034	117,823377	128,89667
655	19,4765034	24,2258858	47,2251704	65,5317319	84,7900598	117,954873	129,03719
656	19,52431	24,2809706	47,3011739	65,621919	84,8959603	118,086417	129,177761
657	19,5721557	24,3360971	47,3772181	65,7121475	85,0019048	118,21801	129,318383
658	19,6200404	24,3912652	47,453303	65,8024172	85,1078934	118,349652	129,459055
659	19,6679641	24,446475	47,5294286	65,8927282	85,213926	118,481343	129,599779
660	19,7159268	24,5017264	47,6055948	65,9830805	85,3200026	118,613082	129,740554
661	19,7639284	24,5570193	47,6818017	66,0734741	85,4261232	118,744871	129,881379
662	19,8119689	24,6123538	47,7580493	66,1639089	85,5322877	118,876708	130,022256
663	19,8600482	24,6677298	47,8343374	66,254385	85,6384962	119,008594	130,163183
664	19,9081664	24,7231472	47,9106661	66,3449022	85,7447486	119,140529	130,304162
665	19,9563233	24,7786061	47,9870354	66,4354606	85,8510449	119,272512	130,445191
666	20,0045191	24,8341064	48,0634452	66,5260602	85,9573851	119,404544	130,586271
667	20,0527535	24,8896481	48,1398955	66,616701	86,0637691	119,536625	130,727402
668	20,1010267	24,9452311	48,2163863	66,7073828	86,1701971	119,668754	130,868583
669	20,1493386	25,0008554	48,2929175	66,7981058	86,2766688	119,800932	131,009816
670	20,1976891	25,056521	48,3694892	66,8888699	86,3831844	119,933159	131,151099
671	20,2460782	25,1122278	48,4461014	66,979675	86,4897437	120,065434	131,292433
672	20,2945058	25,1679759	48,5227539	67,0705212	86,5963469	120,197758	131,433818
673	20,3429721	25,2237652	48,5994469	67,1614084	86,7029938	120,330131	131,575253
674	20,3914768	25,2795956	48,6761802	67,2523367	86,8096844	120,462552	131,716739
675	20,4400201	25,3354672	48,7529538	67,3433059	86,9164188	120,595021	131,858276
676	20,4886018	25,3913798	48,8297678	67,4343161	87,0231969	120,72754	131,999863
677	20,5372219	25,4473336	48,906622	67,5253673	87,1300187	120,860106	132,141501
678	20,5858805	25,5033283	48,9835166	67,6164594	87,2368841	120,992721	132,28319
679	20,6345774	25,5593641	49,0604514	67,7075925	87,3437932	121,125385	132,424929
680	20,6833126	25,6154409	49,1374264	67,7987665	87,450746	121,258097	132,566719
681	20,7320862	25,6715586	49,2144416	67,8899813	87,5577423	121,390857	132,70856
682	20,780898	25,7277172	49,2914971	67,981237	87,6647823	121,523666	132,850451
683	20,8297481	25,7839168	49,3685927	68,0725336	87,7718658	121,656523	132,992392
684	20,8786363	25,8401572	49,4457285	68,163871	87,878993	121,789429	133,134384
685	20,9275628	25,8964384	49,5229044	68,2552492	87,9861636	121,922383	133,276427

686	20,9765275	25,9527604	49,6001204	68,3466682	88,0933778	122,055385	133,41852
687	21,0255302	26,0091232	49,6773765	68,438128	88,2006355	122,188436	133,560663
688	21,0745711	26,0655267	49,7546727	68,5296285	88,3079367	122,321535	133,702857
689	21,123365	26,121971	49,8320089	68,6211698	88,4152814	122,454682	133,845101
690	21,172767	26,1784559	49,9093851	68,7127518	88,5226695	122,587878	133,987396
691	21,221922	26,2349815	49,9868014	68,8043745	88,6301011	122,721122	134,129741
692	21,2711149	26,2915477	50,0642576	68,896038	88,7375761	122,854414	134,272137
693	21,3203459	26,3481545	50,1417538	68,987742	88,8450945	122,987754	134,414583
694	21,3696147	26,4048019	50,21929	69,0794868	88,9526563	123,121143	134,557079
695	21,4189214	26,4614898	50,296866	69,1712721	89,0602614	123,254579	134,699626
696	21,468266	26,5182183	50,374482	69,2630981	89,16791	123,388064	134,842222
697	21,5176484	26,5749872	50,4521379	69,3549647	89,2756018	123,521597	134,98487
698	21,5670687	26,6317965	50,5298336	69,4468718	89,383337	123,655178	135,127567
699	21,6165267	26,6886463	50,6075692	69,5388195	89,4911155	123,788808	135,270315
700	21,6660225	26,7455365	50,6853446	69,6308078	89,5989373	123,922485	135,413112
701	21,7155559	26,802467	50,7631598	69,7228366	89,7068023	124,05621	135,55596
702	21,7651271	26,8594379	50,8410147	69,8149059	89,8147106	124,189984	135,698859
703	21,8147359	26,9164491	50,9189095	69,9070156	89,9226621	124,323806	135,841807
704	21,8643824	26,9735006	50,9968439	69,9991659	90,0306568	124,457675	135,984806
705	21,9140665	27,0305923	51,0748181	70,0913566	90,1386948	124,591593	136,127855
706	21,9637881	27,0877242	51,152832	70,1835878	90,2467759	124,725558	136,270953
707	22,0135473	27,1448964	51,2308856	70,2758593	90,3549002	124,859572	136,414102
708	22,063344	27,2021087	51,3089789	70,3681713	90,4630676	124,993634	136,557302
709	22,1131783	27,2593611	51,3871117	70,4605236	90,5712781	125,127743	136,700551
710	22,1630499	27,3166536	51,4652842	70,5529164	90,6795318	125,2619	136,84385
711	22,212959	27,3739863	51,5434963	70,6453494	90,7878286	125,396106	136,987199
712	22,2629056	27,431359	51,621748	70,7378228	90,8961684	125,530359	137,130598
713	22,3128895	27,4887717	51,7000392	70,8303365	91,0045513	125,66466	137,274048
714	22,3629107	27,5462244	51,77837	70,9228905	91,1129773	125,799009	137,417547
715	22,4129693	27,6037171	51,8567403	71,0154848	91,2214462	125,933406	137,561096
716	22,4630651	27,6612497	51,9351501	71,1081194	91,3299582	126,067851	137,704695
717	22,5131983	27,7188222	52,0135994	71,2007942	91,4385132	126,202343	137,848344
718	22,5633686	27,7764347	52,0920881	71,2935092	91,5471111	126,336883	137,992043
719	22,6135762	27,834087	52,1706163	71,3862644	91,655752	126,471471	138,135792
720	22,663821	27,8917791	52,2491839	71,4790598	91,7644359	126,606107	138,279591
721	22,7141029	27,949511	52,3277909	71,5718954	91,8731627	126,740791	138,42344
722	22,764422	28,0072827	52,4064373	71,6647712	91,9819323	126,875522	138,567338
723	22,8147782	28,0650942	52,485123	71,757687	92,0907449	127,010301	138,711287
724	22,8651714	28,1229453	52,5638481	71,8506431	92,1996003	127,145127	138,855285
725	22,9156017	28,1808362	52,6426125	71,9436392	92,3084986	127,280002	138,999333
726	22,966069	28,2387667	52,7214162	72,0366754	92,4174398	127,414924	139,14343
727	23,0165733	28,2967369	52,8002592	72,1297516	92,5264238	127,549893	139,287578
728	23,0671146	28,3547467	52,8791414	72,2228679	92,6354505	127,684911	139,431775
729	23,1176928	28,4127961	52,9580629	72,3160243	92,7445201	127,819975	139,576022
730	23,1683079	28,470885	53,0370236	72,4092207	92,8536324	127,955088	139,720319
731	23,2189599	28,5290135	53,1160236	72,502457	92,9627875	128,090248	139,864665

732	23,2696488	28,5871815	53,1950627	72,5957334	93,0719853	128,225455	140,009061
733	23,3203745	28,6453889	53,274141	72,6890497	93,1812259	128,360711	140,153507
734	23,371137	28,7036359	53,3532584	72,782406	93,2905092	128,496013	140,298002
735	23,4219363	28,7619222	53,4324149	72,8758022	93,3998351	128,631363	140,442547
736	23,4727723	28,8202479	53,5116106	72,9692383	93,5092037	128,766761	140,587142
737	23,5236451	28,878613	53,5908453	73,0627143	93,618615	128,902206	140,731786
738	23,5745545	28,9370175	53,6701191	73,1562302	93,7280689	129,037699	140,876479
739	23,6255007	28,9954613	53,749432	73,249786	93,8375654	129,173239	141,021223
740	23,6764834	29,0539443	53,8287839	73,3433816	93,9471046	129,308826	141,166015
741	23,7275028	29,1124667	53,9081748	73,4370171	94,0566863	129,444461	141,310858
742	23,7785588	29,1710282	53,9876047	73,5306923	94,1663106	129,580143	141,45575
743	23,8296514	29,229629	54,0670736	73,6244074	94,2759775	129,715873	141,600691
744	23,8807805	29,288269	54,1465814	73,7181622	94,3856869	129,85165	141,745682
745	23,9319461	29,3469482	54,2261281	73,8119568	94,4954388	129,987474	141,890722
746	23,9831482	29,4056664	54,3057138	73,9057911	94,6052333	130,123346	142,035812
747	24,0343868	29,4644238	54,3853384	73,9996652	94,7150702	130,259265	142,180951
748	24,0856618	29,5232203	54,4650018	74,093579	94,8249496	130,395231	142,326139
749	24,1369732	29,5820558	54,5447042	74,1875325	94,9348714	130,531244	142,471377
750	24,188321	29,6409304	54,6244453	74,2815256	95,0448357	130,667305	142,616664
751	24,2397052	29,6998439	54,7042253	74,3755584	95,1548424	130,803413	142,762001
752	24,2911257	29,7587965	54,7840441	74,4696309	95,2648916	130,939568	142,907387
753	24,3425825	29,817788	54,8639016	74,563743	95,3749831	131,075771	143,052822
754	24,3940756	29,8768184	54,9437979	74,6578947	95,485117	131,21202	143,198307
755	24,445605	29,9358877	55,023733	74,752086	95,5952933	131,348317	143,34384
756	24,4971705	29,9949959	55,1037068	74,8463169	95,7055119	131,484661	143,489424
757	24,5487723	30,054143	55,1837193	74,9405873	95,8157728	131,621052	143,635056
758	24,6004103	30,1133289	55,2637705	75,0348973	95,926076	131,75749	143,780738
759	24,6520844	30,1725536	55,3438603	75,1292468	96,0364216	131,893976	143,926468
760	24,7037947	30,231817	55,4239889	75,2236358	96,1468094	132,030508	144,072248
761	24,7555411	30,2911192	55,504156	75,3180643	96,2572394	132,167088	144,218078
762	24,8073235	30,3504602	55,5843618	75,4125323	96,3677118	132,303714	144,363956
763	24,859142	30,4098398	55,6646061	75,5070398	96,4782263	132,440388	144,509884
764	24,9109965	30,4692581	55,7448891	75,6015867	96,5887831	132,577108	144,65586
765	24,9628871	30,5287151	55,8252106	75,696173	96,699382	132,713876	144,801886
766	25,0148136	30,5882107	55,9055706	75,7907988	96,8100232	132,850691	144,947961
767	25,066776	30,6477448	55,9859692	75,8854639	96,9207065	132,987552	145,094085
768	25,1187744	30,7073176	56,0664062	75,9801685	97,0314319	133,124461	145,240258
769	25,1708087	30,7669289	56,1468818	76,0749124	97,1421995	133,261417	145,38648
770	25,2228789	30,8265787	56,2273958	76,1696956	97,2530093	133,398419	145,532751
771	25,274985	30,8862671	56,3079482	76,2645182	97,3638611	133,535468	145,679071
772	25,3271268	30,9459939	56,3885391	76,3593801	97,474755	133,672565	145,82544
773	25,3793045	31,0057591	56,4691684	76,4542812	97,5856909	133,809708	145,971859
774	25,431518	31,0655628	56,5498361	76,5492217	97,6966689	133,946898	146,118326
775	25,4837672	31,1254049	56,6305422	76,6442014	97,807689	134,084135	146,264842
776	25,5360522	31,1852853	56,7112867	76,7392204	97,9187511	134,221419	146,411407
777	25,5883728	31,2452041	56,7920694	76,8342786	98,0298552	134,358749	146,558021

778	25,6407292	31,3051613	56,8728905	76,9293761	98,1410012	134,496127	146,704684
779	25,6931212	31,3651567	56,9537499	77,0245127	98,2521893	134,633551	146,851395
780	25,7455488	31,4251904	57,0346476	77,1196885	98,3634193	134,771022	146,998156
781	25,7980121	31,4852624	57,1155835	77,2149035	98,4746912	134,90854	147,144965
782	25,8505109	31,5453726	57,1965577	77,3101577	98,5860051	135,046104	147,291824
783	25,9030453	31,605521	57,2775702	77,405451	98,6973609	135,183715	147,438731
784	25,9556152	31,6657075	57,3586208	77,5007834	98,8087586	135,321373	147,585687
785	26,0082207	31,7259323	57,4397096	77,5961549	98,9201981	135,459078	147,732692
786	26,0608617	31,7861951	57,5208366	77,6915655	99,0316796	135,596829	147,879745
787	26,1135381	31,8464961	57,6020018	77,7870151	99,1432028	135,734627	148,026847
788	26,1662499	31,9068352	57,6832051	77,8825039	99,2547679	135,872471	148,173998
789	26,2189972	31,9672123	57,7644465	77,9780316	99,3663749	136,010363	148,321198
790	26,2717799	32,0276274	57,8457261	78,0735984	99,4780236	136,1483	148,468447
791	26,3245979	32,0880806	57,9270437	78,1692042	99,5897141	136,286285	148,615744
792	26,3774513	32,1485718	58,0083994	78,264849	99,7014464	136,424316	148,76309
793	26,4303401	32,2091009	58,0897931	78,3605328	99,8132204	136,562393	148,910484
794	26,4832641	32,2696679	58,1712249	78,4562555	99,9250361	136,700517	149,057927
795	26,5362234	32,3302729	58,2526947	78,5520172	100,036894	136,838688	149,205419
796	26,5892179	32,3909158	58,3342025	78,6478178	100,148793	136,976905	149,352959
797	26,6422477	32,4515965	58,4157482	78,7436574	100,260734	137,115169	149,500548
798	26,6953127	32,5123151	58,497332	78,8395358	100,372716	137,253479	149,648186
799	26,7484129	32,5730715	58,5789536	78,9354531	100,484741	137,391836	149,795872
800	26,8015482	32,6338657	58,6606132	79,0314092	100,596806	137,530239	149,943607
801	26,8547187	32,6946977	58,7423107	79,1274043	100,708914	137,668688	150,09139
802	26,9079243	32,7555674	58,8240462	79,2234381	100,821063	137,807184	150,239222
803	26,961165	32,8164749	58,9058194	79,3195108	100,933254	137,945727	150,387102
804	27,0144407	32,87742	58,9876306	79,4156223	101,045486	138,084315	150,535031
805	27,0677515	32,9384029	59,0694795	79,5117726	101,15776	138,222951	150,683008
806	27,1210974	32,9994234	59,1513663	79,6079616	101,270075	138,361632	150,831034
807	27,1744782	33,0604815	59,2332909	79,7041894	101,382432	138,50036	150,979108
808	27,227894	33,1215773	59,3152533	79,8004559	101,494831	138,639134	151,12723
809	27,2813447	33,1827106	59,3972535	79,8967612	101,607271	138,777955	151,275401
810	27,3348304	33,2438815	59,4792914	79,9931052	101,719752	138,916822	151,42362
811	27,388351	33,3050899	59,561367	80,0894878	101,832275	139,055735	151,571888
812	27,4419064	33,3663359	59,6434804	80,1859092	101,94484	139,194694	151,720204
813	27,4954968	33,4276194	59,7256314	80,2823692	102,057445	139,3337	151,868569
814	27,549122	33,4889403	59,8078202	80,3788679	102,170093	139,472752	152,016981
815	27,6027819	33,5502987	59,8900466	80,4754051	102,282781	139,61185	152,165442
816	27,6564767	33,6116945	59,9723106	80,5719811	102,395511	139,750994	152,313952
817	27,7102063	33,6731277	60,0546123	80,6685956	102,508283	139,890185	152,462509
818	27,7639706	33,7345983	60,1369516	80,7652487	102,621096	140,029421	152,611115
819	27,8177696	33,7961063	60,2193285	80,8619403	102,73395	140,168704	152,75977
820	27,8716034	33,8576516	60,301743	80,9586706	102,846846	140,308033	152,908472
821	27,9254718	33,9192342	60,3841951	81,0554393	102,959782	140,447408	153,057222
822	27,9793748	33,9808541	60,4666846	81,1522466	103,072761	140,58683	153,206021
823	28,0333126	34,0425113	60,5492118	81,2490924	103,18578	140,726297	153,354868

824	28,0872849	34,1042057	60,6317764	81,3459767	103,298841	140,86581	153,503763
825	28,1412918	34,1659373	60,7143785	81,4428995	103,411943	141,00537	153,652707
826	28,1953333	34,2277062	60,7970181	81,5398607	103,525086	141,144975	153,801698
827	28,2494094	34,2895122	60,8796952	81,6368604	103,638271	141,284627	153,950738
828	28,3035199	34,3513554	60,9624097	81,7338985	103,751496	141,424325	154,099826
829	28,357665	34,4132357	61,0451616	81,830975	103,864763	141,564068	154,248961
830	28,4118446	34,4751531	61,1279509	81,92809	103,978071	141,703858	154,398145
831	28,4660586	34,5371076	61,2107776	82,0252433	104,091421	141,843694	154,547377
832	28,520307	34,5990992	61,2936417	82,122435	104,204811	141,983575	154,696657
833	28,5745899	34,6611278	61,3765432	82,219665	104,318243	142,123503	154,845985
834	28,6289072	34,7231935	61,459482	82,3169334	104,431715	142,263476	154,995361
835	28,6832588	34,7852962	61,5424581	82,4142402	104,545229	142,403496	155,144785
836	28,7376448	34,8474358	61,6254716	82,5115852	104,658784	142,543561	155,294257
837	28,7920651	34,9096124	61,7085223	82,6089685	104,77238	142,683672	155,443777
838	28,8465198	34,9718259	61,7916103	82,7063901	104,886017	142,823829	155,593345
839	28,9010087	35,0340764	61,8747356	82,80385	104,999695	142,964032	155,742961
840	28,9555319	35,0963637	61,9578981	82,9013481	105,113414	143,104281	155,892625
841	29,0100893	35,1586879	62,0410978	82,9988845	105,227175	143,244576	156,042337
842	29,064681	35,221049	62,1243347	83,0964591	105,340976	143,384916	156,192096
843	29,1193068	35,2834468	62,2076089	83,1940719	105,454818	143,525303	156,341904
844	29,1739669	35,3458815	62,2909202	83,2917229	105,568701	143,665735	156,491759
845	29,2286611	35,408353	62,3742686	83,389412	105,682625	143,806213	156,641663
846	29,2833894	35,4708612	62,4576542	83,4871394	105,796591	143,946736	156,791614
847	29,3381518	35,5334062	62,541077	83,5849048	105,910597	144,087305	156,941613
848	29,3929484	35,5959879	62,6245368	83,6827085	106,024644	144,22792	157,091659
849	29,447779	35,6586063	62,7080337	83,7805502	106,138731	144,368581	157,241754
850	29,5026436	35,7212613	62,7915677	83,87843	106,25286	144,509288	157,391896
851	29,5575423	35,783953	62,8751388	83,9763479	106,36703	144,65004	157,542086
852	29,612475	35,8466814	62,9587469	84,0743039	106,48124	144,790838	157,692324
853	29,6674417	35,9094463	63,042392	84,1722979	106,595492	144,931681	157,842609
854	29,7224424	35,9722479	63,1260742	84,27033	106,709784	145,07257	157,992942
855	29,777477	36,035086	63,2097933	84,3684001	106,824117	145,213505	158,143323
856	29,8325455	36,0979607	63,2935494	84,4665083	106,938491	145,354485	158,293752
857	29,887648	36,1608718	63,3773425	84,5646544	107,052905	145,495511	158,444228
858	29,9427843	36,2238195	63,4611725	84,6628385	107,16736	145,636583	158,594752
859	29,9979545	36,2868037	63,5450395	84,7610606	107,281857	145,7777	158,745323
860	30,0531585	36,3498243	63,6289433	84,8593206	107,396393	145,918862	158,895942
861	30,1083964	36,4128814	63,7128841	84,9576186	107,510971	146,060071	159,046609
862	30,163668	36,4759749	63,7968617	85,0559545	107,625589	146,201324	159,197324
863	30,2189734	36,5391048	63,8808762	85,1543283	107,740248	146,342623	159,348085
864	30,2743126	36,6022711	63,9649276	85,25274	107,854948	146,483968	159,498895
865	30,3296856	36,6654737	64,0490158	85,3511896	107,969689	146,625358	159,649752
866	30,3850922	36,7287127	64,1331407	85,4496771	108,08447	146,766794	159,800656
867	30,4405326	36,791988	64,2173025	85,5482024	108,199291	146,908275	159,951609
868	30,4960066	36,8552996	64,3015011	85,6467656	108,314154	147,049801	160,102608
869	30,5515143	36,9186474	64,3857365	85,7453665	108,429057	147,191373	160,253655

870	30,6070556	36,9820315	64,4700086	85,8440053	108,544	147,332991	160,40475
871	30,6626305	37,0454519	64,5543174	85,9426819	108,658984	147,474653	160,555892
872	30,718239	37,1089084	64,6386629	86,0413962	108,774009	147,616361	160,707081
873	30,7738812	37,1724012	64,7230452	86,1401484	108,889074	147,758115	160,858318
874	30,8295568	37,2359301	64,8074641	86,2389382	109,00418	147,899914	161,009602
875	30,885266	37,2994951	64,8919197	86,3377659	109,119326	148,041758	161,160934
876	30,9410087	37,3630963	64,976412	86,4366312	109,234513	148,183647	161,312313
877	30,9967849	37,4267336	65,0609409	86,5355342	109,349741	148,325582	161,463739
878	31,0525946	37,490407	65,1455064	86,634475	109,465008	148,467562	161,615213
879	31,1084378	37,5541165	65,2301085	86,7334534	109,580317	148,609587	161,766734
880	31,1643143	37,617862	65,3147473	86,8324695	109,695665	148,751658	161,918303
881	31,2202243	37,6816435	65,3994226	86,9315232	109,811055	148,893773	162,069918
882	31,2761677	37,745461	65,4841344	87,0306146	109,926484	149,035934	162,221581
883	31,3321445	37,8093146	65,5688828	87,1297436	110,041954	149,178141	162,373292
884	31,3881546	37,8732041	65,6536678	87,2289102	110,157465	149,320392	162,525049
885	31,444198	37,9371295	65,7384892	87,3281143	110,273016	149,462689	162,676854
886	31,5002748	38,0010909	65,8233472	87,4273561	110,388607	149,605031	162,828706
887	31,5563848	38,0650881	65,9082416	87,5266355	110,504239	149,747418	162,980605
888	31,6125282	38,1291213	65,9931725	87,6259523	110,61991	149,88985	163,132552
889	31,6687048	38,1931903	66,0781398	87,7253068	110,735623	150,032327	163,284545
890	31,7249146	38,2572952	66,1631436	87,8246987	110,851375	150,174849	163,436586
891	31,7811577	38,3214359	66,2481838	87,9241282	110,967168	150,317417	163,588674
892	31,8374339	38,3856124	66,3332604	88,0235951	111,083001	150,460029	163,740809
893	31,8937433	38,4498246	66,4183733	88,1230995	111,198875	150,602687	163,892992
894	31,9500859	38,5140727	66,5035227	88,2226414	111,314789	150,745389	164,045221
895	32,0064616	38,5783565	66,5887084	88,3222208	111,430743	150,888137	164,197497
896	32,0628704	38,642676	66,6739305	88,4218376	111,546737	151,03093	164,349821
897	32,1193124	38,7070312	66,7591888	88,5214918	111,662771	151,173768	164,502192
898	32,1757874	38,7714221	66,8444835	88,6211834	111,778846	151,31665	164,654609
899	32,2322955	38,8358487	66,9298145	88,7209124	111,894961	151,459578	164,807074
900	32,2888366	38,9003109	67,0151818	88,8206788	112,011116	151,602551	164,959586
901	32,3454107	38,9648088	67,1005853	88,9204826	112,127311	151,745569	165,112145
902	32,4020179	39,0293422	67,1860251	89,0203237	112,243546	151,888631	165,264751
903	32,458658	39,0939113	67,2715011	89,1202021	112,359822	152,031739	165,417403
904	32,5153311	39,1585159	67,3570133	89,2201179	112,476137	152,174891	165,570103
905	32,5720372	39,223156	67,4425617	89,320071	112,592493	152,318089	165,72285
906	32,6287761	39,2878317	67,5281463	89,4200614	112,708889	152,461331	165,875644
907	32,685548	39,3525429	67,6137671	89,5200891	112,825325	152,604618	166,028484
908	32,7423528	39,4172896	67,6994241	89,620154	112,9418	152,74795	166,181372
909	32,7991904	39,4820717	67,7851172	89,7202562	113,058316	152,891327	166,334306
910	32,8560609	39,5468894	67,8708464	89,8203957	113,174872	153,034748	166,487287
911	32,9129642	39,6117424	67,9566117	89,9205724	113,291469	153,178215	166,640316
912	32,9699003	39,6766308	68,0424131	90,0207862	113,408105	153,321726	166,793391
913	33,0268692	39,7415547	68,1282506	90,1210373	113,524781	153,465282	166,946512
914	33,0838709	39,8065139	68,2141242	90,2213256	113,641497	153,608883	167,099681
915	33,1409054	39,8715085	68,3000338	90,3216511	113,758253	153,752529	167,252897

916	33,1979726	39,9365384	68,3859794	90,4220137	113,875049	153,896219	167,406159
917	33,2550725	40,0016036	68,4719611	90,5224134	113,991885	154,039954	167,559468
918	33,3122051	40,0667041	68,5579788	90,6228503	114,108761	154,183734	167,712824
919	33,3693703	40,1318399	68,6440324	90,7233243	114,225676	154,327559	167,866227
920	33,4265683	40,197011	68,730122	90,8238354	114,342632	154,471428	168,019676
921	33,4837989	40,2622173	68,8162476	90,9243836	114,459628	154,615342	168,173172
922	33,5410621	40,3274588	68,9024092	91,0249689	114,576663	154,7593	168,326715
923	33,5983579	40,3927355	68,9886066	91,1255912	114,693738	154,903304	168,480304
924	33,6556863	40,4580474	69,07484	91,2262506	114,810853	155,047351	168,63394
925	33,7130473	40,5233945	69,1611093	91,3269471	114,928008	155,191444	168,787623
926	33,7704408	40,5887767	69,2474145	91,4276805	115,045203	155,335581	168,941353
927	33,8278669	40,654194	69,3337555	91,528451	115,162438	155,479763	169,095129
928	33,8853255	40,7196464	69,4201324	91,6292584	115,279712	155,623989	169,248952
929	33,9428165	40,785134	69,5065451	91,7301029	115,397026	155,76826	169,402821
930	34,0003401	40,8506566	69,5929937	91,8309843	115,51438	155,912575	169,556737
931	34,0578961	40,9162142	69,6794781	91,9319026	115,631774	156,056935	169,7107
932	34,1154845	40,9818069	69,7659982	92,0328579	115,749208	156,201339	169,864709
933	34,1731054	41,0474346	69,8525542	92,1338502	115,866681	156,345788	170,018765
934	34,2307587	41,1130973	69,9391459	92,2348793	115,984194	156,490282	170,172867
935	34,2884443	41,1787949	70,0257733	92,3359453	116,101746	156,63482	170,327016
936	34,3461624	41,2445276	70,1124365	92,4370483	116,219339	156,779402	170,481211
937	34,4039127	41,3102951	70,1991355	92,5381881	116,336971	156,924029	170,635453
938	34,4616954	41,3760976	70,2858701	92,6393647	116,454642	157,0687	170,789741
939	34,5195105	41,441935	70,3726404	92,7405782	116,572353	157,213416	170,944076
940	34,5773578	41,5078072	70,4594464	92,8418286	116,690104	157,358176	171,098457
941	34,6352374	41,5737144	70,5462881	92,9431158	116,807895	157,502981	171,252885
942	34,6931492	41,6396563	70,6331654	93,0444397	116,925725	157,64783	171,407359
943	34,7510933	41,7056331	70,7200783	93,1458005	117,043595	157,792723	171,56188
944	34,8090696	41,7716447	70,8070269	93,247198	117,161504	157,937661	171,716447
945	34,8670781	41,8376911	70,894011	93,3486324	117,279453	158,082643	171,87106
946	34,9251189	41,9037723	70,9810308	93,4501034	117,397441	158,227669	172,02572
947	34,9831917	41,9698883	71,0680861	93,5516112	117,515469	158,37274	172,180426
948	35,0412968	42,0360389	71,155177	93,6531558	117,633537	158,517855	172,335178
949	35,0994339	42,1022243	71,2423035	93,754737	117,751644	158,663015	172,489977
950	35,1576032	42,1684444	71,3294654	93,856355	117,86979	158,808218	172,644822
951	35,2158046	42,2346991	71,4166629	93,9580096	117,987976	158,953466	172,799713
952	35,2740381	42,3009886	71,5038959	94,0597009	118,106202	159,098758	172,954651
953	35,3323036	42,3673126	71,5911644	94,1614289	118,224467	159,244095	173,109635
954	35,3906011	42,4336713	71,6784683	94,2631935	118,342771	159,389475	173,264665
955	35,4489307	42,5000647	71,7658077	94,3649947	118,461115	159,5349	173,419742
956	35,5072923	42,5664926	71,8531826	94,4668326	118,579498	159,680369	173,574865
957	35,565686	42,632955	71,9405929	94,5687071	118,697921	159,825882	173,730033
958	35,6241115	42,6994521	72,0280386	94,6706182	118,816383	159,97144	173,885249
959	35,6825691	42,7659836	72,1155197	94,7725658	118,934884	160,117041	174,04051
960	35,7410585	42,8325497	72,2030362	94,87455	119,053425	160,262687	174,195818
961	35,7995799	42,8991503	72,2905881	94,9765708	119,172005	160,408377	174,351171

962	35,8581332	42,9657854	72,3781753	95,0786281	119,290625	160,554111	174,506571
963	35,9167184	43,0324549	72,4657979	95,180722	119,409284	160,699889	174,662017
964	35,9753355	43,0991589	72,5534558	95,2828524	119,527982	160,845711	174,817509
965	36,0339844	43,1658973	72,641149	95,3850192	119,646719	160,991577	174,973047
966	36,0926652	43,2326701	72,7288775	95,4872226	119,765496	161,137487	175,128632
967	36,1513777	43,2994773	72,8166413	95,5894624	119,884312	161,283442	175,284262
968	36,2101221	43,3663189	72,9044404	95,6917387	120,003167	161,42944	175,439939
969	36,2688983	43,4331949	72,9922747	95,7940515	120,122062	161,575482	175,595661
970	36,3277062	43,5001052	73,0801443	95,8964007	120,240995	161,721569	175,75143
971	36,3865459	43,5670498	73,1680491	95,9987863	120,359968	161,867699	175,907245
972	36,4454173	43,6340287	73,2559892	96,1012083	120,478981	162,013874	176,063105
973	36,5043204	43,701042	73,3439644	96,2036667	120,598032	162,160092	176,219012
974	36,5632552	43,7680894	73,4319749	96,3061615	120,717123	162,306354	176,374965
975	36,6222217	43,8351712	73,5200205	96,4086927	120,836252	162,452661	176,530963
976	36,6812199	43,9022872	73,6081012	96,5112603	120,955421	162,599011	176,687008
977	36,7402497	43,9694374	73,6962171	96,6138642	121,074629	162,745405	176,843098
978	36,7993112	44,0366218	73,7843682	96,7165044	121,193877	162,891843	176,999235
979	36,8584042	44,1038403	73,8725544	96,8191809	121,313163	163,038325	177,155417
980	36,9175289	44,1710931	73,9607756	96,9218938	121,432489	163,184851	177,311646
981	36,9766851	44,23838	74,049032	97,024643	121,551853	163,331421	177,46792
982	37,0358729	44,305701	74,1373234	97,1274284	121,671257	163,478034	177,62424
983	37,0950923	44,3730562	74,2256499	97,2302501	121,790699	163,624692	177,780606
984	37,1543432	44,4404454	74,3140115	97,3331081	121,910181	163,771393	177,937018
985	37,2136255	44,5078687	74,4024081	97,4360023	122,029702	163,918138	178,093476
986	37,2729394	44,5753261	74,4908397	97,5389327	122,149262	164,064927	178,249979
987	37,3322848	44,6428175	74,5793063	97,6418994	122,268861	164,211759	178,406528
988	37,3916616	44,710343	74,6678079	97,7449023	122,388499	164,358636	178,563124
989	37,4510699	44,7779025	74,7563445	97,8479413	122,508176	164,505556	178,719764
990	37,5105096	44,8454959	74,844916	97,9510166	122,627891	164,65252	178,876451
991	37,5699807	44,9131234	74,9335225	98,054128	122,747646	164,799528	179,033184
992	37,6294833	44,9807848	75,022164	98,1572755	122,86744	164,946579	179,189962
993	37,6890172	45,0484801	75,1108404	98,2604593	122,987273	165,093674	179,346786
994	37,7485824	45,1162094	75,1995516	98,3636791	123,107144	165,240813	179,503655
995	37,808179	45,1839726	75,2882978	98,4669351	123,227055	165,387995	179,660571
996	37,867807	45,2517696	75,3770789	98,5702271	123,347005	165,535221	179,817532
997	37,9274662	45,3196006	75,4658948	98,6735553	123,466993	165,682491	179,974539
998	37,9871568	45,3874654	75,5547456	98,7769195	123,58702	165,829805	180,131591
999	38,0468786	45,455364	75,6436312	98,8803198	123,707086	165,977162	180,288689
1000	38,1066317	45,5232965	75,7325517	98,9837562	123,827191	166,124563	180,445833
1001	38,166416	45,5912628	75,821507	99,0872286	123,947335	166,272007	180,603022
1002	38,2262316	45,6592629	75,9104971	99,190737	124,067518	166,419495	180,760257
1003	38,2860784	45,7272967	75,9995219	99,2942815	124,187739	166,567026	180,917538
1004	38,3459564	45,7953643	76,0885816	99,3978619	124,308	166,714602	181,074864
1005	38,4058655	45,8634657	76,177676	99,5014784	124,428299	166,86222	181,232236
1006	38,4658059	45,9316007	76,2668051	99,6051308	124,548637	167,009882	181,389653
1007	38,5257774	45,9997695	76,355969	99,7088192	124,669013	167,157588	181,547116

1008	38,58578	46,067972	76,4451676	99,8125435	124,789429	167,305337	181,704624
1009	38,6458137	46,1362081	76,5344009	99,9163038	124,909883	167,45313	181,862178
1010	38,7058786	46,2044779	76,6236689	100,0201	125,030376	167,600966	182,019778
1011	38,7659745	46,2727813	76,7129716	100,123932	125,150907	167,748846	182,177423
1012	38,8261015	46,3411184	76,8023089	100,2278	125,271478	167,896769	182,335113
1013	38,8862596	46,4094891	76,8916809	100,331704	125,392087	168,044736	182,492849
1014	38,9464487	46,4778933	76,9810876	100,435644	125,512734	168,192746	182,65063
1015	39,0066688	46,5463312	77,0705289	100,53962	125,633421	168,3408	182,808457
1016	39,0669199	46,6148025	77,1600047	100,643631	125,754146	168,488896	182,966329
1017	39,127202	46,6833075	77,2495152	100,747679	125,874909	168,637037	183,124247
1018	39,1875151	46,7518459	77,3390603	100,851762	125,995712	168,785221	183,28221
1019	39,2478591	46,8204179	77,4286399	100,955881	126,116552	168,933448	183,440219
1020	39,3082341	46,8890234	77,5182541	101,060036	126,237432	169,081718	183,598272
1021	39,36864	46,9576623	77,6079029	101,164226	126,35835	169,230032	183,756372
1022	39,4290769	47,0263347	77,6975861	101,268453	126,479307	169,378389	183,914516
1023	39,4895446	47,0950405	77,7873039	101,372715	126,600302	169,52679	184,072706
1024	39,5500432	47,1637798	77,8770562	101,477013	126,721336	169,675233	184,230941
1025	39,6105726	47,2325525	77,966843	101,581347	126,842408	169,82372	184,389222
1026	39,671133	47,3013586	78,0566643	101,685716	126,963519	169,972251	184,547548
1027	39,7317241	47,370198	78,14652	101,790121	127,084668	170,120825	184,705919
1028	39,7923461	47,4390708	78,2364102	101,894562	127,205856	170,269442	184,864335
1029	39,8529988	47,507977	78,3263348	101,999038	127,327083	170,418102	185,022797
1030	39,9136824	47,5769165	78,4162939	102,103551	127,448348	170,566805	185,181304
1031	39,9743967	47,6458893	78,5062874	102,208099	127,569651	170,715552	185,339856
1032	40,0351417	47,7148954	78,5963152	102,312682	127,690993	170,864342	185,498453
1033	40,0959175	47,7839348	78,6863775	102,417301	127,812373	171,013175	185,657096
1034	40,1567241	47,8530074	78,7764741	102,521956	127,933792	171,162051	185,815784
1035	40,2175613	47,9221133	78,8666051	102,626647	128,055249	171,31097	185,974517
1036	40,2784292	47,9912525	78,9567705	102,731373	128,176745	171,459933	186,133295
1037	40,3393278	48,0604248	79,0469702	102,836134	128,298279	171,608939	186,292118
1038	40,4002571	48,1296304	79,1372041	102,940932	128,419851	171,757988	186,450987
1039	40,461217	48,1988691	79,2274725	103,045764	128,541462	171,90708	186,6099
1040	40,5222075	48,268141	79,3177751	103,150633	128,663111	172,056215	186,768859
1041	40,5832287	48,3374461	79,4081119	103,255537	128,784798	172,205393	186,927863
1042	40,6442804	48,4067843	79,4984831	103,360476	128,906524	172,354614	187,086912
1043	40,7053628	48,4761557	79,5888885	103,465451	129,028288	172,503879	187,246006
1044	40,7664757	48,5455601	79,6793282	103,570462	129,150091	172,653186	187,405145
1045	40,8276191	48,6149976	79,769802	103,675508	129,271931	172,802537	187,564329
1046	40,8887931	48,6844682	79,8603102	103,780589	129,39381	172,95193	187,723558
1047	40,9499977	48,7539719	79,9508525	103,885706	129,515728	173,101367	187,882833
1048	41,0112327	48,8235086	80,041429	103,990859	129,637683	173,250847	188,042152
1049	41,0724982	48,8930783	80,1320396	104,096047	129,759677	173,400369	188,201516
1050	41,1337942	48,9626811	80,2226845	104,20127	129,881709	173,549935	188,360925
1051	41,1951207	49,0323168	80,3133635	104,306529	130,003779	173,699543	188,52038
1052	41,2564776	49,1019855	80,4040766	104,411823	130,125888	173,849195	188,679879
1053	41,3178649	49,1716872	80,4948239	104,517153	130,248035	173,998889	188,839423

1054	41,3792827	49,2414219	80,5856053	104,622518	130,370219	174,148627	188,999012
1055	41,4407308	49,3111894	80,6764207	104,727918	130,492443	174,298407	189,158646
1056	41,5022094	49,3809899	80,7672703	104,833354	130,614704	174,44823	189,318325
1057	41,5637183	49,4508233	80,858154	104,938825	130,737003	174,598097	189,478049
1058	41,6252575	49,5206896	80,9490717	105,044331	130,859341	174,748006	189,637818
1059	41,6868272	49,5905888	81,0400234	105,149873	130,981717	174,897958	189,797631
1060	41,7484271	49,6605208	81,1310092	105,25545	131,10413	175,047952	189,95749
1061	41,8100573	49,7304856	81,2220291	105,361063	131,226582	175,19799	190,117393
1062	41,8717179	49,8004833	81,3130829	105,46671	131,349072	175,348071	190,277341
1063	41,9334087	49,8705138	81,4041707	105,572393	131,4716	175,498194	190,437334
1064	41,9951298	49,9405771	81,4952926	105,678112	131,594167	175,64836	190,597372
1065	42,0568812	50,0106731	81,5864484	105,783865	131,716771	175,798569	190,757455
1066	42,1186628	50,080802	81,6776381	105,889654	131,839413	175,948821	190,917582
1067	42,1804746	50,1509636	81,7688618	105,995478	131,962094	176,099115	191,077754
1068	42,2423166	50,2211579	81,8601195	106,101337	132,084812	176,249453	191,237971
1069	42,3041888	50,2913849	81,951411	106,207232	132,207568	176,399833	191,398233
1070	42,3660912	50,3616446	82,0427365	106,313162	132,330363	176,550256	191,55854
1071	42,4280237	50,4319371	82,1340959	106,419127	132,453195	176,700721	191,718891
1072	42,4899865	50,5022622	82,2254892	106,525127	132,576066	176,851229	191,879287
1073	42,5519793	50,5726199	82,3169163	106,631162	132,698974	177,00178	192,039727
1074	42,6140022	50,6430103	82,4083773	106,737232	132,82192	177,152374	192,200213
1075	42,6760553	50,7134334	82,4998722	106,843338	132,944905	177,30301	192,360743
1076	42,7381385	50,783889	82,5914009	106,949479	133,067927	177,453689	192,521317
1077	42,8002517	50,8543772	82,6829634	107,055654	133,190987	177,604411	192,681937
1078	42,862395	50,9248981	82,7745597	107,161865	133,314085	177,755175	192,842601
1079	42,9245683	50,9954515	82,8661898	107,268111	133,437221	177,905982	193,003309
1080	42,9867717	51,0660374	82,9578537	107,374393	133,560395	178,056832	193,164063
1081	43,0490051	51,1366559	83,0495514	107,480709	133,683606	178,207724	193,32486
1082	43,1112685	51,2073069	83,1412828	107,58706	133,806856	178,358659	193,485703
1083	43,1735619	51,2779904	83,233048	107,693446	133,930143	178,509636	193,64659
1084	43,2358852	51,3487064	83,3248469	107,799868	134,053469	178,660656	193,807521
1085	43,2982385	51,4194549	83,4166796	107,906324	134,176832	178,811719	193,968498
1086	43,3606218	51,4902358	83,508546	108,012816	134,300233	178,962824	194,129518
1087	43,423035	51,5610492	83,600446	108,119342	134,423671	179,113972	194,290583
1088	43,4854781	51,631895	83,6923798	108,225903	134,547148	179,265162	194,451693
1089	43,5479511	51,7027732	83,7843472	108,3325	134,670662	179,416394	194,612847
1090	43,610454	51,7736839	83,8763483	108,439131	134,794214	179,56767	194,774046
1091	43,6729868	51,8446269	83,968383	108,545798	134,917804	179,718987	194,935289
1092	43,7355494	51,9156023	84,0604514	108,652499	135,041432	179,870347	195,096577
1093	43,7981419	51,9866101	84,1525534	108,759235	135,165097	180,02175	195,257909
1094	43,8607642	52,0576502	84,244689	108,866006	135,2888	180,173195	195,419286
1095	43,9234163	52,1287226	84,3368582	108,972812	135,412541	180,324683	195,580707
1096	43,9860983	52,1998274	84,429061	109,079653	135,536319	180,476213	195,742172
1097	44,04881	52,2709644	84,5212974	109,186529	135,660135	180,627785	195,903682
1098	44,1115515	52,3421338	84,6135673	109,29344	135,783989	180,7794	196,065236
1099	44,1743228	52,4133354	84,7058708	109,400386	135,907881	180,931057	196,226835

1100	44,2371238	52,4845693	84,7982078	109,507366	136,03181	181,082756	196,388478
1101	44,2999545	52,5558354	84,8905784	109,614382	136,155777	181,234498	196,550165
1102	44,362815	52,6271337	84,9829825	109,721432	136,279781	181,386283	196,711897
1103	44,4257051	52,6984642	85,07542	109,828517	136,403823	181,538109	196,873673
1104	44,488625	52,769827	85,1678911	109,935637	136,527903	181,689978	197,035493
1105	44,5515745	52,8412219	85,2603957	110,042791	136,65202	181,84189	197,197358
1106	44,6145537	52,912649	85,3529337	110,149981	136,776175	181,993843	197,359267
1107	44,6775625	52,9841083	85,4455051	110,257205	136,900367	182,145839	197,52122
1108	44,740601	53,0555997	85,5381101	110,364464	137,024597	182,297877	197,683218
1109	44,8036691	53,1271232	85,6307484	110,471758	137,148865	182,449958	197,84526
1110	44,8667668	53,1986788	85,7234202	110,579086	137,27317	182,602081	198,007346
1111	44,9298941	53,2702665	85,8161253	110,686449	137,397513	182,754246	198,169476
1112	44,9930509	53,3418863	85,9088639	110,793847	137,521893	182,906453	198,331651
1113	45,0562374	53,4135382	86,0016358	110,90128	137,646311	183,058702	198,493869
1114	45,1194534	53,4852221	86,0944411	111,008747	137,770766	183,210994	198,656132
1115	45,1826989	53,5569381	86,1872798	111,116249	137,895258	183,363328	198,818439
1116	45,2459739	53,6286861	86,2801518	111,223786	138,019789	183,515704	198,980791
1117	45,3092785	53,7004661	86,3730572	111,331357	138,144356	183,668122	199,143186
1118	45,3726125	53,7722781	86,4659959	111,438963	138,268961	183,820583	199,305626
1119	45,4359761	53,8441221	86,5589679	111,546604	138,393604	183,973086	199,46811
1120	45,4993691	53,915998	86,6519731	111,654279	138,518284	184,12563	199,630638
1121	45,5627915	53,9879059	86,7450117	111,761989	138,643001	184,278217	199,79321
1122	45,6262434	54,0598458	86,8380836	111,869734	138,767756	184,430846	199,955826
1123	45,6897248	54,1318176	86,9311887	111,977513	138,892548	184,583518	200,118486
1124	45,7532355	54,2038212	87,024327	112,085327	139,017377	184,736231	200,28119
1125	45,8167756	54,2758568	87,1174986	112,193175	139,142244	184,888986	200,443939
1126	45,8803452	54,3479243	87,2107035	112,301058	139,267148	185,041784	200,606731
1127	45,9439441	54,4200236	87,3039415	112,408976	139,39209	185,194623	200,769568
1128	46,0075723	54,4921548	87,3972127	112,516928	139,517069	185,347505	200,932448
1129	46,0712299	54,5643178	87,4905172	112,624914	139,642085	185,500428	201,095373
1130	46,1349169	54,6365127	87,5838548	112,732935	139,767139	185,653394	201,258341
1131	46,1986331	54,7087393	87,6772256	112,840991	139,89223	185,806402	201,421354
1132	46,2623787	54,7809978	87,7706295	112,949081	140,017358	185,959451	201,58441
1133	46,3261536	54,853288	87,8640666	113,057205	140,142524	186,112543	201,747511
1134	46,3899577	54,92561	87,9575368	113,165364	140,267726	186,265677	201,910655
1135	46,4537911	54,9979638	88,0510402	113,273558	140,392966	186,418852	202,073844
1136	46,5176538	55,0703493	88,1445766	113,381786	140,518244	186,57207	202,237076
1137	46,5815456	55,1427666	88,2381462	113,490048	140,643558	186,725329	202,400353
1138	46,6454668	55,2152155	88,3317488	113,598345	140,76891	186,878631	202,563673
1139	46,7094171	55,2876962	88,4253845	113,706677	140,894299	187,031974	202,727037
1140	46,7733966	55,3602086	88,5190533	113,815042	141,019725	187,18536	202,890445
1141	46,8374053	55,4327526	88,6127551	113,923442	141,145188	187,338787	203,053897
1142	46,9014432	55,5053283	88,70649	114,031877	141,270689	187,492256	203,217393
1143	46,9655103	55,5779356	88,8002579	114,140346	141,396227	187,645767	203,380932
1144	47,0296064	55,6505745	88,8940588	114,248849	141,521802	187,79932	203,544516
1145	47,0937318	55,7232451	88,9878927	114,357387	141,647414	187,952915	203,708143

1146	47,1578862	55,7959473	89,0817596	114,465959	141,773063	188,106552	203,871814
1147	47,2220697	55,8686811	89,1756595	114,574565	141,898749	188,26023	204,035529
1148	47,2862824	55,9414464	89,2695923	114,683206	142,024473	188,41395	204,199288
1149	47,3505241	56,0142433	89,3635582	114,791881	142,150233	188,567712	204,363091
1150	47,4147949	56,0870718	89,4575569	114,90059	142,276031	188,721516	204,526937
1151	47,4790947	56,1599318	89,5515886	115,009333	142,401866	188,875362	204,690827
1152	47,5434236	56,2328233	89,6456532	115,118111	142,527737	189,02925	204,854761
1153	47,6077815	56,3057464	89,7397508	115,226923	142,653646	189,183179	205,018738
1154	47,6721684	56,3787009	89,8338812	115,33577	142,779592	189,33715	205,18276
1155	47,7365843	56,4516869	89,9280445	115,44465	142,905575	189,491163	205,346825
1156	47,8010292	56,5247044	90,0222407	115,553565	143,031595	189,645217	205,510933
1157	47,8655031	56,5977533	90,1164698	115,662514	143,157652	189,799313	205,675086
1158	47,9300059	56,6708337	90,2107317	115,771497	143,283746	189,953451	205,839282
1159	47,9945377	56,7439455	90,3050265	115,880515	143,409877	190,107631	206,003522
1160	48,0590984	56,8170887	90,399354	115,989567	143,536045	190,261852	206,167805
1161	48,123688	56,8902633	90,4937145	116,098653	143,66225	190,416115	206,332132
1162	48,1883066	56,9634693	90,5881077	116,207773	143,788492	190,57042	206,496503
1163	48,252954	57,0367067	90,6825337	116,316927	143,914771	190,724766	206,660917
1164	48,3176304	57,1099754	90,7769925	116,426115	144,041087	190,879154	206,825375
1165	48,3823356	57,1832755	90,8714841	116,535338	144,16744	191,033584	206,989877
1166	48,4470696	57,2566069	90,9660084	116,644595	144,29383	191,188055	207,154422
1167	48,5118325	57,3299696	91,0605655	116,753885	144,420256	191,342568	207,319011
1168	48,5766243	57,4033636	91,1551554	116,86321	144,54672	191,497123	207,483643
1169	48,6414448	57,476789	91,2497779	116,972569	144,67322	191,651719	207,648319
1170	48,7062942	57,5502456	91,3444332	117,081962	144,799758	191,806356	207,813038
1171	48,7711724	57,6237335	91,4391212	117,19139	144,926332	191,961036	207,977801
1172	48,8360793	57,6972526	91,5338419	117,300851	145,052943	192,115756	208,142607
1173	48,901015	57,770803	91,6285953	117,410346	145,179591	192,270519	208,307457
1174	48,9659795	57,8443846	91,7233813	117,519875	145,306276	192,425323	208,472351
1175	49,0309727	57,9179974	91,8182	117,629439	145,432997	192,580168	208,637288
1176	49,0959946	57,9916414	91,9130514	117,739036	145,559755	192,735055	208,802268
1177	49,1610453	58,0653166	92,0079353	117,848668	145,686551	192,889983	208,967292
1178	49,2261246	58,139023	92,102852	117,958333	145,813383	193,044953	209,132359
1179	49,2912327	58,2127605	92,1978012	118,068033	145,940251	193,199965	209,29747
1180	49,3563694	58,2865292	92,292783	118,177766	146,067157	193,355017	209,462624
1181	49,4215348	58,360329	92,3877975	118,287533	146,194099	193,510112	209,627822
1182	49,4867288	58,4341599	92,4828445	118,397335	146,321078	193,665247	209,793063
1183	49,5519515	58,5080219	92,5779241	118,50717	146,448094	193,820425	209,958347
1184	49,6172028	58,5819151	92,6730363	118,617039	146,575147	193,975643	210,123675
1185	49,6824828	58,6558393	92,768181	118,726943	146,702236	194,130903	210,289046
1186	49,7477913	58,7297946	92,8633582	118,83688	146,829362	194,286205	210,454461
1187	49,8131284	58,8037809	92,958568	118,946851	146,956525	194,441547	210,619919
1188	49,8784942	58,8777983	93,0538102	119,056856	147,083724	194,596932	210,78542
1189	49,9438884	58,9518467	93,149085	119,166894	147,21096	194,752357	210,950964
1190	50,0093113	59,0259262	93,2443923	119,276967	147,338233	194,907824	211,116552
1191	50,0747626	59,1000366	93,3397321	119,387074	147,465542	195,063332	211,282184

1192	50,1402425	59,174178	93,4351043	119,497214	147,592888	195,218882	211,447858
1193	50,2057509	59,2483504	93,530509	119,607388	147,720271	195,374473	211,613576
1194	50,2712879	59,3225538	93,6259462	119,717597	147,84769	195,530105	211,779337
1195	50,3368533	59,3967881	93,7214158	119,827839	147,975146	195,685778	211,945141
1196	50,4024472	59,4710534	93,8169178	119,938114	148,102638	195,841493	212,110988
1197	50,4680695	59,5453496	93,9124522	120,048424	148,230167	195,997249	212,276879
1198	50,5337203	59,6196767	94,0080191	120,158767	148,357733	196,153047	212,442813
1199	50,5993996	59,6940347	94,1036183	120,269144	148,485335	196,308885	212,60879
1200	50,6651073	59,7684235	94,1992499	120,379555	148,612974	196,464765	212,774811
1201	50,7308434	59,8428433	94,2949139	120,49	148,740649	196,620686	212,940874
1202	50,7966079	59,9172939	94,3906103	120,600478	148,868361	196,776649	213,106981
1203	50,8624008	59,9917754	94,486339	120,710991	148,99611	196,932652	213,273131
1204	50,9282221	60,0662877	94,5821	120,821537	149,123895	197,088697	213,439324
1205	50,9940717	60,1408308	94,6778934	120,932116	149,251716	197,244783	213,60556
1206	51,0599498	60,2154048	94,7737191	121,04273	149,379574	197,40091	213,77184
1207	51,1258561	60,2900095	94,8695771	121,153377	149,507468	197,557078	213,938162
1208	51,1917908	60,3646451	94,9654674	121,264058	149,635399	197,713288	214,104528
1209	51,2577538	60,4393114	95,0613899	121,374772	149,763367	197,869539	214,270936
1210	51,3237451	60,5140084	95,1573448	121,48552	149,891371	198,02583	214,437388
1211	51,3897647	60,5887362	95,2533319	121,596302	150,019411	198,182163	214,603883
1212	51,4558126	60,6634948	95,3493513	121,707117	150,147488	198,338537	214,770421
1213	51,5218888	60,738284	95,4454029	121,817966	150,275601	198,494952	214,937002
1214	51,5879932	60,813104	95,5414867	121,928849	150,40375	198,651409	215,103626
1215	51,6541259	60,8879547	95,6376028	122,039766	150,531936	198,807906	215,270293
1216	51,7202868	60,962836	95,7337511	122,150716	150,660159	198,964444	215,437003
1217	51,7864759	61,0377481	95,8299316	122,261699	150,788417	199,121024	215,603756
1218	51,8526933	61,1126907	95,9261442	122,372716	150,916713	199,277644	215,770553
1219	51,9189388	61,1876641	96,0223891	122,483767	151,045044	199,434306	215,937392
1220	51,9852125	61,262668	96,1186661	122,594851	151,173412	199,591008	216,104274
1221	52,0515144	61,3377026	96,2149752	122,705969	151,301816	199,747752	216,271199
1222	52,1178445	61,4127678	96,3113165	122,817121	151,430257	199,904536	216,438167
1223	52,1842027	61,4878636	96,40769	122,928306	151,558734	200,061362	216,605178
1224	52,2505891	61,56299	96,5040956	123,039524	151,687247	200,218229	216,772232
1225	52,3170035	61,638147	96,6005332	123,150776	151,815796	200,375136	216,939328
1226	52,3834461	61,7133345	96,697003	123,262062	151,944382	200,532085	217,106468
1227	52,4499168	61,7885525	96,7935049	123,373381	152,073004	200,689074	217,273651
1228	52,5164156	61,8638011	96,8900388	123,484733	152,201662	200,846105	217,440876
1229	52,5829425	61,9390802	96,9866049	123,596119	152,330357	201,003176	217,608145
1230	52,6494975	62,0143899	97,083203	123,707539	152,459088	201,160288	217,775456
1231	52,7160804	62,08973	97,1798331	123,818992	152,587855	201,317441	217,94281
1232	52,7826915	62,1651006	97,2764953	123,930478	152,716658	201,474635	218,110207
1233	52,8493306	62,2405017	97,3731895	124,041998	152,845498	201,63187	218,277647
1234	52,9159977	62,3159332	97,4699157	124,153551	152,974373	201,789146	218,44513
1235	52,9826928	62,3913952	97,5666739	124,265138	153,103285	201,946463	218,612655
1236	53,0494159	62,4668876	97,6634641	124,376758	153,232234	202,103821	218,780223
1237	53,116167	62,5424105	97,7602863	124,488411	153,361218	202,261219	218,947834

1238	53,182946	62,6179637	97,8571405	124,600098	153,490238	202,418658	219,115488
1239	53,249753	62,6935474	97,9540267	124,711818	153,619295	202,576139	219,283185
1240	53,316588	62,7691614	98,0509448	124,823572	153,748388	202,73366	219,450924
1241	53,3834509	62,8448058	98,1478948	124,935359	153,877517	202,891221	219,618706
1242	53,4503418	62,9204806	98,2448768	125,047179	154,006682	203,048824	219,786531
1243	53,5172605	62,9961857	98,3418907	125,159033	154,135883	203,206467	219,954399
1244	53,5842072	63,0719212	98,4389365	125,27092	154,26512	203,364151	220,122309
1245	53,6511817	63,147687	98,5360142	125,38284	154,394394	203,521876	220,290262
1246	53,7181842	63,2234831	98,6331238	125,494794	154,523703	203,679642	220,458258
1247	53,7852145	63,2993095	98,7302653	125,606781	154,653049	203,837448	220,626296
1248	53,8522726	63,3751662	98,8274386	125,718801	154,78243	203,995295	220,794377
1249	53,9193586	63,4510532	98,9246438	125,830855	154,911848	204,153183	220,962501
1250	53,9864724	63,5269705	99,0218809	125,942942	155,041302	204,311112	221,130667
1251	54,0536141	63,6029179	99,1191498	126,055062	155,170792	204,469081	221,298876
1252	54,1207836	63,6788957	99,2164505	126,167215	155,300318	204,627091	221,467128
1253	54,1879808	63,7549037	99,3137831	126,279401	155,429879	204,785141	221,635422
1254	54,2552059	63,8309418	99,4111474	126,391621	155,559477	204,943233	221,803759
1255	54,3224587	63,9070102	99,5085436	126,503874	155,689111	205,101365	221,972138
1256	54,3897393	63,9831088	99,6059715	126,61616	155,818781	205,259537	222,14056
1257	54,4570477	64,0592376	99,7034312	126,72848	155,948487	205,417751	222,309025
1258	54,5243838	64,1353965	99,8009227	126,840832	156,078229	205,576004	222,477532
1259	54,5917476	64,2115856	99,8984459	126,953218	156,208006	205,734299	222,646082
1260	54,6591392	64,2878048	99,9960009	127,065637	156,33782	205,892634	222,814674
1261	54,7265584	64,3640542	100,093588	127,178089	156,46767	206,05101	222,983309
1262	54,7940054	64,4403337	100,191206	127,290575	156,597555	206,209426	223,151986
1263	54,86148	64,5166433	100,288856	127,403093	156,727477	206,367883	223,320706
1264	54,9289823	64,592983	100,386538	127,515645	156,857434	206,52638	223,489468
1265	54,9965123	64,6693528	100,484252	127,628229	156,987427	206,684918	223,658273
1266	55,0640699	64,7457527	100,581997	127,740847	157,117457	206,843497	223,82712
1267	55,1316552	64,8221826	100,679774	127,853498	157,247522	207,002116	223,99601
1268	55,1992681	64,8986426	100,777582	127,966182	157,377623	207,160775	224,164942
1269	55,2669086	64,9751326	100,875423	128,078899	157,507759	207,319476	224,333917
1270	55,3345767	65,0516526	100,973294	128,191649	157,637932	207,478216	224,502934
1271	55,4022724	65,1282027	101,071198	128,304432	157,768141	207,636997	224,671994
1272	55,4699957	65,2047827	101,169133	128,417249	157,898385	207,795819	224,841096
1273	55,5377466	65,2813928	101,2671	128,530098	158,028665	207,954681	225,01024
1274	55,605525	65,3580328	101,365098	128,64298	158,158981	208,113583	225,179427
1275	55,673331	65,4347028	101,463128	128,755896	158,289333	208,272526	225,348656
1276	55,7411645	65,5114028	101,561189	128,868844	158,41972	208,43151	225,517927
1277	55,8090255	65,5881327	101,659283	128,981826	158,550144	208,590534	225,687241
1278	55,8769141	65,6648925	101,757407	129,09484	158,680603	208,749598	225,856598
1279	55,9448301	65,7416822	101,855563	129,207887	158,811098	208,908703	226,025996
1280	56,0127737	65,8185019	101,953751	129,320968	158,941628	209,067848	226,195437
1281	56,0807447	65,8953515	102,05197	129,434081	159,072195	209,227033	226,36492
1282	56,1487433	65,9722309	102,150221	129,547227	159,202797	209,386259	226,534446
1283	56,2167692	66,0491402	102,248503	129,660407	159,333435	209,545525	226,704014

1284	56,2848227	66,1260794	102,346817	129,773619	159,464108	209,704832	226,873624
1285	56,3529035	66,2030485	102,445163	129,886864	159,594817	209,864179	227,043276
1286	56,4210118	66,2800473	102,543539	130,000142	159,725562	210,023566	227,212971
1287	56,4891475	66,3570761	102,641947	130,113453	159,856343	210,182994	227,382708
1288	56,5573106	66,4341346	102,740387	130,226797	159,987159	210,342462	227,552487
1289	56,6255011	66,5112229	102,838858	130,340174	160,118011	210,50197	227,722308
1290	56,693719	66,588341	102,937361	130,453583	160,248899	210,661519	227,892172
1291	56,7619643	66,6654889	103,035895	130,567026	160,379822	210,821107	228,062078
1292	56,8302369	66,7426666	103,13446	130,680501	160,510781	210,980736	228,232026
1293	56,8985369	66,8198741	103,233057	130,794009	160,641775	211,140406	228,402016
1294	56,9668642	66,8971112	103,331685	130,90755	160,772805	211,300116	228,572048
1295	57,0352189	66,9743782	103,430345	131,021124	160,903871	211,459865	228,742123
1296	57,1036008	67,0516748	103,529036	131,134731	161,034972	211,619656	228,912239
1297	57,1720101	67,1290012	103,627758	131,248371	161,166109	211,779486	229,082398
1298	57,2404466	67,2063572	103,726512	131,362043	161,297282	211,939356	229,252599
1299	57,3089105	67,283743	103,825297	131,475748	161,42849	212,099267	229,422843
1300	57,3774016	67,3611584	103,924114	131,589486	161,559734	212,259218	229,593128
1301	57,44592	67,4386035	104,022961	131,703257	161,691013	212,419209	229,763455
1302	57,5144656	67,5160783	104,12184	131,81706	161,822327	212,579241	229,933825
1303	57,5830385	67,5935827	104,220751	131,930897	161,953678	212,739312	230,104236
1304	57,6516386	67,6711167	104,319693	132,044766	162,085063	212,899424	230,27469
1305	57,720266	67,7486804	104,418665	132,158667	162,216485	213,059576	230,445186
1306	57,7889205	67,8262737	104,51767	132,272602	162,347941	213,219768	230,615723
1307	57,8576023	67,9038965	104,616705	132,386569	162,479434	213,38	230,786303
1308	57,9263112	67,981549	104,715772	132,500569	162,610961	213,540272	230,956925
1309	57,9950473	68,059231	104,81487	132,614602	162,742525	213,700584	231,127589
1310	58,0638106	68,1369426	104,913999	132,728667	162,874123	213,860937	231,298295
1311	58,132601	68,2146838	105,01316	132,842765	163,005757	214,021329	231,469043
1312	58,2014186	68,2924545	105,112352	132,956896	163,137427	214,181762	231,639833
1313	58,2702633	68,3702547	105,211575	133,071059	163,269132	214,342234	231,810665
1314	58,3391351	68,4480845	105,310829	133,185255	163,400872	214,502747	231,981539
1315	58,408034	68,5259438	105,410114	133,299484	163,532648	214,6633	232,152454
1316	58,4769601	68,6038325	105,509431	133,413745	163,66446	214,823893	232,323412
1317	58,5459132	68,6817508	105,608778	133,528039	163,796306	214,984525	232,494412
1318	58,6148934	68,7596985	105,708157	133,642365	163,928188	215,145198	232,665454
1319	58,6839007	68,8376757	105,807567	133,756724	164,060106	215,305911	232,836537
1320	58,7529351	68,9156824	105,907008	133,871116	164,192058	215,466664	233,007663
1321	58,8219964	68,9937185	106,00648	133,985541	164,324046	215,627457	233,17883
1322	58,8910849	69,071784	106,105984	134,099997	164,45607	215,788289	233,350039
1323	58,9602003	69,149879	106,205518	134,214487	164,588129	215,949162	233,521291
1324	59,0293428	69,2280033	106,305084	134,329009	164,720223	216,110075	233,692584
1325	59,0985123	69,3061571	106,404681	134,443564	164,852352	216,271028	233,863918
1326	59,1677088	69,3843402	106,504309	134,558151	164,984517	216,43202	234,035295
1327	59,2369322	69,4625527	106,603967	134,67277	165,116717	216,593053	234,206714
1328	59,3061827	69,5407946	106,703657	134,787423	165,248953	216,754125	234,378174
1329	59,3754601	69,6190659	106,803378	134,902107	165,381223	216,915238	234,549677

1330	59,4447644	69,6973665	106,90313	135,016825	165,513529	217,07639	234,721221
1331	59,5140958	69,7756964	107,002913	135,131574	165,64587	217,237582	234,892807
1332	59,583454	69,8540556	107,102728	135,246357	165,778247	217,398814	235,064434
1333	59,6528391	69,9324442	107,202573	135,361171	165,910658	217,560086	235,236104
1334	59,7222512	70,010862	107,302449	135,476019	166,043105	217,721398	235,407815
1335	59,7916902	70,0893092	107,402356	135,590898	166,175587	217,882749	235,579568
1336	59,8611561	70,1677856	107,502294	135,70581	166,308105	218,044141	235,751363
1337	59,9306488	70,2462913	107,602263	135,820755	166,440657	218,205572	235,923199
1338	60,0001684	70,3248262	107,702263	135,935732	166,573245	218,367043	236,095077
1339	60,0697149	70,4033904	107,802294	136,050741	166,705868	218,528554	236,266997
1340	60,1392882	70,4819839	107,902356	136,165783	166,838526	218,690105	236,438959
1341	60,2088884	70,5606065	108,002449	136,280857	166,971219	218,851695	236,610962
1342	60,2785154	70,6392584	108,102573	136,395964	167,103948	219,013325	236,783007
1343	60,3481692	70,7179394	108,202728	136,511103	167,236712	219,174995	236,955094
1344	60,4178498	70,7966497	108,302913	136,626274	167,36951	219,336705	237,127222
1345	60,4875572	70,8753891	108,40313	136,741478	167,502344	219,498455	237,299392
1346	60,5572914	70,9541577	108,503377	136,856714	167,635213	219,660244	237,471604
1347	60,6270524	71,0329555	108,603656	136,971983	167,768117	219,822073	237,643857
1348	60,6968402	71,1117824	108,703965	137,087284	167,901056	219,983942	237,816152
1349	60,7666547	71,1906385	108,804305	137,202617	168,034031	220,14585	237,988489
1350	60,8364959	71,2695236	108,904676	137,317982	168,16704	220,307798	238,160867
1351	60,9063639	71,3484379	109,005078	137,433338	168,300085	220,469786	238,333286
1352	60,9762586	71,4273813	109,10551	137,54881	168,433164	220,631814	238,505748
1353	61,0461801	71,5063538	109,205974	137,664272	168,566279	220,793881	238,678251
1354	61,1161282	71,5853554	109,306468	137,779767	168,699428	220,955988	238,850795
1355	61,1861031	71,664386	109,406993	137,895294	168,832613	221,118134	239,023381
1356	61,2561046	71,7434457	109,507549	138,010853	168,965833	221,280321	239,196009
1357	61,3261328	71,8225345	109,608136	138,126445	169,099088	221,442546	239,368678
1358	61,3961876	71,9016523	109,708753	138,242069	169,232377	221,604812	239,541389
1359	61,4662692	71,9807991	109,809401	138,357725	169,365702	221,767117	239,714141
1360	61,5363773	72,059975	109,91008	138,473413	169,499062	221,929462	239,886935
1361	61,6065121	72,1391798	110,01079	138,589133	169,632457	222,091846	240,05977
1362	61,6766735	72,2184137	110,11153	138,704886	169,765886	222,25427	240,232646
1363	61,7468616	72,2976765	110,212301	138,820671	169,899351	222,416733	240,405565
1364	61,8170762	72,3769683	110,313103	138,936488	170,032851	222,579236	240,578524
1365	61,8873174	72,4562891	110,413936	139,052337	170,166385	222,741778	240,751525
1366	61,9575853	72,5356389	110,514799	139,168219	170,299955	222,904361	240,924568
1367	62,0278797	72,6150176	110,615693	139,284132	170,433559	223,066982	241,097652
1368	62,0982006	72,6944252	110,716618	139,400078	170,567199	223,229643	241,270777
1369	62,1685481	72,7738617	110,817573	139,516056	170,700873	223,392344	241,443944
1370	62,2389222	72,8533272	110,918559	139,632066	170,834582	223,555084	241,617152
1371	62,3093228	72,9328216	111,019576	139,748109	170,968326	223,717864	241,790402
1372	62,3797499	73,0123448	111,120624	139,864183	171,102105	223,880683	241,963693
1373	62,4502035	73,0918969	111,221702	139,980289	171,235919	224,043542	242,137025
1374	62,5206836	73,171478	111,32281	140,096428	171,369768	224,20644	242,310399
1375	62,5911903	73,2510878	111,423949	140,212599	171,503651	224,369377	242,483814

1376	62,6617234	73,3307265	111,525119	140,328802	171,63757	224,532354	242,657271
1377	62,732283	73,4103941	111,62632	140,445036	171,771523	224,695371	242,830769
1378	62,802869	73,4900905	111,727551	140,561303	171,905511	224,858427	243,004308
1379	62,8734815	73,5698157	111,828812	140,677602	172,039534	225,021522	243,177888
1380	62,9441205	73,6495697	111,930104	140,793933	172,173591	225,184657	243,35151
1381	63,0147859	73,7293525	112,031427	140,910297	172,307684	225,347831	243,525173
1382	63,0854777	73,8091642	112,132781	141,026692	172,441811	225,511044	243,698877
1383	63,1561959	73,8890045	112,234164	141,143119	172,575973	225,674297	243,872623
1384	63,2269405	73,9688737	112,335579	141,259578	172,71017	225,83759	244,04641
1385	63,2977115	74,0487716	112,437024	141,376069	172,844402	226,000921	244,220238
1386	63,368509	74,1286983	112,538499	141,492593	172,978668	226,164292	244,394108
1387	63,4393327	74,2086536	112,640005	141,609148	173,112969	226,327703	244,568018
1388	63,5101829	74,2886378	112,741542	141,725735	173,247305	226,491152	244,74197
1389	63,5810594	74,3686506	112,843109	141,842354	173,381676	226,654641	244,915963
1390	63,6519623	74,4486921	112,944706	141,959005	173,516081	226,81817	245,089998
1391	63,7228914	74,5287624	113,046334	142,075689	173,650521	226,981737	245,264073
1392	63,793847	74,6088613	113,147992	142,192404	173,784996	227,145344	245,43819
1393	63,8648288	74,6889889	113,249681	142,309151	173,919505	227,30899	245,612348
1394	63,9358369	74,7691451	113,3514	142,42593	174,054049	227,472676	245,786547
1395	64,0068714	74,8493301	113,45315	142,54274	174,188628	227,636401	245,960787
1396	64,0779321	74,9295436	113,55493	142,659583	174,323242	227,800165	246,135069
1397	64,1490191	75,0097858	113,656741	142,776458	174,45789	227,963968	246,309391
1398	64,2201324	75,0900566	113,758582	142,893365	174,592573	228,127811	246,483755
1399	64,2912719	75,170356	113,860453	143,010303	174,72729	228,291692	246,65816
1400	64,3624377	75,2506841	113,962355	143,127273	174,862042	228,455613	246,832606
1401	64,4336297	75,3310407	114,064287	143,244276	174,996829	228,619574	247,007093
1402	64,5048479	75,4114259	114,166249	143,36131	175,13165	228,783573	247,181621
1403	64,5760924	75,4918397	114,268242	143,478376	175,266506	228,947612	247,35619
1404	64,6473631	75,572282	114,370265	143,595474	175,401396	229,111689	247,5308
1405	64,71866	75,6527529	114,472319	143,712603	175,536321	229,275806	247,705452
1406	64,789983	75,7332523	114,574403	143,829765	175,671281	229,439963	247,880144
1407	64,8613323	75,8137803	114,676517	143,946958	175,806275	229,604158	248,054878
1408	64,9327077	75,8943368	114,778662	144,064183	175,941304	229,768392	248,229652
1409	65,0041093	75,9749218	114,880836	144,18144	176,076367	229,932666	248,404468
1410	65,075537	76,0555353	114,983042	144,298729	176,211465	230,096979	248,579324
1411	65,1469909	76,1361773	115,085277	144,416049	176,346598	230,261331	248,754222
1412	65,2184709	76,2168477	115,187543	144,533402	176,481765	230,425722	248,92916
1413	65,289977	76,2975467	115,289839	144,650786	176,616966	230,590152	249,10414
1414	65,3615093	76,3782741	115,392165	144,768201	176,752202	230,754621	249,27916
1415	65,4330676	76,45903	115,494521	144,885649	176,887473	230,919129	249,454222
1416	65,5046521	76,5398143	115,596908	145,003128	177,022777	231,083676	249,629324
1417	65,5762626	76,620627	115,699325	145,120639	177,158117	231,248263	249,804468
1418	65,6478992	76,7014681	115,801772	145,238182	177,293491	231,412888	249,979652
1419	65,7195619	76,7823377	115,90425	145,355757	177,428899	231,577553	250,154877
1420	65,7912506	76,8632357	116,006758	145,473363	177,564342	231,742256	250,330144
1421	65,8629654	76,944162	116,109295	145,591001	177,699819	231,906999	250,505451

1422	65,9347062	77,0251168	116,211863	145,70867	177,835331	232,07178	250,680799
1423	66,0064731	77,1060999	116,314462	145,826372	177,970877	232,236601	250,856188
1424	66,078266	77,1871113	116,41709	145,944105	178,106458	232,40146	251,031618
1425	66,1500848	77,2681512	116,519749	146,061869	178,242073	232,566359	251,207088
1426	66,2219297	77,3492193	116,622437	146,179665	178,377722	232,731297	251,3826
1427	66,2938006	77,4303158	116,725156	146,297493	178,513406	232,896273	251,558152
1428	66,3656975	77,5114407	116,827905	146,415353	178,649124	233,061289	251,733745
1429	66,4376203	77,5925938	116,930685	146,533244	178,784876	233,226343	251,90938
1430	66,5095691	77,6737752	117,033494	146,651167	178,920663	233,391436	252,085054
1431	66,5815438	77,7549849	117,136333	146,769121	179,056485	233,556569	252,26077
1432	66,6535445	77,8362229	117,239203	146,887107	179,19234	233,72174	252,436527
1433	66,7255711	77,9174892	117,342102	147,005125	179,32823	233,88695	252,612324
1434	66,7976237	77,9987838	117,445032	147,123174	179,464154	234,052199	252,788162
1435	66,8697021	78,0801066	117,547992	147,241255	179,600113	234,217487	252,964041
1436	66,9418065	78,1614576	117,650982	147,359368	179,736106	234,382814	253,139961
1437	67,0139368	78,2428369	117,754001	147,477512	179,872133	234,54818	253,315921
1438	67,0860929	78,3242444	117,857051	147,595687	180,008195	234,713585	253,491922
1439	67,158275	78,4056801	117,960131	147,713894	180,144291	234,879028	253,667964
1440	67,2304829	78,487144	118,063241	147,832133	180,280421	235,04451	253,844047
1441	67,3027166	78,5686361	118,166381	147,950403	180,416585	235,210032	254,02017
1442	67,3749762	78,6501564	118,269551	148,068704	180,552784	235,375592	254,196335
1443	67,4472617	78,7317049	118,372752	148,187038	180,689016	235,541191	254,372539
1444	67,519573	78,8132815	118,475982	148,305402	180,825284	235,706828	254,548785
1445	67,5919101	78,8948863	118,579242	148,423799	180,961585	235,872505	254,725071
1446	67,664273	78,9765192	118,682532	148,542226	181,097921	236,03822	254,901398
1447	67,7366618	79,0581803	118,785852	148,660685	181,23429	236,203974	255,077765
1448	67,8090763	79,1398695	118,889202	148,779176	181,370694	236,369767	255,254174
1449	67,8815166	79,2215868	118,992582	148,897698	181,507133	236,535598	255,430622
1450	67,9539827	79,3033322	119,095992	149,016252	181,643605	236,701469	255,607112
1451	68,0264746	79,3851057	119,199431	149,134837	181,780112	236,867378	255,783642
1452	68,0989922	79,4669074	119,302901	149,253453	181,916653	237,033326	255,960213
1453	68,1715356	79,548737	119,406401	149,372101	182,053228	237,199313	256,136824
1454	68,2441047	79,6305948	119,50993	149,49078	182,189837	237,365338	256,313476
1455	68,3166995	79,7124806	119,61349	149,609491	182,32648	237,531402	256,490169
1456	68,3893201	79,7943945	119,717079	149,728233	182,463157	237,697505	256,666902
1457	68,4619664	79,8763364	119,820699	149,847006	182,599869	237,863646	256,843675
1458	68,5346384	79,9583063	119,924348	149,965811	182,736615	238,029826	257,02049
1459	68,607336	80,0403042	120,028027	150,084648	182,873394	238,196045	257,197345
1460	68,6800594	80,1223302	120,131736	150,203515	183,010208	238,362303	257,37424
1461	68,7528085	80,2043841	120,235474	150,322414	183,147056	238,528599	257,551176
1462	68,8255832	80,2864661	120,339243	150,441345	183,283939	238,694934	257,728152
1463	68,8983835	80,368576	120,443041	150,560306	183,420855	238,861307	257,905169
1464	68,9712096	80,4507139	120,54687	150,679299	183,557805	239,027719	258,082227
1465	69,0440612	80,5328798	120,650728	150,798324	183,694789	239,19417	258,259325
1466	69,1169385	80,6150736	120,754615	150,917379	183,831808	239,360659	258,436463
1467	69,1898415	80,6972954	120,858533	151,036467	183,96886	239,527187	258,613642

1468	69,26277	80,7795451	120,962481	151,155585	184,105947	239,693754	258,790861
1469	69,3357241	80,8618227	121,066458	151,274734	184,243067	239,860359	258,968121
1470	69,4087039	80,9441283	121,170465	151,393915	184,380222	240,027003	259,145421
1471	69,4817092	81,0264617	121,274502	151,513128	184,51741	240,193685	259,322762
1472	69,5547401	81,1088231	121,378568	151,632371	184,654633	240,360406	259,500143
1473	69,6277966	81,1912123	121,482664	151,751646	184,791889	240,527166	259,677565
1474	69,7008786	81,2736294	121,58679	151,870952	184,92918	240,693964	259,855027
1475	69,7739862	81,3560744	121,690946	151,990289	185,066505	240,8608	260,032529
1476	69,8471193	81,4385472	121,795132	152,109658	185,203863	241,027675	260,210072
1477	69,9202779	81,5210479	121,899347	152,229057	185,341256	241,194589	260,387656
1478	69,9934621	81,6035764	122,003592	152,348488	185,478682	241,361541	260,565279
1479	70,0666718	81,6861328	122,107866	152,46795	185,616142	241,528532	260,742943
1480	70,139907	81,768717	122,212171	152,587444	185,753637	241,695561	260,920647
1481	70,2131677	81,851329	122,316505	152,706968	185,891165	241,862628	261,098392
1482	70,2864539	81,9339687	122,420868	152,826524	186,028727	242,029734	261,276177
1483	70,3597656	82,0166363	122,525262	152,946111	186,166323	242,196879	261,454003
1484	70,4331027	82,0993317	122,629685	153,065729	186,303953	242,364062	261,631868
1485	70,5064653	82,1820548	122,734137	153,185378	186,441617	242,531283	261,809774
1486	70,5798534	82,2648058	122,83862	153,305059	186,579315	242,698543	261,98772
1487	70,6532669	82,3475844	122,943131	153,424771	186,717047	242,865841	262,165707
1488	70,7267058	82,4303908	123,047673	153,544513	186,854812	243,033178	262,343734
1489	70,8001702	82,513225	123,152244	153,664287	186,992612	243,200553	262,521801
1490	70,87366	82,5960869	123,256845	153,784092	187,130445	243,367967	262,699909
1491	70,9471752	82,6789765	123,361475	153,903928	187,268312	243,535419	262,878056
1492	71,0207158	82,7618938	123,466135	154,023796	187,406213	243,702909	263,056244
1493	71,0942818	82,8448388	123,570825	154,143694	187,544148	243,870438	263,234472
1494	71,1678731	82,9278115	123,675544	154,263623	187,682117	244,038005	263,412741
1495	71,2414899	83,0108118	123,780292	154,383584	187,820119	244,20561	263,59105
1496	71,315132	83,0938399	123,885071	154,503575	187,958155	244,373254	263,769398
1497	71,3887995	83,1768956	123,989878	154,623598	188,096225	244,540936	263,947787
1498	71,4624923	83,259979	124,094716	154,743652	188,234329	244,708657	264,126217
1499	71,5362104	83,34309	124,199582	154,863737	188,372467	244,876416	264,304686
1500	71,6099539	83,4262286	124,304479	154,983853	188,510638	245,044213	264,483196
1501	71,6837227	83,5093949	124,409405	155,103999	188,648844	245,212048	264,661746
1502	71,7575169	83,5925888	124,51436	155,224177	188,787082	245,379922	264,840336
1503	71,8313363	83,6758103	124,619345	155,344386	188,925355	245,547834	265,018966
1504	71,905181	83,7590594	124,724359	155,464626	189,063662	245,715784	265,197636
1505	71,979051	83,8423361	124,829403	155,584897	189,202002	245,883773	265,376346
1506	72,0529463	83,9256404	124,934476	155,705199	189,340376	246,0518	265,555097
1507	72,1268669	84,0089722	125,039579	155,825532	189,478783	246,219865	265,733888
1508	72,2008127	84,0923316	125,144711	155,945896	189,617225	246,387968	265,912718
1509	72,2747838	84,1757186	125,249873	156,066291	189,7557	246,55611	266,091589
1510	72,3487801	84,2591331	125,355064	156,186717	189,894208	246,72429	266,2705
1511	72,4228016	84,3425751	125,460285	156,307174	190,032751	246,892508	266,449451
1512	72,4968484	84,4260447	125,565535	156,427661	190,171327	247,060764	266,628442
1513	72,5709204	84,5095418	125,670814	156,54818	190,309936	247,229058	266,807473

1514	72,6450176	84,5930664	125,776123	156,66873	190,44858	247,397391	266,986545
1515	72,71914	84,6766185	125,881461	156,78931	190,587257	247,565762	267,165656
1516	72,7932876	84,760198	125,986829	156,909922	190,725968	247,734171	267,344807
1517	72,8674604	84,8438051	126,092226	157,030564	190,864712	247,902618	267,523998
1518	72,9416584	84,9274396	126,197652	157,151238	191,00349	248,071103	267,70323
1519	73,0158815	85,0111016	126,303108	157,271942	191,142301	248,239627	267,882501
1520	73,0901298	85,0947911	126,408593	157,392677	191,281147	248,408189	268,061812
1521	73,1644033	85,178508	126,514107	157,513443	191,420025	248,576788	268,241164
1522	73,2387018	85,2622523	126,619651	157,63424	191,558938	248,745426	268,420555
1523	73,3130256	85,346024	126,725224	157,755067	191,697884	248,914102	268,599986
1524	73,3873744	85,4298232	126,830826	157,875926	191,836863	249,082816	268,779457
1525	73,4617484	85,5136498	126,936458	157,996815	191,975876	249,251569	268,958969
1526	73,5361474	85,5975038	127,042119	158,117736	192,114923	249,420359	269,13852
1527	73,6105716	85,6813852	127,14781	158,238687	192,254003	249,589187	269,318111
1528	73,6850208	85,7652939	127,253529	158,359669	192,393117	249,758054	269,497742
1529	73,7594952	85,84923	127,359278	158,480681	192,532264	249,926959	269,677413
1530	73,8339946	85,9331935	127,465056	158,601725	192,671445	250,095901	269,857124
1531	73,9085191	86,0171844	127,570864	158,722799	192,81066	250,264882	270,036874
1532	73,9830686	86,1012026	127,676701	158,843904	192,949907	250,433901	270,216665
1533	74,0576432	86,1852481	127,782566	158,96504	193,089189	250,602957	270,396496
1534	74,1322428	86,269321	127,888462	159,086207	193,228504	250,772052	270,576366
1535	74,2068674	86,3534211	127,994386	159,207405	193,367852	250,941185	270,756276
1536	74,2815171	86,4375486	128,10034	159,328633	193,507234	251,110356	270,936226
1537	74,3561918	86,5217034	128,206323	159,449892	193,646649	251,279564	271,116216
1538	74,4308915	86,6058855	128,312335	159,571182	193,786098	251,448811	271,296246
1539	74,5056162	86,6900949	128,418376	159,692502	193,92558	251,618096	271,476316
1540	74,5803659	86,7743315	128,524447	159,813853	194,065096	251,787419	271,656425
1541	74,6551406	86,8585954	128,630546	159,935235	194,204645	251,956779	271,836574
1542	74,7299402	86,9428866	128,736675	160,056648	194,344228	252,126178	272,016763
1543	74,8047648	87,027205	128,842833	160,178091	194,483844	252,295615	272,196992
1544	74,8796144	87,1115507	128,949021	160,299565	194,623493	252,465089	272,377261
1545	74,9544889	87,1959236	129,055237	160,42107	194,763176	252,634602	272,557569
1546	75,0293883	87,2803237	129,161483	160,542605	194,902892	252,804152	272,737918
1547	75,1043127	87,364751	129,267757	160,664171	195,042642	252,97374	272,918306
1548	75,179262	87,4492055	129,374061	160,785768	195,182425	253,143367	273,098733
1549	75,2542362	87,5336873	129,480394	160,907396	195,322241	253,313031	273,279201
1550	75,3292354	87,6181962	129,586756	161,029054	195,462091	253,482733	273,459708
1551	75,4042594	87,7027323	129,693147	161,150742	195,601974	253,652472	273,640255
1552	75,4793083	87,7872955	129,799567	161,272462	195,74189	253,82225	273,820841
1553	75,5543821	87,8718859	129,906017	161,394212	195,88184	253,992066	274,001468
1554	75,6294808	87,9565035	130,012495	161,515992	196,021823	254,161919	274,182134
1555	75,7046043	88,0411482	130,119003	161,637804	196,16184	254,331811	274,36284
1556	75,7797527	88,1258201	130,225539	161,759645	196,30189	254,50174	274,543585
1557	75,8549259	88,2105191	130,332105	161,881518	196,441973	254,671707	274,72437
1558	75,930124	88,2952452	130,438699	162,003421	196,582089	254,841711	274,905195
1559	76,0053469	88,3799984	130,545323	162,125355	196,722239	255,011754	275,086059

1560	76,0805947	88,4647787	130,651976	162,247319	196,862422	255,181834	275,266963
1561	76,1558672	88,5495861	130,758658	162,369314	197,002638	255,351953	275,447907
1562	76,2311646	88,6344206	130,865368	162,491339	197,142888	255,522109	275,62889
1563	76,3064867	88,7192821	130,972108	162,613395	197,283171	255,692302	275,809913
1564	76,3818337	88,8041708	131,078877	162,735481	197,423487	255,862534	275,990976
1565	76,4572054	88,8890864	131,185675	162,857598	197,563836	256,032803	276,172078
1566	76,532602	88,9740292	131,292502	162,979746	197,704219	256,20311	276,35322
1567	76,6080232	89,0589989	131,399358	163,101924	197,844634	256,373455	276,534401
1568	76,6834693	89,1439957	131,506242	163,224132	197,985083	256,543838	276,715622
1569	76,7589401	89,2290196	131,613156	163,346371	198,125566	256,714258	276,896882
1570	76,8344356	89,3140704	131,720099	163,468641	198,266081	256,884716	277,078182
1571	76,9099559	89,3991483	131,82707	163,590941	198,40663	257,055212	277,259522
1572	76,9855009	89,4842531	131,934071	163,713271	198,547212	257,225745	277,440901
1573	77,0610706	89,5693849	132,0411	163,835632	198,687827	257,396316	277,62232
1574	77,136665	89,6545437	132,148159	163,958024	198,828475	257,566925	277,803778
1575	77,2122841	89,7397295	132,255246	164,080446	198,969156	257,737571	277,985276
1576	77,2879279	89,8249423	132,362363	164,202898	199,109871	257,908255	278,166813
1577	77,3635965	89,910182	132,469508	164,325381	199,250619	258,078977	278,34839
1578	77,4392896	89,9954486	132,576682	164,447894	199,3914	258,249737	278,530006
1579	77,5150075	90,0807422	132,683885	164,570438	199,532214	258,420534	278,711662
1580	77,59075	90,1660627	132,791117	164,693012	199,673061	258,591368	278,893357
1581	77,6665172	90,2514101	132,898377	164,815616	199,813941	258,762241	279,075091
1582	77,742309	90,3367845	133,005667	164,938251	199,954854	258,933151	279,256866
1583	77,8181255	90,4221857	133,112985	165,060917	200,095801	259,104098	279,438679
1584	77,8939665	90,5076138	133,220333	165,183612	200,23678	259,275083	279,620532
1585	77,9698323	90,5930689	133,327709	165,306338	200,377793	259,446106	279,802425
1586	78,0457226	90,6785508	133,435114	165,429095	200,518839	259,617167	279,984356
1587	78,1216375	90,7640595	133,542547	165,551882	200,659918	259,788264	280,166328
1588	78,197577	90,8495952	133,65001	165,674699	200,80103	259,9594	280,348338
1589	78,2735411	90,9351577	133,757501	165,797547	200,942175	260,130573	280,530388
1590	78,3495298	91,020747	133,865022	165,920425	201,083353	260,301784	280,712478
1591	78,4255431	91,1063632	133,972571	166,043333	201,224564	260,473032	280,894607
1592	78,501581	91,1920062	134,080148	166,166272	201,365808	260,644318	281,076775
1593	78,5776434	91,277676	134,187755	166,28924	201,507085	260,815641	281,258982
1594	78,6537303	91,3633726	134,29539	166,41224	201,648395	260,987001	281,441229
1595	78,7298418	91,449096	134,403054	166,535269	201,789739	261,1584	281,623516
1596	78,8059778	91,5348462	134,510747	166,658329	201,931115	261,329836	281,805841
1597	78,8821384	91,6206233	134,618469	166,781419	202,072524	261,501309	281,988206
1598	78,9583235	91,706427	134,726219	166,90454	202,213966	261,67282	282,17061
1599	79,034533	91,7922576	134,833998	167,027691	202,355441	261,844368	282,353054
1600	79,1107671	91,8781149	134,941806	167,150872	202,49695	262,015954	282,535537
1601	79,1870257	91,963999	135,049643	167,274083	202,638491	262,187577	282,718059
1602	79,2633088	92,0499098	135,157508	167,397324	202,780065	262,359237	282,90062
1603	79,3396163	92,1358473	135,265402	167,520596	202,921672	262,530935	283,083221
1604	79,4159483	92,2218116	135,373324	167,643898	203,063312	262,702671	283,265861
1605	79,4923048	92,3078026	135,481276	167,76723	203,204985	262,874444	283,44854

1606	79,5686858	92,3938203	135,589256	167,890593	203,346691	263,046254	283,631259
1607	79,6450911	92,4798647	135,697264	168,013986	203,48843	263,218102	283,814017
1608	79,721521	92,5659358	135,805302	168,137409	203,630201	263,389987	283,996814
1609	79,7979752	92,6520335	135,913368	168,260862	203,772006	263,56191	284,17965
1610	79,8744539	92,738158	136,021462	168,384345	203,913844	263,73387	284,362525
1611	79,950957	92,8243091	136,129586	168,507859	204,055714	263,905867	284,54544
1612	80,0274845	92,9104869	136,237737	168,631402	204,197617	264,077902	284,728394
1613	80,1040364	92,9966914	136,345918	168,754976	204,339553	264,249974	284,911387
1614	80,1806127	93,0829224	136,454127	168,87858	204,481523	264,422083	285,094419
1615	80,2572134	93,1691802	136,562365	169,002215	204,623524	264,59423	285,277491
1616	80,3338385	93,2554645	136,670631	169,125879	204,765559	264,766414	285,460601
1617	80,4104879	93,3417755	136,778926	169,249574	204,907627	264,938636	285,643751
1618	80,4871617	93,4281131	136,88725	169,373298	205,049727	265,110895	285,82694
1619	80,5638599	93,5144772	136,995602	169,497053	205,191861	265,283191	286,010168
1620	80,6405824	93,600868	137,103983	169,620838	205,334027	265,455524	286,193435
1621	80,7173293	93,6872854	137,212392	169,744653	205,476226	265,627895	286,376741
1622	80,7941004	93,7737293	137,32083	169,868498	205,618457	265,800303	286,560087
1623	80,8708959	93,8601998	137,429296	169,992374	205,760722	265,972748	286,743471
1624	80,9477157	93,9466969	137,537791	170,116279	205,903019	266,145231	286,926895
1625	81,0245599	94,0332206	137,646315	170,240214	206,04535	266,317751	287,110358
1626	81,1014283	94,1197707	137,754867	170,36418	206,187712	266,490308	287,29386
1627	81,178321	94,2063474	137,863447	170,488176	206,330108	266,662902	287,477401
1628	81,255238	94,2929507	137,972056	170,612201	206,472537	266,835534	287,66098
1629	81,3321793	94,3795805	138,080694	170,736257	206,614998	267,008203	287,8446
1630	81,4091448	94,4662367	138,18936	170,860343	206,757492	267,180909	288,028258
1631	81,4861347	94,5529195	138,298054	170,984459	206,900019	267,353652	288,211955
1632	81,5631487	94,6396288	138,406777	171,108605	207,042578	267,526432	288,395691
1633	81,640187	94,7263646	138,515529	171,23278	207,18517	267,69925	288,579466
1634	81,7172496	94,8131268	138,624309	171,356986	207,327795	267,872105	288,76328
1635	81,7943364	94,8999156	138,733117	171,481222	207,470453	268,044997	288,947134
1636	81,8714474	94,9867307	138,841954	171,605488	207,613143	268,217926	289,131026
1637	81,9485826	95,0735724	138,950819	171,729784	207,755866	268,390893	289,314957
1638	82,0257421	95,1604405	139,059713	171,85411	207,898622	268,563897	289,498927
1639	82,1029257	95,247335	139,168635	171,978466	208,04141	268,736937	289,682936
1640	82,1801335	95,334256	139,277586	172,102852	208,184231	268,910015	289,866984
1641	82,2573655	95,4212034	139,386565	172,227268	208,327085	269,08313	290,051072
1642	82,3346217	95,5081772	139,495572	172,351714	208,469971	269,256282	290,235198
1643	82,4119021	95,5951774	139,604608	172,47619	208,61289	269,429472	290,419363
1644	82,4892066	95,682204	139,713672	172,600696	208,755842	269,602698	290,603567
1645	82,5665353	95,7692571	139,822765	172,725231	208,898826	269,775962	290,78781
1646	82,6438882	95,8563365	139,931886	172,849797	209,041843	269,949262	290,972091
1647	82,7212651	95,9434422	140,041035	172,974393	209,184893	270,1226	291,156412
1648	82,7986663	96,0305744	140,150213	173,099018	209,327975	270,295975	291,340772
1649	82,8760915	96,1177329	140,259419	173,223674	209,47109	270,469387	291,52517
1650	82,9535409	96,2049177	140,368653	173,348359	209,614237	270,642836	291,709608
1651	83,0310143	96,2921289	140,477916	173,473074	209,757417	270,816322	291,894084

1652	83,1085119	96,3793665	140,587207	173,597819	209,90063	270,989845	292,078599
1653	83,1860336	96,4666303	140,696527	173,722594	210,043875	271,163405	292,263153
1654	83,2635793	96,5539205	140,805875	173,847399	210,187153	271,337002	292,447746
1655	83,3411491	96,641237	140,915251	173,972234	210,330463	271,510636	292,632378
1656	83,4187431	96,7285798	141,024655	174,097099	210,473806	271,684308	292,817048
1657	83,496361	96,8159489	141,134088	174,221993	210,617181	271,858016	293,001757
1658	83,5740031	96,9033443	141,243549	174,346918	210,760589	272,031761	293,186506
1659	83,6516692	96,990766	141,353038	174,471872	210,90403	272,205543	293,371293
1660	83,7293593	97,078214	141,462555	174,596856	211,047503	272,379363	293,556118
1661	83,8070734	97,1656882	141,572101	174,72187	211,191008	272,553219	293,740983
1662	83,8848116	97,2531887	141,681675	174,846913	211,334546	272,727112	293,925886
1663	83,9625739	97,3407154	141,791278	174,971987	211,478117	272,901042	294,110829
1664	84,0403601	97,4282683	141,900908	175,09709	211,62172	273,075009	294,29581
1665	84,1181703	97,5158475	142,010567	175,222223	211,765355	273,249013	294,480829
1666	84,1960046	97,603453	142,120254	175,347386	211,909023	273,423054	294,665888
1667	84,2738628	97,6910846	142,229969	175,472579	212,052724	273,597132	294,850985
1668	84,351745	97,7787425	142,339713	175,597801	212,196457	273,771247	295,036121
1669	84,4296512	97,8664265	142,449484	175,723054	212,340222	273,945399	295,221296
1670	84,5075813	97,9541368	142,559284	175,848336	212,48402	274,119588	295,406509
1671	84,5855355	98,0418732	142,669112	175,973647	212,62785	274,293813	295,591761
1672	84,6635135	98,1296358	142,778969	176,098989	212,771713	274,468076	295,777052
1673	84,7415156	98,2174246	142,888853	176,22436	212,915608	274,642375	295,962382
1674	84,8195415	98,3052395	142,998766	176,349761	213,059536	274,816711	296,14775
1675	84,8975914	98,3930807	143,108707	176,475192	213,203496	274,991084	296,333157
1676	84,9756652	98,4809479	143,218676	176,600653	213,347488	275,165494	296,518603
1677	85,053763	98,5688413	143,328673	176,726143	213,491513	275,339941	296,704087
1678	85,1318846	98,6567608	143,438698	176,851663	213,63557	275,514425	296,88961
1679	85,2100302	98,7447065	143,548751	176,977212	213,77966	275,688946	297,075171
1680	85,2881996	98,8326783	143,658833	177,102791	213,923782	275,863503	297,260772
1681	85,366393	98,9206761	143,768943	177,2284	214,067936	276,038097	297,44641
1682	85,4446102	99,0087001	143,87908	177,354039	214,212123	276,212728	297,632088
1683	85,5228513	99,0967502	143,989246	177,479707	214,356342	276,387396	297,817804
1684	85,6011163	99,1848263	144,09944	177,605406	214,500593	276,562101	298,003559
1685	85,6794051	99,2729286	144,209662	177,731133	214,644877	276,736842	298,189352
1686	85,7577178	99,3610569	144,319913	177,856891	214,789193	276,91162	298,375184
1687	85,8360543	99,4492113	144,430191	177,982677	214,933542	277,086435	298,561054
1688	85,9144146	99,5373917	144,540497	178,108494	215,077922	277,261287	298,746964
1689	85,9927988	99,6255982	144,650832	178,23434	215,222335	277,436176	298,932911
1690	86,0712068	99,7138307	144,761194	178,360216	215,366781	277,611101	299,118897
1691	86,1496387	99,8020892	144,871585	178,486122	215,511258	277,786063	299,304922
1692	86,2280943	99,8903738	144,982003	178,612057	215,655768	277,961062	299,490986
1693	86,3065737	99,9786844	145,09245	178,738022	215,800311	278,136097	299,677087
1694	86,385077	100,067021	145,202924	178,864016	215,944885	278,311169	299,863228
1695	86,463604	100,155384	145,313427	178,99004	216,089492	278,486278	300,049407
1696	86,5421548	100,243772	145,423958	179,116093	216,234131	278,661424	300,235624
1697	86,6207294	100,332187	145,534516	179,242176	216,378802	278,836606	300,42188

1698	86,6993277	100,420627	145,645103	179,368289	216,523506	279,011825	300,608175
1699	86,7779498	100,509094	145,755718	179,494431	216,668242	279,187081	300,794508
1700	86,8565957	100,597586	145,86636	179,620603	216,81301	279,362374	300,980879
1701	86,9352653	100,686105	145,977031	179,746804	216,95781	279,537703	301,167289
1702	87,0139586	100,774649	146,08773	179,873035	217,102643	279,713069	301,353737
1703	87,0926756	100,863219	146,198456	179,999295	217,247507	279,888471	301,540224
1704	87,1714164	100,951816	146,309211	180,125585	217,392404	280,06391	301,726749
1705	87,2501809	101,040438	146,419993	180,251905	217,537333	280,239386	301,913313
1706	87,3289691	101,129086	146,530804	180,378254	217,682295	280,414898	302,099915
1707	87,407781	101,21776	146,641642	180,504632	217,827288	280,590447	302,286556
1708	87,4866166	101,30646	146,752509	180,63104	217,972314	280,766033	302,473235
1709	87,5654759	101,395186	146,863403	180,757477	218,117372	280,941655	302,659952
1710	87,6443589	101,483938	146,974325	180,883944	218,262462	281,117314	302,846708
1711	87,7232656	101,572715	147,085275	181,010441	218,407584	281,293009	303,033502
1712	87,8021959	101,661519	147,196253	181,136967	218,552738	281,468741	303,220335
1713	87,8811498	101,750348	147,307259	181,263522	218,697925	281,64451	303,407206
1714	87,9601275	101,839203	147,418293	181,390107	218,843143	281,820315	303,594115
1715	88,0391287	101,928084	147,529354	181,516721	218,988394	281,996156	303,781063
1716	88,1181536	102,016991	147,640444	181,643365	219,133677	282,172035	303,968049
1717	88,1972022	102,105924	147,751561	181,770038	219,278992	282,347949	304,155073
1718	88,2762743	102,194882	147,862707	181,896741	219,424339	282,523901	304,342136
1719	88,3553701	102,283867	147,97388	182,023473	219,569718	282,699889	304,529237
1720	88,4344895	102,372877	148,085081	182,150234	219,715129	282,875913	304,716377
1721	88,5136324	102,461913	148,19631	182,277025	219,860573	283,051974	304,903554
1722	88,592799	102,550974	148,307566	182,403845	220,006048	283,228071	305,090771
1723	88,6719892	102,640062	148,418851	182,530695	220,151556	283,404205	305,278025
1724	88,7512029	102,729175	148,530163	182,657574	220,297095	283,580376	305,465318
1725	88,8304403	102,818314	148,641503	182,784482	220,442667	283,756583	305,652649
1726	88,9097012	102,907479	148,752871	182,91142	220,588271	283,932826	305,840018
1727	88,9889856	102,99667	148,864267	183,038387	220,733906	284,109106	306,027425
1728	89,0682936	103,085886	148,97569	183,165384	220,879574	284,285422	306,214871
1729	89,1476252	103,175129	149,087142	183,292409	221,025274	284,461775	306,402355
1730	89,2269802	103,264396	149,198621	183,419465	221,171006	284,638164	306,589877
1731	89,3063589	103,35369	149,310127	183,546549	221,316769	284,81459	306,777438
1732	89,385761	103,443009	149,421662	183,673663	221,462565	284,991052	306,965037
1733	89,4651867	103,532354	149,533224	183,800806	221,608393	285,167551	307,152673
1734	89,5446358	103,621725	149,644815	183,927979	221,754253	285,344086	307,340349
1735	89,6241085	103,711122	149,756432	184,055181	221,900145	285,520657	307,528062
1736	89,7036047	103,800544	149,868078	184,182412	222,046068	285,697265	307,715814
1737	89,7831244	103,889992	149,979751	184,309673	222,192024	285,873909	307,903603
1738	89,8626675	103,979465	150,091452	184,436962	222,338012	286,05059	308,091431
1739	89,9422341	104,068964	150,203181	184,564282	222,484032	286,227307	308,279297
1740	90,0218242	104,158489	150,314938	184,69163	222,630083	286,40406	308,467202
1741	90,1014378	104,24804	150,426722	184,819008	222,776167	286,58085	308,655144
1742	90,1810748	104,337616	150,538534	184,946414	222,922282	286,757676	308,843125
1743	90,2607353	104,427218	150,650373	185,073851	223,06843	286,934538	309,031144

1744	90,3404192	104,516845	150,762241	185,201316	223,214609	287,111437	309,219201
1745	90,4201265	104,606498	150,874136	185,328811	223,36082	287,288372	309,407296
1746	90,4998573	104,696177	150,986058	185,456335	223,507064	287,465344	309,595429
1747	90,5796115	104,785881	151,098008	185,583888	223,653339	287,642351	309,7836
1748	90,6593891	104,875611	151,209986	185,711147	223,799646	287,819395	309,971809
1749	90,7391901	104,965366	151,321992	185,839082	223,945985	287,996476	310,160057
1750	90,8190145	105,055147	151,434025	185,966723	224,092355	288,173593	310,348343
1751	90,8988623	105,144954	151,546086	186,094393	224,238758	288,350746	310,536666
1752	90,9787335	105,234786	151,658174	186,222092	224,385193	288,527935	310,725028
1753	91,0586281	105,324644	151,770291	186,34982	224,531659	288,70516	310,913428
1754	91,138546	105,414528	151,882434	186,477578	224,678157	288,882422	311,101866
1755	91,2184873	105,504436	151,994606	186,605365	224,824687	289,05972	311,290342
1756	91,298452	105,594371	152,106805	186,733181	224,971249	289,237055	311,478856
1757	91,37844	105,684331	152,219031	186,861026	225,117843	289,414425	311,667408
1758	91,4584514	105,774316	152,331285	186,9889	225,264469	289,591832	311,855998
1759	91,5384861	105,864328	152,443567	187,116804	225,411126	289,769275	312,044626
1760	91,6185441	105,954364	152,555876	187,244737	225,557815	289,946754	312,233292
1761	91,6986255	106,044426	152,668213	187,372698	225,704536	290,12427	312,421996
1762	91,7787302	106,134514	152,780577	187,500689	225,851289	290,301822	312,610738
1763	91,8588582	106,224627	152,892969	187,628709	225,998074	290,47941	312,799518
1764	91,9390095	106,314765	153,005389	187,756758	226,14489	290,657034	312,988336
1765	92,0191841	106,40493	153,117836	187,884837	226,291738	290,834694	313,177192
1766	92,099382	106,495119	153,23031	188,012944	226,438618	291,012391	313,366086
1767	92,1796032	106,585334	153,342812	188,141081	226,58553	291,190123	313,555018
1768	92,2598476	106,675575	153,455342	188,269246	226,732473	291,367892	313,743988
1769	92,3401154	106,76584	153,567899	188,397441	226,879449	291,545697	313,932996
1770	92,4204064	106,856132	153,680484	188,525665	227,026455	291,723538	314,122042
1771	92,5007206	106,946449	153,793096	188,653917	227,173494	291,901416	314,311125
1772	92,5810581	107,036791	153,905735	188,782199	227,320565	292,079329	314,500247
1773	92,6614189	107,127159	154,018403	188,91051	227,467667	292,257279	314,689407
1774	92,7418028	107,217552	154,131097	189,03885	227,614801	292,435264	314,878604
1775	92,82221	107,30797	154,243819	189,167219	227,761966	292,613286	315,06784
1776	92,9026405	107,398414	154,356569	189,295618	227,909164	292,791344	315,257113
1777	92,9830941	107,488883	154,469346	189,424045	228,056392	292,969438	315,446424
1778	93,063571	107,579378	154,58215	189,552501	228,203653	293,147568	315,635773
1779	93,1440711	107,669898	154,694982	189,680986	228,350946	293,325735	315,82516
1780	93,2245944	107,760443	154,807841	189,8095	228,49827	293,503937	316,014585
1781	93,3051408	107,851014	154,920728	189,938044	228,645625	293,682175	316,204048
1782	93,3857105	107,94161	155,033642	190,066616	228,793013	293,86045	316,393548
1783	93,4663033	108,032232	155,146584	190,195217	228,940432	294,03876	316,583086
1784	93,5469193	108,122879	155,259553	190,323847	229,087882	294,217107	316,772663
1785	93,6275584	108,213551	155,372549	190,452506	229,235365	294,395489	316,962277
1786	93,7082207	108,304249	155,485573	190,581195	229,382879	294,573908	317,151928
1787	93,7889062	108,394971	155,598624	190,709912	229,530424	294,752363	317,341618
1788	93,8696148	108,48572	155,711703	190,838658	229,678001	294,930853	317,531345
1789	93,9503466	108,576493	155,824809	190,967433	229,82561	295,10938	317,721111

1790	94,0311014	108,667292	155,937942	191,096237	229,973251	295,287943	317,910914
1791	94,1118794	108,758116	156,051103	191,22507	230,120923	295,466541	318,100754
1792	94,1926806	108,848965	156,164291	191,353932	230,268626	295,645176	318,290633
1793	94,2735048	108,93984	156,277506	191,482823	230,416361	295,823847	318,480549
1794	94,3543521	109,03074	156,390749	191,611743	230,564128	296,002553	318,670503
1795	94,4352226	109,121665	156,504019	191,740691	230,711927	296,181296	318,860495
1796	94,5161161	109,212616	156,617317	191,869669	230,859756	296,360075	319,050525
1797	94,5970327	109,303591	156,730641	191,998676	231,007618	296,538889	319,240592
1798	94,6779724	109,394592	156,843993	192,127711	231,155511	296,71774	319,430697
1799	94,7589351	109,485618	156,957373	192,256775	231,303436	296,896626	319,62084
1800	94,839921	109,57667	157,070779	192,385869	231,451392	297,075548	319,81102
1801	94,9209299	109,667746	157,184213	192,514991	231,599379	297,254507	320,001239
1802	95,0019618	109,758848	157,297675	192,644142	231,747399	297,433501	320,191495
1803	95,0830168	109,849975	157,411163	192,773321	231,895449	297,612531	320,381788
1804	95,1640948	109,941128	157,524679	192,90253	232,043531	297,791597	320,572119
1805	95,2451958	110,032305	157,638222	193,031768	232,191645	297,970699	320,762488
1806	95,3263199	110,123508	157,751793	193,161034	232,33979	298,149837	320,952895
1807	95,407467	110,214736	157,86539	193,290329	232,487967	298,329011	321,143339
1808	95,4886371	110,305989	157,979015	193,419653	232,636175	298,50822	321,333821
1809	95,5698302	110,397267	158,092668	193,549006	232,784415	298,687466	321,524341
1810	95,6510463	110,48857	158,206347	193,678388	232,932686	298,866747	321,714898
1811	95,7322854	110,579899	158,320054	193,807799	233,080989	299,046064	321,905493
1812	95,8135475	110,671253	158,433787	193,937238	233,229323	299,225417	322,096125
1813	95,8948326	110,762632	158,547549	194,066706	233,377689	299,404806	322,286795
1814	95,9761407	110,854035	158,661337	194,196203	233,526085	299,584231	322,477503
1815	96,0574717	110,945465	158,775152	194,325729	233,674514	299,763691	322,668248
1816	96,1388256	111,036919	158,888995	194,455283	233,822974	299,943188	322,859031
1817	96,2202026	111,128398	159,002865	194,584867	233,971465	300,12272	323,049851
1818	96,3016024	111,219903	159,116762	194,714479	234,119988	300,302288	323,240709
1819	96,3830253	111,311432	159,230686	194,844119	234,268542	300,481891	323,431605
1820	96,464471	111,402987	159,344638	194,973789	234,417127	300,661531	323,622538
1821	96,5459397	111,494567	159,458617	195,103487	234,565744	300,841206	323,813509
1822	96,6274313	111,586171	159,572622	195,233215	234,714393	301,020917	324,004517
1823	96,7089458	111,677801	159,686655	195,36297	234,863072	301,200664	324,195563
1824	96,7904832	111,769456	159,800715	195,492755	235,011784	301,380447	324,386646
1825	96,8720436	111,861136	159,914803	195,622568	235,160526	301,560265	324,577767
1826	96,9536268	111,952841	160,028917	195,75241	235,3093	301,74012	324,768926
1827	97,0352329	112,044571	160,143059	195,882281	235,458105	301,920009	324,960122
1828	97,1168619	112,136326	160,257227	196,01218	235,606942	302,099935	325,151355
1829	97,1985138	112,228107	160,371423	196,142109	235,755809	302,279896	325,342626
1830	97,2801885	112,319912	160,485646	196,272065	235,904709	302,459894	325,533934
1831	97,3618861	112,411742	160,599896	196,402051	236,053639	302,639926	325,72528
1832	97,4436066	112,503597	160,714173	196,532065	236,202601	302,819995	325,916664
1833	97,5253499	112,595478	160,828477	196,662108	236,351594	303,000099	326,108084
1834	97,6071161	112,687383	160,942808	196,79218	236,500619	303,180239	326,299543
1835	97,6889051	112,779313	161,057167	196,92228	236,649675	303,360415	326,491038

1836	97,7707169	112,871268	161,171552	197,052409	236,798762	303,540626	326,682572
1837	97,8525516	112,963249	161,285964	197,182566	236,94788	303,720873	326,874142
1838	97,934409	113,055254	161,400404	197,312752	237,09703	303,901155	327,06575
1839	98,0162893	113,147284	161,514871	197,442967	237,246211	304,081474	327,257396
1840	98,0981924	113,239339	161,629364	197,573211	237,395423	304,261827	327,449079
1841	98,1801183	113,331419	161,743885	197,703483	237,544667	304,442217	327,640799
1842	98,262067	113,423524	161,858433	197,833783	237,693942	304,622642	327,832557
1843	98,3440385	113,515654	161,973007	197,964113	237,843248	304,803103	328,024352
1844	98,4260328	113,607809	162,087609	198,094471	237,992585	304,983599	328,216184
1845	98,5080498	113,699989	162,202238	198,224857	238,141954	305,164131	328,408054
1846	98,5900896	113,792193	162,316894	198,355272	238,291354	305,344699	328,599962
1847	98,6721522	113,884423	162,431576	198,485716	238,440785	305,525302	328,791906
1848	98,7542375	113,976677	162,546286	198,616188	238,590247	305,705941	328,983888
1849	98,8363456	114,068957	162,661023	198,746689	238,73974	305,886616	329,175907
1850	98,9184764	114,161261	162,775787	198,877219	238,889265	306,067326	329,367964
1851	99,0006299	114,25359	162,890577	199,007777	239,038821	306,248071	329,560058
1852	99,0828062	114,345944	163,005395	199,138363	239,188408	306,428852	329,75219
1853	99,1650052	114,438323	163,12024	199,268978	239,338026	306,609669	329,944358
1854	99,2472269	114,530727	163,235111	199,399622	239,487676	306,790521	330,136564
1855	99,3294714	114,623156	163,35001	199,530294	239,637356	306,971409	330,328807
1856	99,4117385	114,715609	163,464936	199,660995	239,787068	307,152332	330,521088
1857	99,4940284	114,808088	163,579888	199,791724	239,936811	307,333291	330,713406
1858	99,5763409	114,900591	163,694867	199,922482	240,086585	307,514286	330,905761
1859	99,6586761	114,993119	163,809874	200,053268	240,23639	307,695315	331,098154
1860	99,741034	115,085672	163,924907	200,184083	240,386227	307,876381	331,290583
1861	99,8234146	115,178249	164,039967	200,314926	240,536094	308,057482	331,48305
1862	99,9058178	115,270852	164,155054	200,445798	240,685993	308,238618	331,675554
1863	99,9882437	115,363479	164,270168	200,576698	240,835923	308,41979	331,868096
1864	100,070692	115,456131	164,385309	200,707627	240,985884	308,600997	332,060675
1865	100,153164	115,548808	164,500477	200,838584	241,135876	308,78224	332,253291
1866	100,235657	115,64151	164,615671	200,96957	241,285899	308,963519	332,445944
1867	100,318174	115,734236	164,730893	201,100584	241,435953	309,144832	332,638634
1868	100,400713	115,826987	164,846141	201,231626	241,586039	309,326182	332,831362
1869	100,483275	115,919763	164,961417	201,362697	241,736155	309,507566	333,024127
1870	100,565859	116,012564	165,076719	201,493797	241,886302	309,688986	333,216929
1871	100,648466	116,105389	165,192048	201,624925	242,036481	309,870442	333,409768
1872	100,731096	116,19824	165,307403	201,756081	242,186691	310,051933	333,602645
1873	100,813748	116,291115	165,422786	201,887266	242,336931	310,233459	333,795558
1874	100,896423	116,384014	165,538196	202,018479	242,487203	310,415021	333,988509
1875	100,97912	116,476939	165,653632	202,149721	242,637506	310,596618	334,181497
1876	101,06184	116,569888	165,769095	202,280991	242,78784	310,778251	334,374522
1877	101,144582	116,662862	165,884585	202,412289	242,938205	310,959919	334,567584
1878	101,227348	116,75586	166,000102	202,543616	243,088601	311,141622	334,760684
1879	101,310135	116,848883	166,115645	202,674972	243,239028	311,323361	334,95382
1880	101,392945	116,941931	166,231216	202,806355	243,389486	311,505135	335,146994
1881	101,475778	117,035004	166,346813	202,937767	243,539974	311,686945	335,340205

1882	101,558633	117,128101	166,462437	203,069207	243,690494	311,86879	335,533452
1883	101,641511	117,221223	166,578087	203,200676	243,841045	312,05067	335,726737
1884	101,724412	117,31437	166,693765	203,332173	243,991627	312,232585	335,92006
1885	101,807335	117,407541	166,809469	203,463699	244,14224	312,414536	336,113419
1886	101,89028	117,500737	166,9252	203,595253	244,292884	312,596523	336,306815
1887	101,973248	117,593958	167,040958	203,726835	244,443559	312,778544	336,500248
1888	102,056238	117,687203	167,156742	203,858445	244,594265	312,960601	336,693719
1889	102,139251	117,780473	167,272553	203,990084	244,745002	313,142693	336,887226
1890	102,222287	117,873767	167,388391	204,121751	244,89577	313,324821	337,080771
1891	102,305345	117,967086	167,504256	204,253446	245,046568	313,506983	337,274352
1892	102,388425	118,06043	167,620147	204,38517	245,197398	313,689181	337,467971
1893	102,471528	118,153799	167,736066	204,516922	245,348258	313,871415	337,661627
1894	102,554653	118,247191	167,85201	204,648703	245,49915	314,053683	337,855319
1895	102,637801	118,340609	167,967982	204,780511	245,650072	314,235987	338,049049
1896	102,720971	118,434051	168,08398	204,912348	245,801026	314,418326	338,242816
1897	102,804164	118,527518	168,200005	205,044213	245,95201	314,600701	338,43662
1898	102,887379	118,621009	168,316057	205,176107	246,103025	314,78311	338,63046
1899	102,970617	118,714525	168,432135	205,308029	246,254071	314,965555	338,824338
1900	103,053877	118,808065	168,54824	205,439979	246,405148	315,148035	339,018253
1901	103,13716	118,90163	168,664371	205,571957	246,556256	315,330551	339,212205
1902	103,220464	118,99522	168,78053	205,703963	246,707395	315,513101	339,406193
1903	103,303792	119,088834	168,896715	205,835998	246,858564	315,695687	339,600219
1904	103,387142	119,182472	169,012926	205,968061	247,009765	315,878308	339,794281
1905	103,470514	119,276136	169,129164	206,100152	247,160996	316,060964	339,988381
1906	103,553908	119,369823	169,245429	206,232272	247,312258	316,243656	340,182517
1907	103,637325	119,463535	169,361721	206,364419	247,463551	316,426382	340,376691
1908	103,720764	119,557272	169,478039	206,496595	247,614875	316,609144	340,570901
1909	103,804226	119,651033	169,594384	206,628799	247,76623	316,791941	340,765149
1910	103,88771	119,744819	169,710755	206,761032	247,917615	316,974773	340,959433
1911	103,971217	119,838629	169,827153	206,893292	248,069031	317,15764	341,153754
1912	104,054746	119,932464	169,943577	207,025581	248,220478	317,340543	341,348112
1913	104,138297	120,026323	170,060029	207,157898	248,371956	317,52348	341,542507
1914	104,22187	120,120206	170,176506	207,290243	248,523465	317,706453	341,736939
1915	104,305466	120,214114	170,293011	207,422616	248,675005	317,889461	341,931407
1916	104,389084	120,308047	170,409541	207,555017	248,826575	318,072504	342,125913
1917	104,472725	120,402004	170,526099	207,687447	248,978176	318,255582	342,320455
1918	104,556388	120,495985	170,642683	207,819905	249,129808	318,438695	342,515035
1919	104,640073	120,589991	170,759293	207,95239	249,281471	318,621843	342,709651
1920	104,72378	120,684021	170,875931	208,084904	249,433164	318,805027	342,904304
1921	104,80751	120,778076	170,992594	208,217446	249,584888	318,988245	343,098993
1922	104,891262	120,872155	171,109284	208,350017	249,736643	319,171499	343,29372
1923	104,975037	120,966259	171,226001	208,482615	249,888429	319,354787	343,488484
1924	105,058833	121,060387	171,342744	208,615242	250,040245	319,538111	343,683284
1925	105,142652	121,154539	171,459514	208,747896	250,192092	319,72147	343,878121
1926	105,226494	121,248716	171,57631	208,880579	250,34397	319,904864	344,072995
1927	105,310357	121,342917	171,693133	209,01329	250,495879	320,088292	344,267906

1928	105,394243	121,437143	171,809982	209,146028	250,647818	320,271756	344,462853
1929	105,478151	121,531392	171,926858	209,278795	250,799788	320,455255	344,657837
1930	105,562081	121,625667	172,043761	209,411591	250,951788	320,638789	344,852858
1931	105,646034	121,719965	172,160689	209,544414	251,10382	320,822358	345,047916
1932	105,730009	121,814288	172,277645	209,677265	251,255882	321,005962	345,243011
1933	105,814006	121,908636	172,394626	209,810144	251,407975	321,189601	345,438142
1934	105,898025	122,003007	172,511634	209,943051	251,560098	321,373275	345,63331
1935	105,982066	122,097403	172,628669	210,075987	251,712252	321,556985	345,828515
1936	106,06613	122,191824	172,74573	210,20895	251,864437	321,740729	346,023757
1937	106,150216	122,286269	172,862818	210,341942	252,016652	321,924508	346,219035
1938	106,234324	122,380738	172,979932	210,474961	252,168898	322,108322	346,41435
1939	106,318455	122,475231	173,097072	210,608009	252,321175	322,292171	346,609702
1940	106,402607	122,569749	173,214239	210,741084	252,473483	322,476055	346,80509
1941	106,486782	122,66429	173,331432	210,874188	252,625821	322,659973	347,000515
1942	106,570979	122,758857	173,448652	211,007319	252,778189	322,843927	347,195977
1943	106,655198	122,853447	173,565898	211,140479	252,930588	323,027916	347,391476
1944	106,739439	122,948062	173,683171	211,273667	253,083018	323,21194	347,587011
1945	106,823703	123,042701	173,800469	211,406882	253,235479	323,395999	347,782583
1946	106,907988	123,137364	173,917795	211,540126	253,38797	323,580092	347,978191
1947	106,992296	123,232052	174,035146	211,673397	253,540491	323,764221	348,173837
1948	107,076626	123,326764	174,152525	211,806697	253,693044	323,948384	348,369518
1949	107,160978	123,4215	174,269929	211,940024	253,845627	324,132582	348,565237
1950	107,245352	123,51626	174,38736	212,07338	253,99824	324,316816	348,760992
1951	107,329748	123,611045	174,504817	212,206763	254,150884	324,501084	348,956784
1952	107,414167	123,705854	174,622301	212,340175	254,303559	324,685387	349,152612
1953	107,498608	123,800687	174,73981	212,473614	254,456264	324,869725	349,348477
1954	107,58307	123,895544	174,857347	212,607081	254,608999	325,054097	349,544379
1955	107,667555	123,990426	174,974909	212,740576	254,761765	325,238505	349,740317
1956	107,752062	124,085331	175,092498	212,874099	254,914562	325,422948	349,936292
1957	107,836591	124,180261	175,210113	213,00765	255,06739	325,607425	350,132303
1958	107,921142	124,275216	175,327755	213,141229	255,220247	325,791937	350,328351
1959	108,005715	124,370194	175,445423	213,274836	255,373136	325,976484	350,524436
1960	108,09031	124,465196	175,563117	213,408471	255,526055	326,161066	350,720557
1961	108,174928	124,560223	175,680838	213,542134	255,679004	326,345683	350,916715
1962	108,259567	124,655274	175,798585	213,675824	255,831984	326,530334	351,112909
1963	108,344229	124,750349	175,916358	213,809543	255,984994	326,71502	351,30914
1964	108,428912	124,845448	176,034157	213,943289	256,138035	326,899742	351,505407
1965	108,513618	124,940571	176,151983	214,077063	256,291106	327,084498	351,701711
1966	108,598345	125,035719	176,269835	214,210865	256,444208	327,269288	351,898052
1967	108,683095	125,13089	176,387713	214,344695	256,597341	327,454114	352,094429
1968	108,767867	125,226086	176,505617	214,478553	256,750503	327,638974	352,290842
1969	108,85266	125,321306	176,623548	214,612439	256,903697	327,823869	352,487292
1970	108,937476	125,41655	176,741505	214,746352	257,05692	328,008799	352,683779
1971	109,022314	125,511818	176,859488	214,880294	257,210174	328,193763	352,880301
1972	109,107174	125,60711	176,977498	215,014263	257,363459	328,378763	353,076861
1973	109,192056	125,702427	177,095534	215,14826	257,516774	328,563797	353,273457

1974	109,276959	125,797767	177,213596	215,282285	257,670119	328,748866	353,470089
1975	109,361885	125,893131	177,331684	215,416337	257,823495	328,933969	353,666758
1976	109,446833	125,98852	177,449798	215,550418	257,976902	329,119108	353,863464
1977	109,531803	126,083933	177,567939	215,684526	258,130338	329,304281	354,060205
1978	109,616794	126,179369	177,686106	215,818662	258,283805	329,489488	354,256984
1979	109,701808	126,27483	177,804299	215,952826	258,437303	329,674731	354,453798
1980	109,786844	126,370315	177,922518	216,087018	258,590831	329,860008	354,650649
1981	109,871901	126,465824	178,040763	216,221237	258,744389	330,04532	354,847537
1982	109,956981	126,561357	178,159035	216,355484	258,897978	330,230666	355,044461
1983	110,042082	126,656914	178,277333	216,489759	259,051597	330,416047	355,241421
1984	110,127206	126,752495	178,395656	216,624062	259,205246	330,601463	355,438418
1985	110,212351	126,8481	178,514007	216,758393	259,358926	330,786914	355,635451
1986	110,297519	126,943729	178,632383	216,892751	259,512636	330,972399	355,832521
1987	110,382708	127,039382	178,750785	217,027137	259,666377	331,157919	356,029627
1988	110,467919	127,13506	178,869214	217,161551	259,820148	331,343474	356,226769
1989	110,553152	127,230761	178,987669	217,295992	259,973949	331,529063	356,423948
1990	110,638407	127,326486	179,106149	217,430461	260,12778	331,714686	356,621163
1991	110,723684	127,422235	179,224656	217,564958	260,281642	331,900345	356,818415
1992	110,808983	127,518008	179,343189	217,699483	260,435535	332,086038	357,015702
1993	110,894304	127,613805	179,461749	217,834035	260,589457	332,271766	357,213027
1994	110,979646	127,709626	179,580334	217,968615	260,74341	332,457528	357,410387
1995	111,065011	127,805471	179,698945	218,103223	260,897393	332,643325	357,607784
1996	111,150397	127,901341	179,817583	218,237859	261,051406	332,829156	357,805217
1997	111,235805	127,997233	179,936247	218,372522	261,20545	333,015022	358,002687
1998	111,321236	128,09315	180,054936	218,507213	261,359524	333,200923	358,200192
1999	111,406687	128,189091	180,173652	218,641931	261,513629	333,386858	358,397735
2000	111,492161	128,285056	180,292394	218,776678	261,667763	333,572828	358,595313
2001	111,577657	128,381045	180,411162	218,911452	261,821928	333,758833	358,792928
2002	111,663174	128,477058	180,529956	219,046253	261,976123	333,944871	358,990579
2003	111,748714	128,573094	180,648776	219,181082	262,130348	334,130945	359,188266
2004	111,834275	128,669155	180,767622	219,315939	262,284604	334,317053	359,385989
2005	111,919858	128,765239	180,886495	219,450824	262,43889	334,503196	359,583749
2006	112,005463	128,861348	181,005393	219,585736	262,593206	334,689373	359,781545
2007	112,091089	128,95748	181,124317	219,720676	262,747552	334,875584	359,979378
2008	112,176738	129,053636	181,243267	219,855643	262,901929	335,061831	360,177246
2009	112,262408	129,149816	181,362244	219,990638	263,056336	335,248111	360,375151
2010	112,3481	129,24602	181,481246	220,125661	263,210773	335,434426	360,573092
2011	112,433814	129,342248	181,600275	220,260711	263,36524	335,620776	360,771069
2012	112,519549	129,438499	181,719329	220,395789	263,519737	335,80716	360,969083
2013	112,605307	129,534775	181,838409	220,530895	263,674265	335,993579	361,167133
2014	112,691086	129,631074	181,957516	220,666028	263,828823	336,180032	361,365219
2015	112,776887	129,727398	182,076648	220,801189	263,983411	336,36652	361,563341
2016	112,86271	129,823745	182,195807	220,936377	264,138029	336,553042	361,761499
2017	112,948554	129,920116	182,314991	221,071593	264,292677	336,739598	361,959693
2018	113,03442	130,01651	182,434201	221,206836	264,447356	336,92619	362,157924
2019	113,120308	130,112929	182,553438	221,342107	264,602065	337,112815	362,356191

2020	113,206218	130,209371	182,6727	221,477406	264,756803	337,299475	362,554494
2021	113,29215	130,305838	182,791988	221,612732	264,911572	337,486169	362,752833
2022	113,378103	130,402328	182,911302	221,748085	265,066372	337,672898	362,951209
2023	113,464078	130,498841	183,030643	221,883467	265,221201	337,859661	363,14962
2024	113,550074	130,595379	183,150009	222,018875	265,37606	338,046459	363,348068
2025	113,636093	130,69194	183,269401	222,154312	265,53095	338,233291	363,546551
2026	113,722133	130,788526	183,388819	222,289776	265,685869	338,420158	363,745071
2027	113,808194	130,885135	183,508263	222,425267	265,840819	338,607058	363,943627
2028	113,894278	130,981767	183,627732	222,560786	265,995799	338,793994	364,14222
2029	113,980383	131,078424	183,747228	222,696332	266,150809	338,980963	364,340848
2030	114,06651	131,175104	183,86675	222,831906	266,305849	339,167967	364,539512
2031	114,152658	131,271808	183,986297	222,967507	266,46092	339,355006	364,738213
2032	114,238829	131,368536	184,105871	223,103136	266,61602	339,542079	364,936949
2033	114,32502	131,465288	184,22547	223,238793	266,77115	339,729186	365,135722
2034	114,411234	131,562063	184,345095	223,374476	266,926311	339,916327	365,33453
2035	114,497469	131,658862	184,464746	223,510188	267,081501	340,103503	365,533375
2036	114,583726	131,755685	184,584423	223,645926	267,236722	340,290713	365,732256
2037	114,670004	131,852531	184,704126	223,781693	267,391972	340,477958	365,931173
2038	114,756305	131,949402	184,823855	223,917486	267,547253	340,665237	366,130126
2039	114,842626	132,046296	184,943609	224,053308	267,702564	340,85255	366,329115
2040	114,92897	132,143213	185,06339	224,189156	267,857905	341,039897	366,52814
2041	115,015335	132,240154	185,183196	224,325032	268,013275	341,227279	366,727201
2042	115,101722	132,33712	185,303028	224,460936	268,168676	341,414695	366,926298
2043	115,18813	132,434108	185,422886	224,596867	268,324107	341,602146	367,125431
2044	115,27456	132,531121	185,54277	224,732825	268,479568	341,78963	367,3246
2045	115,361011	132,628157	185,66268	224,868811	268,635059	341,977149	367,523805
2046	115,447484	132,725216	185,782615	225,004824	268,79058	342,164703	367,723046
2047	115,533979	132,8223	185,902576	225,140865	268,946131	342,35229	367,922323
2048	115,620495	132,919407	186,022563	225,276933	269,101712	342,539912	368,121636
2049	115,707033	133,016538	186,142576	225,413028	269,257322	342,727568	368,320985
2050	115,793593	133,113692	186,262615	225,549151	269,412963	342,915258	368,52037
2051	115,880174	133,21087	186,382679	225,685301	269,568634	343,102983	368,719791
2052	115,966776	133,308072	186,502769	225,821479	269,724335	343,290742	368,919248
2053	116,0534	133,405297	186,622885	225,957684	269,880066	343,478535	369,118741
2054	116,140046	133,502546	186,743027	226,093916	270,035826	343,666362	369,31827
2055	116,226713	133,599818	186,863195	226,230176	270,191617	343,854224	369,517835
2056	116,313402	133,697114	186,983388	226,366463	270,347438	344,042119	369,717435
2057	116,400113	133,794434	187,103607	226,502777	270,503288	344,230049	369,917072
2058	116,486844	133,891778	187,223852	226,639119	270,659169	344,418014	370,116745
2059	116,573598	133,989144	187,344123	226,775488	270,815079	344,606012	370,316453
2060	116,660373	134,086535	187,464419	226,911885	270,97102	344,794044	370,516197
2061	116,747169	134,183949	187,584741	227,048309	271,12699	344,982111	370,715978
2062	116,833987	134,281387	187,705089	227,18476	271,28299	345,170212	370,915794
2063	116,920827	134,378848	187,825462	227,321238	271,43902	345,358347	371,115646
2064	117,007688	134,476333	187,945862	227,457744	271,59508	345,546517	371,315534
2065	117,09457	134,573841	188,066287	227,594277	271,75117	345,73472	371,515458

2066	117,181474	134,671373	188,186737	227,730838	271,90729	345,922958	371,715417
2067	117,2684	134,768929	188,307214	227,867425	272,06344	346,111229	371,915413
2068	117,355347	134,866508	188,427716	228,00404	272,219619	346,299535	372,115444
2069	117,442315	134,96411	188,548243	228,140683	272,375829	346,487875	372,315512
2070	117,529305	135,061737	188,668797	228,277352	272,532068	346,676249	372,515615
2071	117,616316	135,159386	188,789376	228,414049	272,688337	346,864658	372,715754
2072	117,703349	135,257059	188,909981	228,550773	272,844636	347,0531	372,915928
2073	117,790404	135,354756	189,030611	228,687525	273,000965	347,241576	373,116139
2074	117,877479	135,452476	189,151267	228,824303	273,157324	347,430087	373,316385
2075	117,964577	135,55022	189,271949	228,961109	273,313713	347,618632	373,516667
2076	118,051695	135,647987	189,392657	229,097942	273,470131	347,807211	373,716985
2077	118,138835	135,745778	189,51339	229,234803	273,626579	347,995824	373,917339
2078	118,225997	135,843592	189,634148	229,37169	273,783057	348,18447	374,117729
2079	118,31318	135,94143	189,754933	229,508605	273,939565	348,373152	374,318154
2080	118,400384	136,039291	189,875743	229,645547	274,096103	348,561867	374,518615
2081	118,48761	136,137175	189,996579	229,782517	274,25267	348,750616	374,719112
2082	118,574857	136,235084	190,11744	229,919513	274,409268	348,939399	374,919645
2083	118,662126	136,333015	190,238327	230,056537	274,565895	349,128216	375,120213
2084	118,749415	136,43097	190,359239	230,193588	274,722552	349,317068	375,320818
2085	118,836727	136,528949	190,480177	230,330666	274,879238	349,505953	375,521458
2086	118,92406	136,62695	190,601141	230,467772	275,035955	349,694873	375,722133
2087	119,011414	136,724976	190,72213	230,604904	275,192701	349,883826	375,922845
2088	119,098789	136,823024	190,843145	230,742064	275,349477	350,072813	376,123592
2089	119,186186	136,921097	190,964186	230,879251	275,506283	350,261835	376,324375
2090	119,273604	137,019192	191,085252	231,016465	275,663118	350,45089	376,525193
2091	119,361044	137,117311	191,206343	231,153707	275,819983	350,63998	376,726048
2092	119,448505	137,215454	191,327461	231,290975	275,976878	350,829103	376,926938
2093	119,535987	137,31362	191,448603	231,428271	276,133803	351,018261	377,127863
2094	119,623491	137,411809	191,569772	231,565594	276,290758	351,207452	377,328825
2095	119,711016	137,510021	191,690966	231,702944	276,447742	351,396678	377,529822
2096	119,798562	137,608257	191,812185	231,840321	276,604756	351,585937	377,730854
2097	119,88613	137,706517	191,93343	231,977725	276,761799	351,77523	377,931923
2098	119,973719	137,8048	192,0547	232,115156	276,918873	351,964558	378,133027
2099	120,061329	137,903106	192,175996	232,252615	277,075976	352,153919	378,334167
2100	120,148961	138,001435	192,297318	232,3901	277,233108	352,343314	378,535342
2101	120,236614	138,099788	192,418665	232,527613	277,390271	352,532744	378,736553
2102	120,324288	138,198164	192,540038	232,665153	277,547463	352,722207	378,9378
2103	120,411984	138,296564	192,661436	232,80272	277,704685	352,911704	379,139082
2104	120,499701	138,394987	192,782859	232,940314	277,861936	353,101235	379,3404
2105	120,587439	138,493433	192,904308	233,077935	278,019217	353,290799	379,541754
2106	120,675198	138,591903	193,025783	233,215583	278,176528	353,480398	379,743143
2107	120,762979	138,690396	193,147283	233,353259	278,333868	353,670031	379,944568
2108	120,850781	138,788912	193,268809	233,490961	278,491238	353,859698	380,146028
2109	120,938604	138,887451	193,39036	233,628691	278,648638	354,049398	380,347524
2110	121,026449	138,986014	193,511936	233,766447	278,806068	354,239132	380,549055
2111	121,114315	139,0846	193,633538	233,904231	278,963527	354,428901	380,750623

2112	121,202202	139,18321	193,755165	234,042042	279,121015	354,618703	380,952225
2113	121,29011	139,281843	193,876818	234,179879	279,278534	354,808539	381,153864
2114	121,378039	139,380499	193,998497	234,317744	279,436082	354,998409	381,355537
2115	121,46599	139,479178	194,1202	234,455636	279,593659	355,188312	381,557247
2116	121,553962	139,577881	194,24193	234,593555	279,751266	355,37825	381,758992
2117	121,641955	139,676606	194,363684	234,731501	279,908903	355,568221	381,960772
2118	121,72997	139,775356	194,485464	234,869474	280,066569	355,758227	382,162588
2119	121,818005	139,874128	194,60727	235,007474	280,224265	355,948266	382,36444
2120	121,906062	139,972924	194,729101	235,145501	280,381991	356,138339	382,566327
2121	121,99414	140,071743	194,850957	235,283555	280,539746	356,328445	382,76825
2122	122,08224	140,170585	194,972839	235,421636	280,69753	356,518586	382,970208
2123	122,17036	140,26945	195,094746	235,559744	280,855345	356,70876	383,172201
2124	122,258502	140,368339	195,216679	235,697879	281,013189	356,898968	383,37423
2125	122,346665	140,46725	195,338636	235,836041	281,171062	357,08921	383,576295
2126	122,434849	140,566186	195,46062	235,97423	281,328965	357,279486	383,778395
2127	122,523054	140,665144	195,582629	236,112446	281,486897	357,469796	383,980531
2128	122,61128	140,764125	195,704663	236,250688	281,644859	357,660139	384,182702
2129	122,699528	140,86313	195,826722	236,388958	281,802851	357,850516	384,384908
2130	122,787797	140,962158	195,948807	236,527255	281,960872	358,040927	384,58715
2131	122,876086	141,061209	196,070917	236,665579	282,118923	358,231371	384,789428
2132	122,964397	141,160283	196,193053	236,80393	282,277003	358,42185	384,991741
2133	123,05273	141,259381	196,315213	236,942308	282,435112	358,612362	385,194089
2134	123,141083	141,358501	196,4374	237,080712	282,593251	358,802908	385,396473
2135	123,229457	141,457645	196,559611	237,219144	282,75142	358,993487	385,598892
2136	123,317853	141,556812	196,681848	237,357602	282,909618	359,184101	385,801347
2137	123,40627	141,656002	196,80411	237,496088	283,067846	359,374748	386,003837
2138	123,494707	141,755216	196,926398	237,6346	283,226103	359,565428	386,206362
2139	123,583166	141,854452	197,048711	237,77314	283,38439	359,756143	386,408923
2140	123,671646	141,953712	197,171049	237,911706	283,542706	359,946891	386,61152
2141	123,760148	142,052995	197,293412	238,050299	283,701051	360,137673	386,814151
2142	123,84867	142,1523	197,415801	238,188919	283,859426	360,328488	387,016818
2143	123,937213	142,251629	197,538215	238,327566	284,017831	360,519338	387,219521
2144	124,025778	142,350982	197,660655	238,46624	284,176265	360,710221	387,422259
2145	124,114363	142,450357	197,783119	238,60494	284,334728	360,901137	387,625032
2146	124,20297	142,549755	197,905609	238,743668	284,493221	361,092088	387,82784
2147	124,291597	142,649177	198,028124	238,882422	284,651743	361,283071	388,030684
2148	124,380246	142,748621	198,150665	239,021204	284,810295	361,474089	388,233564
2149	124,468916	142,848089	198,273231	239,160012	284,968876	361,66514	388,436478
2150	124,557607	142,94758	198,395822	239,298847	285,127487	361,856225	388,639428
2151	124,646319	143,047094	198,518438	239,437709	285,286126	362,047344	388,842414
2152	124,735052	143,14663	198,641079	239,576598	285,444796	362,238496	389,045434
2153	124,823806	143,246191	198,763746	239,715513	285,603495	362,429682	389,24849
2154	124,912581	143,345774	198,886438	239,854456	285,762223	362,620901	389,451581
2155	125,001377	143,44538	199,009155	239,993425	285,92098	362,812154	389,654708
2156	125,090194	143,545009	199,131898	240,132421	286,079767	363,003441	389,85787
2157	125,179032	143,644661	199,254666	240,271444	286,238584	363,194761	390,061067

2158	125,267892	143,744337	199,377459	240,410494	286,397429	363,386115	390,264299
2159	125,356772	143,844035	199,500277	240,54957	286,556304	363,577503	390,467567
2160	125,445673	143,943756	199,62312	240,688674	286,715209	363,768924	390,67087
2161	125,534595	144,043501	199,745989	240,827804	286,874143	363,960378	390,874209
2162	125,623538	144,143268	199,868882	240,966961	287,033106	364,151867	391,077582
2163	125,712503	144,243059	199,991801	241,106144	287,192098	364,343388	391,280991
2164	125,801488	144,342872	200,114745	241,245355	287,35112	364,534944	391,484435
2165	125,890494	144,442709	200,237715	241,384592	287,510172	364,726533	391,687914
2166	125,979521	144,542568	200,360709	241,523856	287,669252	364,918155	391,891429
2167	126,068569	144,642451	200,483729	241,663147	287,828362	365,109811	392,094979
2168	126,157638	144,742356	200,606774	241,802465	287,987501	365,301501	392,298564
2169	126,246729	144,842285	200,729844	241,941809	288,14667	365,493224	392,502184
2170	126,33584	144,942236	200,852939	242,08118	288,305868	365,68498	392,705839
2171	126,424972	145,042211	200,976059	242,220578	288,465095	365,87677	392,90953
2172	126,514125	145,142208	201,099204	242,360003	288,624351	366,068594	393,113256
2173	126,603298	145,242229	201,222375	242,499454	288,783637	366,260451	393,317017
2174	126,692493	145,342272	201,345571	242,638933	288,942952	366,452342	393,520813
2175	126,781709	145,442338	201,468792	242,778437	289,102296	366,644266	393,724645
2176	126,870946	145,542428	201,592037	242,917969	289,26167	366,836224	393,928512
2177	126,960203	145,64254	201,715309	243,057527	289,421073	367,028215	394,132413
2178	127,049482	145,742675	201,838605	243,197112	289,580505	367,22024	394,33635
2179	127,138782	145,842833	201,961926	243,336724	289,739966	367,412298	394,540322
2180	127,228102	145,943014	202,085273	243,476363	289,899457	367,604389	394,74433
2181	127,317443	146,043218	202,208644	243,616028	290,058977	367,796514	394,948372
2182	127,406805	146,143445	202,332041	243,75572	290,218526	367,988673	395,15245
2183	127,496189	146,243695	202,455462	243,895438	290,378104	368,180865	395,356563
2184	127,585593	146,343968	202,578909	244,035183	290,537712	368,37309	395,56071
2185	127,675017	146,444264	202,702381	244,174955	290,697349	368,565349	395,764893
2186	127,764463	146,544582	202,825878	244,314754	290,857015	368,757641	395,969112
2187	127,85393	146,644924	202,9494	244,454579	291,01671	368,949967	396,173365
2188	127,943417	146,745288	203,072947	244,594431	291,176435	369,142326	396,377653
2189	128,032926	146,845675	203,196519	244,734309	291,336189	369,334719	396,581977
2190	128,122455	146,946085	203,320116	244,874215	291,495972	369,527145	396,786335
2191	128,212005	147,046518	203,443739	245,014147	291,655784	369,719604	396,990729
2192	128,301576	147,146974	203,567386	245,154105	291,815625	369,912097	397,195158
2193	128,391168	147,247453	203,691058	245,29409	291,975496	370,104623	397,399621
2194	128,48078	147,347954	203,814756	245,434102	292,135395	370,297183	397,60412
2195	128,570414	147,448479	203,938478	245,57414	292,295324	370,489776	397,808654
2196	128,660068	147,549026	204,062226	245,714205	292,455282	370,682402	398,013223
2197	128,749743	147,649596	204,185998	245,854297	292,61527	370,875062	398,217827
2198	128,839439	147,750189	204,309795	245,994415	292,775286	371,067755	398,422466
2199	128,929156	147,850805	204,433618	246,13456	292,935332	371,260481	398,62714
2200	129,018894	147,951444	204,557465	246,274732	293,095406	371,453241	398,83185
2201	129,108652	148,052105	204,681338	246,41493	293,25551	371,646034	399,036594
2202	129,198431	148,152789	204,805235	246,555155	293,415643	371,838861	399,241373
2203	129,288232	148,253497	204,929158	246,695406	293,575805	372,03172	399,446187

2204	129,378052	148,354226	205,053105	246,835684	293,735997	372,224613	399,651036
2205	129,467894	148,454979	205,177078	246,975988	293,896217	372,41754	399,855921
2206	129,557756	148,555755	205,301075	247,116319	294,056467	372,6105	400,06084
2207	129,64764	148,656553	205,425097	247,256677	294,216745	372,803493	400,265794
2208	129,737543	148,757374	205,549145	247,397061	294,377053	372,996519	400,470783
2209	129,827468	148,858218	205,673217	247,537471	294,53739	373,189579	400,675808
2210	129,917414	148,959084	205,797314	247,677909	294,697756	373,382672	400,880867
2211	130,00738	149,059974	205,921436	247,818372	294,858151	373,575798	401,085961
2212	130,097367	149,160886	206,045584	247,958863	295,018575	373,768958	401,29109
2213	130,187375	149,261821	206,169756	248,09938	295,179028	373,962151	401,496254
2214	130,277403	149,362779	206,293953	248,239923	295,339511	374,155377	401,701453
2215	130,367453	149,463759	206,418175	248,380493	295,500022	374,348636	401,906687
2216	130,457523	149,564762	206,542421	248,521089	295,660562	374,541929	402,111956
2217	130,547613	149,665788	206,666693	248,661712	295,821132	374,735255	402,31726
2218	130,637725	149,766837	206,79099	248,802362	295,981731	374,928614	402,522599
2219	130,727857	149,867908	206,915311	248,943038	296,142358	375,122007	402,727973
2220	130,81801	149,969003	207,039658	249,08374	296,303015	375,315432	402,933381
2221	130,908183	150,070119	207,164029	249,224469	296,463701	375,508891	403,138825
2222	130,998378	150,171259	207,288426	249,365225	296,624415	375,702383	403,344303
2223	131,088593	150,272421	207,412847	249,506007	296,785159	375,895909	403,549817
2224	131,178829	150,373606	207,537293	249,646815	296,945932	376,089467	403,755365
2225	131,269085	150,474814	207,661764	249,78765	297,106734	376,283059	403,960948
2226	131,359362	150,576044	207,78626	249,928512	297,267564	376,476684	404,166566
2227	131,44966	150,677297	207,91078	250,0694	297,428424	376,670342	404,372219
2228	131,539978	150,778573	208,035326	250,210314	297,589313	376,864033	404,577907
2229	131,630318	150,879872	208,159896	250,351255	297,750231	377,057758	404,783629
2230	131,720677	150,981193	208,284492	250,492222	297,911178	377,251516	404,989387
2231	131,811058	151,082536	208,409112	250,633216	298,072154	377,445307	405,195179
2232	131,901459	151,183903	208,533757	250,774236	298,233159	377,639131	405,401006
2233	131,991881	151,285292	208,658426	250,915282	298,394192	377,832988	405,606868
2234	132,082323	151,386704	208,783121	251,056356	298,555255	378,026879	405,812765
2235	132,172786	151,488138	208,90784	251,197455	298,716347	378,220802	406,018697
2236	132,26327	151,589595	209,032585	251,338581	298,877468	378,414759	406,224663
2237	132,353775	151,691075	209,157354	251,479733	299,038617	378,608749	406,430664
2238	132,4443	151,792577	209,282148	251,620912	299,199796	378,802772	406,636701
2239	132,534845	151,894102	209,406967	251,762117	299,361003	378,996828	406,842771
2240	132,625412	151,99565	209,53181	251,903349	299,52224	379,190917	407,048877
2241	132,715999	152,09722	209,656678	252,044606	299,683505	379,38504	407,255018
2242	132,806606	152,198813	209,781572	252,185891	299,8448	379,579195	407,461193
2243	132,897234	152,300428	209,906489	252,327201	300,006123	379,773384	407,667403
2244	132,987883	152,402066	210,031432	252,468539	300,167475	379,967605	407,873648
2245	133,078552	152,503727	210,1564	252,609902	300,328856	380,16186	408,079928
2246	133,169242	152,60541	210,281392	252,751292	300,490266	380,356148	408,286242
2247	133,259953	152,707116	210,406409	252,892708	300,651705	380,550469	408,492591
2248	133,350684	152,808844	210,531451	253,034151	300,813173	380,744823	408,698975
2249	133,441436	152,910595	210,656517	253,17562	300,97467	380,93921	408,905394

2250	133,532208	153,012369	210,781609	253,317115	301,136195	381,133631	409,111847
2251	133,623001	153,114165	210,906725	253,458637	301,29775	381,328084	409,318335
2252	133,713814	153,215984	211,031865	253,600185	301,459333	381,52257	409,524858
2253	133,804648	153,317825	211,157031	253,741759	301,620946	381,71709	409,731415
2254	133,895503	153,419689	211,282221	253,88336	301,782587	381,911642	409,938008
2255	133,986378	153,521575	211,407436	254,024986	301,944257	382,106228	410,144635
2256	134,077273	153,623484	211,532676	254,16664	302,105956	382,300846	410,351296
2257	134,16819	153,725415	211,65794	254,308319	302,267683	382,495498	410,557993
2258	134,259126	153,827369	211,78323	254,450025	302,42944	382,690182	410,764724
2259	134,350084	153,929346	211,908544	254,591758	302,591225	382,8849	410,97149
2260	134,441061	154,031345	212,033882	254,733516	302,75304	383,07965	411,17829
2261	134,53206	154,133367	212,159245	254,875301	302,914883	383,274434	411,385125
2262	134,623079	154,235411	212,284633	255,017112	303,076755	383,469251	411,591995
2263	134,714118	154,337477	212,410046	255,15895	303,238655	383,6641	411,7989
2264	134,805178	154,439566	212,535483	255,300813	303,400585	383,858983	412,005839
2265	134,896258	154,541678	212,660946	255,442704	303,562543	384,053898	412,212812
2266	134,987359	154,643812	212,786432	255,58462	303,724531	384,248847	412,419821
2267	135,07848	154,745968	212,911944	255,726562	303,886547	384,443829	412,626864
2268	135,169622	154,848147	213,03748	255,868531	304,048591	384,638843	412,833942
2269	135,260785	154,950349	213,16304	256,010526	304,210665	384,833891	413,041054
2270	135,351968	155,052573	213,288626	256,152548	304,372767	385,028971	413,248201
2271	135,443171	155,154819	213,414236	256,294595	304,534898	385,224084	413,455382
2272	135,534395	155,257088	213,539871	256,436669	304,697058	385,419231	413,662599
2273	135,625639	155,35938	213,66553	256,578769	304,859247	385,61441	413,869849
2274	135,716904	155,461694	213,791214	256,720896	305,021464	385,809622	414,077135
2275	135,808189	155,56403	213,916923	256,863048	305,183711	386,004867	414,284455
2276	135,899495	155,666389	214,042656	257,005227	305,345986	386,200146	414,491809
2277	135,990821	155,76877	214,168414	257,147432	305,508289	386,395457	414,699199
2278	136,082167	155,871173	214,294196	257,289663	305,670622	386,5908	414,906622
2279	136,173534	155,973599	214,420003	257,431921	305,832983	386,786177	415,114081
2280	136,264922	156,076048	214,545835	257,574204	305,995373	386,981587	415,321573
2281	136,35633	156,178519	214,671691	257,716514	306,157792	387,17703	415,529101
2282	136,447758	156,281012	214,797572	257,85885	306,320239	387,372505	415,736663
2283	136,539207	156,383528	214,923478	258,001213	306,482715	387,568013	415,944259
2284	136,630676	156,486066	215,049408	258,143601	306,64522	387,763555	416,15189
2285	136,722165	156,588627	215,175362	258,286016	306,807754	387,959129	416,359556
2286	136,813675	156,691209	215,301342	258,428457	306,970316	388,154736	416,567256
2287	136,905206	156,793815	215,427346	258,570924	307,132907	388,350376	416,774991
2288	136,996757	156,896442	215,553374	258,713417	307,295527	388,546049	416,98276
2289	137,088328	156,999093	215,679427	258,855936	307,458175	388,741754	417,190564
2290	137,179919	157,101765	215,805505	258,998482	307,620852	388,937493	417,398402
2291	137,271531	157,20446	215,931607	259,141053	307,783558	389,133264	417,606275
2292	137,363164	157,307177	216,057733	259,283651	307,946292	389,329068	417,814182
2293	137,454817	157,409917	216,183885	259,426275	308,109055	389,524905	418,022124
2294	137,54649	157,512678	216,31006	259,568925	308,271847	389,720775	418,2301
2295	137,638183	157,615463	216,436261	259,711601	308,434667	389,916677	418,43811

2296	137,729897	157,718269	216,562485	259,854304	308,597516	390,112613	418,646156
2297	137,821631	157,821098	216,688735	259,997032	308,760394	390,308581	418,854235
2298	137,913386	157,92395	216,815009	260,139787	308,923301	390,504582	419,062349
2299	138,005161	158,026823	216,941307	260,282567	309,086236	390,700616	419,270498
2300	138,096956	158,129719	217,06763	260,425374	309,249199	390,896682	419,478681
2301	138,188772	158,232637	217,193977	260,568207	309,412191	391,092782	419,686898
2302	138,280608	158,335578	217,320349	260,711066	309,575212	391,288914	419,89515
2303	138,372464	158,438541	217,446746	260,853951	309,738262	391,485079	420,103436
2304	138,464341	158,541526	217,573166	260,996863	309,90134	391,681277	420,311757
2305	138,556237	158,644534	217,699612	261,1398	310,064447	391,877507	420,520112
2306	138,648155	158,747564	217,826082	261,282763	310,227582	392,07377	420,728502
2307	138,740092	158,850616	217,952576	261,425753	310,390746	392,270066	420,936926
2308	138,83205	158,95369	218,079095	261,568768	310,553938	392,466395	421,145384
2309	138,924028	159,056787	218,205638	261,71181	310,71716	392,662756	421,353877
2310	139,016027	159,159906	218,332206	261,854878	310,880409	392,859151	421,562404
2311	139,108046	159,263047	218,458798	261,997971	311,043688	393,055578	421,770966
2312	139,200085	159,366211	218,585415	262,141091	311,206994	393,252037	421,979562
2313	139,292144	159,469396	218,712056	262,284237	311,37033	393,44853	422,188192
2314	139,384224	159,572604	218,838722	262,427409	311,533694	393,645055	422,396857
2315	139,476324	159,675835	218,965412	262,570607	311,697086	393,841613	422,605556
2316	139,568444	159,779087	219,092126	262,713831	311,860508	394,038203	422,814289
2317	139,660585	159,882362	219,218865	262,857081	312,023957	394,234826	423,023057
2318	139,752745	159,985659	219,345629	263,000357	312,187435	394,431482	423,231859
2319	139,844927	160,088978	219,472416	263,143659	312,350942	394,628171	423,440695
2320	139,937128	160,19232	219,599229	263,286987	312,514477	394,824892	423,649566
2321	140,029349	160,295684	219,726065	263,430341	312,678041	395,021646	423,858471
2322	140,121591	160,399069	219,852926	263,573721	312,841634	395,218433	424,067411
2323	140,213853	160,502478	219,979812	263,717128	313,005254	395,415252	424,276385
2324	140,306136	160,605908	220,106721	263,86056	313,168904	395,612104	424,485393
2325	140,398438	160,709361	220,233656	264,004018	313,332582	395,808989	424,694435
2326	140,490761	160,812835	220,360614	264,147502	313,496288	396,005906	424,903512
2327	140,583104	160,916332	220,487597	264,291012	313,660023	396,202856	425,112623
2328	140,675467	161,019852	220,614605	264,434548	313,823786	396,399839	425,321768
2329	140,76785	161,123393	220,741636	264,57811	313,987578	396,596854	425,530948
2330	140,860254	161,226957	220,868692	264,721698	314,151399	396,793902	425,740162
2331	140,952678	161,330542	220,995773	264,865312	314,315247	396,990982	425,94941
2332	141,045122	161,43415	221,122878	265,008952	314,479125	397,188095	426,158692
2333	141,137586	161,53778	221,250007	265,152618	314,643031	397,385241	426,368009
2334	141,230071	161,641433	221,377161	265,29631	314,806965	397,582419	426,57736
2335	141,322575	161,745107	221,504338	265,440027	314,970928	397,77963	426,786745
2336	141,4151	161,848804	221,631541	265,583771	315,134919	397,976873	426,996164
2337	141,507645	161,952522	221,758767	265,727541	315,298938	398,17415	427,205618
2338	141,60021	162,056263	221,886018	265,871336	315,462986	398,371458	427,415106
2339	141,692796	162,160026	222,013294	266,015158	315,627063	398,568799	427,624628
2340	141,785401	162,263811	222,140593	266,159005	315,791168	398,766173	427,834185
2341	141,878027	162,367618	222,267917	266,302879	315,955301	398,96358	428,043775

2342	141,970673	162,471448	222,395265	266,446778	316,119463	399,161019	428,2534
2343	142,063339	162,575299	222,522638	266,590703	316,283653	399,35849	428,463059
2344	142,156025	162,679173	222,650035	266,734654	316,447872	399,555994	428,672752
2345	142,248731	162,783069	222,777456	266,878631	316,612119	399,753531	428,88248
2346	142,341458	162,886987	222,904901	267,022634	316,776394	399,9511	429,092241
2347	142,434205	162,990927	223,032371	267,166663	316,940698	400,148702	429,302037
2348	142,526971	163,094889	223,159865	267,310718	317,105031	400,346336	429,511867
2349	142,619758	163,198873	223,287383	267,454798	317,269391	400,544003	429,721731
2350	142,712565	163,302879	223,414926	267,598905	317,43378	400,741702	429,931629
2351	142,805392	163,406907	223,542493	267,743037	317,598198	400,939434	430,141562
2352	142,89824	163,510958	223,670084	267,887195	317,762643	401,137198	430,351529
2353	142,991107	163,61503	223,797699	268,031379	317,927118	401,334995	430,561529
2354	143,083994	163,719125	223,925339	268,175589	318,09162	401,532824	430,771564
2355	143,176902	163,823242	224,053003	268,319825	318,256151	401,730686	430,981633
2356	143,26983	163,92738	224,180691	268,464087	318,42071	401,92858	431,191737
2357	143,362777	164,031541	224,308404	268,608374	318,585298	402,126507	431,401874
2358	143,455745	164,135724	224,43614	268,752687	318,749914	402,324466	431,612045
2359	143,548733	164,239929	224,563901	268,897026	318,914558	402,522458	431,822251
2360	143,641741	164,344155	224,691686	269,041391	319,079231	402,720482	432,032491
2361	143,734769	164,448404	224,819496	269,185782	319,243932	402,918539	432,242765
2362	143,827818	164,552675	224,947329	269,330199	319,408661	403,116628	432,453072
2363	143,920886	164,656968	225,075187	269,474641	319,573419	403,31475	432,663415
2364	144,013974	164,761283	225,203069	269,619109	319,738205	403,512904	432,873791
2365	144,107082	164,86562	225,330975	269,763603	319,903019	403,71109	433,084201
2366	144,200211	164,969979	225,458906	269,908123	320,067862	403,909309	433,294645
2367	144,293359	165,07436	225,58686	270,052669	320,232732	404,10756	433,505123
2368	144,386528	165,178764	225,714839	270,19724	320,397632	404,305844	433,715636
2369	144,479717	165,283189	225,842842	270,341838	320,562559	404,50416	433,926182
2370	144,572925	165,387636	225,97087	270,486461	320,727515	404,702509	434,136763
2371	144,666154	165,492105	226,098921	270,631109	320,892499	404,90089	434,347378
2372	144,759403	165,596596	226,226997	270,775784	321,057511	405,099303	434,558026
2373	144,852671	165,701109	226,355096	270,920484	321,222552	405,297749	434,768709
2374	144,94596	165,805644	226,48322	271,06521	321,387621	405,496227	434,979426
2375	145,039269	165,910201	226,611368	271,209962	321,552718	405,694738	435,190176
2376	145,132597	166,01478	226,739541	271,35474	321,717843	405,893281	435,400961
2377	145,225946	166,119381	226,867737	271,499543	321,882997	406,091856	435,611178
2378	145,319315	166,224003	226,995958	271,644372	322,048179	406,290464	435,822633
2379	145,412704	166,328648	227,124202	271,789227	322,213389	406,489104	436,03352
2380	145,506113	166,433315	227,252471	271,934108	322,378627	406,687776	436,24444
2381	145,599541	166,538004	227,380764	272,079014	322,543894	406,886481	436,455395
2382	145,69299	166,642714	227,509081	272,223946	322,709189	407,085218	436,666384
2383	145,786459	166,747447	227,637423	272,368904	322,874512	407,283988	436,877407
2384	145,879948	166,852202	227,765788	272,513888	323,039863	407,482789	437,088464
2385	145,973456	166,956978	227,894177	272,658897	323,205243	407,681624	437,299554
2386	146,066985	167,061776	228,022591	272,803932	323,37065	407,88049	437,510679
2387	146,160534	167,166597	228,151029	272,948992	323,536086	408,079389	437,721838

2388	146,254102	167,271439	228,279491	273,094079	323,70155	408,27832	437,933031
2389	146,347691	167,376303	228,407976	273,239191	323,867043	408,477283	438,144257
2390	146,441299	167,481189	228,536487	273,384328	324,032563	408,676279	438,355518
2391	146,534928	167,586097	228,665021	273,529492	324,198112	408,875307	438,566812
2392	146,628576	167,691027	228,793579	273,674681	324,363689	409,074368	438,778141
2393	146,722245	167,795978	228,922161	273,819896	324,529294	409,27346	438,989503
2394	146,815933	167,900952	229,050767	273,965136	324,694927	409,472585	439,200899
2395	146,909641	168,005947	229,179398	274,110402	324,860589	409,671743	439,41233
2396	147,003369	168,110965	229,308052	274,255694	325,026278	409,870932	439,623794
2397	147,097117	168,216004	229,436731	274,401012	325,191996	410,070154	439,835292
2398	147,190885	168,321065	229,565434	274,546355	325,357742	410,269408	440,046824
2399	147,284673	168,426148	229,69416	274,691724	325,523516	410,468694	440,25839
2400	147,378481	168,531253	229,822911	274,837118	325,689318	410,668013	440,469989
2401	147,472309	168,63638	229,951686	274,982538	325,855149	410,867364	440,681623
2402	147,566156	168,741528	230,080485	275,127984	326,021007	411,066747	440,893291
2403	147,660024	168,846698	230,209308	275,273455	326,186894	411,266162	441,104992
2404	147,753911	168,951891	230,338154	275,418952	326,352808	411,46561	441,316727
2405	147,847819	169,057105	230,467025	275,564475	326,518751	411,665089	441,528496
2406	147,941746	169,16234	230,59592	275,710023	326,684722	411,864601	441,740299
2407	148,035693	169,267598	230,724839	275,855597	326,850721	412,064146	441,952136
2408	148,12966	169,372878	230,853782	276,001196	327,016748	412,263722	442,164007
2409	148,223647	169,478179	230,982749	276,146821	327,182804	412,463331	442,375912
2410	148,317653	169,583502	231,11174	276,292472	327,348887	412,662971	442,58785
2411	148,41168	169,688847	231,240755	276,438148	327,514999	412,862645	442,799822
2412	148,505726	169,794214	231,369794	276,58385	327,681138	413,06235	443,011828
2413	148,599793	169,899602	231,498857	276,729577	327,847306	413,262087	443,223868
2414	148,693879	170,005013	231,627944	276,87533	328,013502	413,461857	443,435942
2415	148,787985	170,110445	231,757055	277,021109	328,179725	413,661659	443,64805
2416	148,882111	170,215899	231,88619	277,166913	328,345977	413,861493	443,860191
2417	148,976256	170,321375	232,015349	277,312743	328,512257	414,061359	444,072366
2418	149,070422	170,426872	232,144532	277,458598	328,678565	414,261257	444,284575
2419	149,164607	170,532391	232,273739	277,604479	328,844901	414,461188	444,496818
2420	149,258812	170,637932	232,40297	277,750386	329,011265	414,66115	444,709094
2421	149,353037	170,743495	232,532225	277,896318	329,177657	414,861145	444,921404
2422	149,447282	170,84908	232,661503	278,042275	329,344078	415,061172	445,133749
2423	149,541547	170,954686	232,790806	278,188258	329,510526	415,261231	445,346126
2424	149,635831	171,060314	232,920133	278,334267	329,677002	415,461322	445,558538
2425	149,730135	171,165964	233,049483	278,480301	329,843506	415,661445	445,770983
2426	149,82446	171,271635	233,178858	278,626361	330,010039	415,861601	445,983463
2427	149,918803	171,377329	233,308256	278,772446	330,176599	416,061788	446,195975
2428	150,013167	171,483044	233,437679	278,918557	330,343187	416,262008	446,408522
2429	150,10755	171,58878	233,567125	279,064693	330,509804	416,46226	446,621102
2430	150,201954	171,694539	233,696595	279,210855	330,676448	416,662544	446,833716
2431	150,296377	171,800319	233,826089	279,357042	330,84312	416,86286	447,046364
2432	150,390819	171,906121	233,955607	279,503255	331,009821	417,063208	447,259046
2433	150,485282	172,011945	234,085149	279,649493	331,176549	417,263588	447,471761

2434	150,579764	172,11779	234,214715	279,795757	331,343305	417,464	447,68451
2435	150,674266	172,223657	234,344305	279,942046	331,51009	417,664444	447,897293
2436	150,768788	172,329546	234,473919	280,088361	331,676902	417,864921	448,110109
2437	150,86333	172,435456	234,603556	280,234701	331,843742	418,065429	448,322959
2438	150,957891	172,541388	234,733218	280,381067	332,01061	418,26597	448,535843
2439	151,052472	172,647342	234,862903	280,527458	332,177507	418,466542	448,74876
2440	151,147073	172,753317	234,992612	280,673875	332,344431	418,667147	448,961711
2441	151,241694	172,859315	235,122345	280,820317	332,511383	418,867783	449,174696
2442	151,336334	172,965333	235,252102	280,966784	332,678363	419,068452	449,387715
2443	151,430994	173,071374	235,381883	281,113277	332,845371	419,269153	449,600767
2444	151,525674	173,177436	235,511687	281,259796	333,012407	419,469886	449,813853
2445	151,620373	173,28352	235,641516	281,40634	333,17947	419,67065	450,026972
2446	151,715093	173,389625	235,771368	281,552909	333,346562	419,871447	450,240125
2447	151,809832	173,495752	235,901244	281,699504	333,513682	420,072276	450,453312
2448	151,90459	173,601901	236,031144	281,846124	333,680829	420,273137	450,666532
2449	151,999369	173,708071	236,161068	281,99277	333,848005	420,47403	450,879786
2450	152,094167	173,814263	236,291016	282,139441	334,015208	420,674954	451,093074
2451	152,188984	173,920477	236,420987	282,286137	334,18244	420,875911	451,306395
2452	152,283822	174,026712	236,550982	282,432859	334,349699	421,0769	451,51975
2453	152,378679	174,132969	236,681002	282,579607	334,516986	421,277921	451,733139
2454	152,473556	174,239248	236,811045	282,72638	334,684301	421,478973	451,946561
2455	152,568452	174,345548	236,941111	282,873178	334,851644	421,680058	452,160016
2456	152,663369	174,45187	237,071202	283,020001	335,019015	421,881175	452,373506
2457	152,758305	174,558213	237,201316	283,16685	335,186413	422,082324	452,587028
2458	152,85326	174,664578	237,331454	283,313725	335,35384	422,283504	452,800585
2459	152,948235	174,770964	237,461616	283,460624	335,521294	422,484717	453,014175
2460	153,04323	174,877372	237,591802	283,607549	335,688776	422,685961	453,227799
2461	153,138245	174,983802	237,722011	283,7545	335,856287	422,887238	453,441456
2462	153,233279	175,090253	237,852245	283,901476	336,023825	423,088546	453,655146
2463	153,328333	175,196726	237,982502	284,048477	336,19139	423,289887	453,868871
2464	153,423406	175,303221	238,112783	284,195504	336,358984	423,491259	454,082629
2465	153,518499	175,409737	238,243087	284,342555	336,526606	423,692663	454,29642
2466	153,613612	175,516274	238,373416	284,489633	336,694255	423,894099	454,510245
2467	153,708745	175,622833	238,503768	284,636735	336,861932	424,095567	454,724103
2468	153,803897	175,729414	238,634144	284,783863	337,029637	424,297067	454,937995
2469	153,899068	175,836016	238,764543	284,931017	337,19737	424,498599	455,151921
2470	153,99426	175,94264	238,894966	285,078195	337,36513	424,700163	455,36588
2471	154,089471	176,049285	239,025414	285,225399	337,532919	424,901758	455,579872
2472	154,184701	176,155952	239,155884	285,372629	337,700735	425,103386	455,793899
2473	154,279951	176,262641	239,286379	285,519883	337,868579	425,305045	456,007958
2474	154,375221	176,369351	239,416897	285,667163	338,036451	425,506736	456,222051
2475	154,47051	176,476082	239,547439	285,814469	338,204351	425,70846	456,436178
2476	154,565819	176,582835	239,678005	285,961799	338,372278	425,910215	456,650338
2477	154,661148	176,68961	239,808594	286,109155	338,540233	426,112002	456,864531
2478	154,756496	176,796406	239,939207	286,256536	338,708216	426,31382	457,078758
2479	154,851864	176,903223	240,069844	286,403943	338,876227	426,515671	457,293019

2480	154,947251	177,010062	240,200505	286,551375	339,044266	426,717553	457,507313
2481	155,042658	177,116923	240,331189	286,698832	339,212332	426,919468	457,72164
2482	155,138084	177,223805	240,461897	286,846314	339,380426	427,121414	457,936001
2483	155,23353	177,330708	240,592629	286,993822	339,548548	427,323392	458,150396
2484	155,328996	177,437633	240,723384	287,141355	339,716697	427,525401	458,364823
2485	155,424481	177,54458	240,854163	287,288913	339,884875	427,727443	458,579285
2486	155,519986	177,651548	240,984966	287,436496	340,05308	427,929516	458,793779
2487	155,61551	177,758537	241,115792	287,584105	340,221313	428,131622	459,008307
2488	155,711054	177,865548	241,246642	287,731739	340,389573	428,333759	459,222869
2489	155,806617	177,97258	241,377516	287,879398	340,557861	428,535927	459,437464
2490	155,9022	178,079634	241,508413	288,027083	340,726177	428,738128	459,652092
2491	155,997802	178,186709	241,639334	288,174793	340,894521	428,940361	459,866754
2492	156,093424	178,293806	241,770278	288,322528	341,062892	429,142625	460,081449
2493	156,189066	178,400924	241,901247	288,470288	341,231292	429,344921	460,296178
2494	156,284727	178,508064	242,032239	288,618073	341,399718	429,547248	460,51094
2495	156,380407	178,615225	242,163254	288,765884	341,568173	429,749608	460,725735
2496	156,476107	178,722407	242,294293	288,91372	341,736655	429,951999	460,940564
2497	156,571827	178,829611	242,425356	289,061581	341,905165	430,154422	461,155426
2498	156,667566	178,936837	242,556442	289,209467	342,073703	430,356877	461,370322
2499	156,763324	179,044083	242,687552	289,357379	342,242268	430,559364	461,58525
2500	156,859103	179,151352	242,818686	289,505316	342,410861	430,761882	461,800213
2501	156,9549	179,258641	242,949843	289,653278	342,579482	430,964432	462,015208
2502	157,050717	179,365952	243,081024	289,801265	342,74813	431,167014	462,230237
2503	157,146554	179,473285	243,212229	289,949277	342,916806	431,369628	462,445299
2504	157,24241	179,580638	243,343457	290,097315	343,08551	431,572273	462,660395
2505	157,338285	179,688014	243,474708	290,245377	343,254241	431,77495	462,875524
2506	157,43418	179,79541	243,605984	290,393465	343,423	431,977659	463,090686
2507	157,530095	179,902828	243,737283	290,541578	343,591787	432,180399	463,305882
2508	157,626029	180,010268	243,868605	290,689717	343,760601	432,383171	463,521111
2509	157,721982	180,117728	243,999951	290,83788	343,929443	432,585975	463,736373
2510	157,817955	180,22521	244,13132	290,986069	344,098312	432,78881	463,951669
2511	157,913947	180,332714	244,262714	291,134282	344,267209	432,991678	464,166998
2512	158,009959	180,440239	244,39413	291,282521	344,436134	433,194577	464,38236
2513	158,105991	180,547785	244,525571	291,430785	344,605087	433,397507	464,597756
2514	158,202041	180,655353	244,657034	291,579075	344,774067	433,600469	464,813184
2515	158,298111	180,762942	244,788522	291,727389	344,943074	433,803463	465,028647
2516	158,394201	180,870552	244,920033	291,875729	345,11211	434,006489	465,244142
2517	158,49031	180,978183	245,051567	292,024093	345,281172	434,209546	465,459671
2518	158,586438	181,085836	245,183125	292,172483	345,450263	434,412635	465,675232
2519	158,682586	181,193511	245,314707	292,320898	345,619381	434,615756	465,890828
2520	158,778754	181,301206	245,446312	292,469338	345,788526	434,818908	466,106456
2521	158,87494	181,408923	245,57794	292,617803	345,9577	435,022092	466,322118
2522	158,971146	181,516662	245,709592	292,766293	346,1269	435,225307	466,537813
2523	159,067372	181,624421	245,841268	292,914808	346,296129	435,428554	466,753541
2524	159,163617	181,732202	245,972967	293,063349	346,465385	435,631833	466,969302
2525	159,259881	181,840004	246,10469	293,211914	346,634668	435,835144	467,185097

2526	159,356165	181,947828	246,236436	293,360505	346,803979	436,038486	467,400925
2527	159,452468	182,055673	246,368205	293,509121	346,973318	436,241859	467,616786
2528	159,548791	182,163539	246,499999	293,657762	347,142684	436,445265	467,83268
2529	159,645133	182,271427	246,631815	293,806428	347,312078	436,648701	468,048608
2530	159,741494	182,379335	246,763655	293,955119	347,481499	436,85217	468,264569
2531	159,837875	182,487265	246,895519	294,103835	347,650948	437,05567	468,480563
2532	159,934275	182,595217	247,027406	294,252576	347,820424	437,259201	468,69659
2533	160,030694	182,703189	247,159317	294,401342	347,989928	437,462765	468,91265
2534	160,127133	182,811183	247,291251	294,550133	348,159459	437,666359	469,128744
2535	160,223591	182,919198	247,423208	294,69895	348,329018	437,869986	469,344871
2536	160,320069	183,027235	247,555189	294,847791	348,498605	438,073644	469,561031
2537	160,416565	183,135292	247,687193	294,996657	348,668219	438,277333	469,777224
2538	160,513082	183,243371	247,819221	295,145549	348,83786	438,481054	469,99345
2539	160,609617	183,351471	247,951273	295,294465	349,007529	438,684807	470,209709
2540	160,706172	183,459593	248,083347	295,443407	349,177226	438,888591	470,426002
2541	160,802746	183,567735	248,215446	295,592373	349,346949	439,092407	470,642328
2542	160,89934	183,675899	248,347567	295,741365	349,516701	439,296254	470,858687
2543	160,995953	183,784084	248,479712	295,890382	349,68648	439,500133	471,075079
2544	161,092585	183,892291	248,611881	296,039423	349,856286	439,704043	471,291504
2545	161,189237	184,000518	248,744073	296,18849	350,02612	439,907985	471,507962
2546	161,285908	184,108767	248,876288	296,337582	350,195981	440,111958	471,724454
2547	161,382598	184,217037	249,008527	296,486698	350,36587	440,315963	471,940978
2548	161,479308	184,325329	249,140789	296,63584	350,535787	440,52	472,157536
2549	161,576036	184,433641	249,273075	296,785007	350,70573	440,724067	472,374127
2550	161,672785	184,541975	249,405384	296,934198	350,875701	440,928167	472,590751
2551	161,769552	184,65033	249,537716	297,083415	351,0457	441,132298	472,807408
2552	161,866339	184,758706	249,670072	297,232657	351,215726	441,33646	473,024098
2553	161,963145	184,867103	249,802451	297,381923	351,38578	441,540654	473,240821
2554	162,05997	184,975521	249,934854	297,531215	351,555861	441,744879	473,457577
2555	162,156815	185,083961	250,06728	297,680532	351,725969	441,949136	473,674367
2556	162,253679	185,192422	250,199729	297,829873	351,896105	442,153425	473,891189
2557	162,350562	185,300904	250,332202	297,97924	352,066268	442,357744	474,108045
2558	162,447465	185,409407	250,464698	298,128631	352,236459	442,562095	474,324933
2559	162,544386	185,517931	250,597217	298,278048	352,406677	442,766478	474,541855
2560	162,641327	185,626477	250,72976	298,427489	352,576922	442,970892	474,75881
2561	162,738288	185,735044	250,862326	298,576955	352,747195	443,175338	474,975797
2562	162,835267	185,843631	250,994916	298,726447	352,917496	443,379815	475,192818
2563	162,932266	185,95224	251,127529	298,875963	353,087823	443,584323	475,409872
2564	163,029284	186,060871	251,260165	299,025504	353,258179	443,788863	475,626959
2565	163,126321	186,169522	251,392825	299,17507	353,428561	443,993435	475,844079
2566	163,223378	186,278194	251,525507	299,324661	353,598971	444,198037	476,061232
2567	163,320454	186,386888	251,658214	299,474277	353,769408	444,402672	476,278418
2568	163,417549	186,495603	251,790943	299,623918	353,939873	444,607337	476,495637
2569	163,514663	186,604338	251,923696	299,773584	354,110365	444,812034	476,712889
2570	163,611796	186,713095	252,056472	299,923275	354,280884	445,016763	476,930174
2571	163,708949	186,821873	252,189272	300,07299	354,451431	445,221522	477,147492

2572	163,806121	186,930673	252,322095	300,222731	354,622005	445,426314	477,364843
2573	163,903312	187,039493	252,454941	300,372496	354,792606	445,631136	477,582227
2574	164,000523	187,148334	252,587811	300,522287	354,963235	445,83599	477,799644
2575	164,097752	187,257197	252,720703	300,672102	355,133891	446,040875	478,017094
2576	164,195001	187,36608	252,853619	300,821942	355,304575	446,245792	478,234577
2577	164,292269	187,474985	252,986559	300,971807	355,475286	446,45074	478,452093
2578	164,389556	187,583911	253,119521	301,121697	355,646024	446,65572	478,669642
2579	164,486863	187,692858	253,252507	301,271611	355,816789	446,860731	478,887224
2580	164,584188	187,801826	253,385517	301,421551	355,987582	447,065773	479,104839
2581	164,681533	187,910815	253,518549	301,571515	356,158402	447,270846	479,322486
2582	164,778897	188,019825	253,651605	301,721505	356,329249	447,475951	479,540167
2583	164,87628	188,128856	253,784684	301,871519	356,500124	447,681087	479,757881
2584	164,973682	188,237908	253,917786	302,021558	356,671026	447,886255	479,975627
2585	165,071104	188,346982	254,050912	302,171622	356,841956	448,091454	480,193407
2586	165,168544	188,456076	254,184061	302,321711	357,012912	448,296684	480,411219
2587	165,266004	188,565191	254,317233	302,471824	357,183896	448,501946	480,629065
2588	165,363483	188,674328	254,450428	302,621963	357,354907	448,707238	480,846943
2589	165,460981	188,783486	254,583647	302,772126	357,525946	448,912563	481,064854
2590	165,558499	188,892664	254,716889	302,922314	357,697012	449,117918	481,282798
2591	165,656035	189,001864	254,850154	303,072527	357,868105	449,323305	481,500775
2592	165,753591	189,111084	254,983442	303,222765	358,039225	449,528723	481,718785
2593	165,851165	189,220326	255,116753	303,373027	358,210372	449,734172	481,936828
2594	165,948759	189,329589	255,250088	303,523314	358,381547	449,939653	482,154904
2595	166,046372	189,438872	255,383446	303,673627	358,552749	450,145165	482,373012
2596	166,144004	189,548177	255,516827	303,823964	358,723979	450,350708	482,591154
2597	166,241656	189,657503	255,650232	303,974325	358,895235	450,556283	482,809328
2598	166,339326	189,76685	255,783659	304,124712	359,066519	450,761889	483,027536
2599	166,437016	189,876218	255,91711	304,275123	359,23783	450,967526	483,245776
2600	166,534724	189,985606	256,050584	304,425559	359,409169	451,173194	483,464049
2601	166,632452	190,095016	256,184081	304,57602	359,580534	451,378893	483,682354
2602	166,730199	190,204447	256,317602	304,726506	359,751927	451,584624	483,900693
2603	166,827965	190,313899	256,451145	304,877017	359,923347	451,790386	484,119064
2604	166,92575	190,423371	256,584712	305,027552	360,094794	451,99618	484,337469
2605	167,023554	190,532865	256,718302	305,178112	360,266269	452,202004	484,555906
2606	167,121377	190,64238	256,851915	305,328697	360,43777	452,40786	484,774376
2607	167,219219	190,751916	256,985552	305,479306	360,609299	452,613747	484,992879
2608	167,317081	190,861472	257,119211	305,62994	360,780855	452,819665	485,211414
2609	167,414961	190,97105	257,252894	305,780599	360,952438	453,025615	485,429983
2610	167,512861	191,080648	257,386599	305,931283	361,124049	453,231595	485,648584
2611	167,61078	191,190268	257,520328	306,081992	361,295687	453,437607	485,867218
2612	167,708717	191,299909	257,654081	306,232725	361,467351	453,64365	486,085885
2613	167,806674	191,40957	257,787856	306,383483	361,639043	453,849724	486,304585
2614	167,90465	191,519252	257,921654	306,534266	361,810762	454,05583	486,523317
2615	168,002645	191,628956	258,055476	306,685073	361,982509	454,261967	486,742082
2616	168,100659	191,73868	258,18932	306,835906	362,154282	454,468134	486,96088
2617	168,198692	191,848425	258,323188	306,986762	362,326083	454,674333	487,179711

2618	168,296744	191,958191	258,457079	307,137644	362,497911	454,880564	487,398574
2619	168,394815	192,067978	258,590993	307,28855	362,669766	455,086825	487,617471
2620	168,492905	192,177786	258,72493	307,439481	362,841648	455,293118	487,8364
2621	168,591015	192,287615	258,858891	307,590437	363,013557	455,499441	488,055362
2622	168,689143	192,397465	258,992874	307,741418	363,185494	455,705796	488,274356
2623	168,78729	192,507336	259,126881	307,892423	363,357457	455,912182	488,493384
2624	168,885456	192,617228	259,26091	308,043453	363,529448	456,118599	488,712444
2625	168,983642	192,72714	259,394963	308,194507	363,701466	456,325048	488,931536
2626	169,081846	192,837074	259,529039	308,345586	363,873511	456,531527	489,150662
2627	169,180069	192,947028	259,663138	308,49669	364,045583	456,738037	489,36982
2628	169,278312	193,057003	259,79726	308,647819	364,217682	456,944579	489,589011
2629	169,376573	193,166999	259,931405	308,798972	364,389808	457,151152	489,808235
2630	169,474854	193,277016	260,065573	308,95015	364,561961	457,357756	490,027491
2631	169,573153	193,387054	260,199764	309,101353	364,734142	457,564391	490,24678
2632	169,671471	193,497113	260,333978	309,25258	364,90635	457,771057	490,466102
2633	169,769809	193,607192	260,468216	309,403832	365,078584	457,977754	490,685457
2634	169,868165	193,717293	260,602476	309,555108	365,250846	458,184483	490,904844
2635	169,96654	193,827414	260,73676	309,706409	365,423135	458,391242	491,124264
2636	170,064935	193,937556	260,871066	309,857735	365,595451	458,598033	491,343716
2637	170,163348	194,04772	261,005396	310,009086	365,767794	458,804854	491,563201
2638	170,26178	194,157903	261,139749	310,160461	365,940164	459,011707	491,782719
2639	170,360232	194,268108	261,274124	310,31186	366,112561	459,218591	492,00227
2640	170,458702	194,378334	261,408523	310,463285	366,284985	459,425506	492,221853
2641	170,557191	194,48858	261,542945	310,614734	366,457437	459,632452	492,441469
2642	170,655699	194,598848	261,67739	310,766207	366,629915	459,839429	492,661118
2643	170,754226	194,709136	261,811858	310,917705	366,80242	460,046437	492,880799
2644	170,852773	194,819445	261,946348	311,069228	366,974953	460,253476	493,100513
2645	170,951338	194,929774	262,080862	311,220776	367,147512	460,460546	493,320259
2646	171,049922	195,040125	262,215399	311,372348	367,320099	460,667647	493,540038
2647	171,148525	195,150496	262,349959	311,523944	367,492712	460,87478	493,75985
2648	171,247146	195,260889	262,484542	311,675566	367,665353	461,081943	493,979694
2649	171,345787	195,371302	262,619148	311,827211	367,83802	461,289137	494,199571
2650	171,444447	195,481735	262,753777	311,978882	368,010715	461,496363	494,419481
2651	171,543126	195,59219	262,888429	312,130577	368,183437	461,703619	494,639423
2652	171,641823	195,702665	263,023104	312,282296	368,356185	461,910906	494,859398
2653	171,74054	195,813162	263,157802	312,43404	368,528961	462,118225	495,079405
2654	171,839275	195,923679	263,292523	312,585809	368,701764	462,325574	495,299445
2655	171,938029	196,034216	263,427267	312,737602	368,874593	462,532954	495,519518
2656	172,036803	196,144775	263,562033	312,88942	369,04745	462,740366	495,739623
2657	172,135595	196,255354	263,696823	313,041262	369,220334	462,947808	495,959761
2658	172,234406	196,365954	263,831636	313,193129	369,393244	463,155282	496,179931
2659	172,333236	196,476575	263,966472	313,345021	369,566182	463,362786	496,400134
2660	172,432085	196,587217	264,101331	313,496937	369,739147	463,570321	496,620369
2661	172,530952	196,697879	264,236212	313,648878	369,912138	463,777888	496,840637
2662	172,629839	196,808562	264,371117	313,800843	370,085157	463,985485	497,060938
2663	172,728745	196,919266	264,506044	313,952832	370,258202	464,193113	497,281271

2664	172,827669	197,029991	264,640995	314,104846	370,431275	464,400772	497,501637
2665	172,926612	197,140736	264,775969	314,256885	370,604374	464,608463	497,722035
2666	173,025574	197,251503	264,910965	314,408948	370,777501	464,816184	497,942466
2667	173,124555	197,362289	265,045984	314,561036	370,950654	465,023936	498,162929
2668	173,223555	197,473097	265,181027	314,713148	371,123834	465,231719	498,383425
2669	173,322574	197,583925	265,316092	314,865285	371,297041	465,439533	498,603953
2670	173,421612	197,694774	265,45118	315,017446	371,470276	465,647378	498,824514
2671	173,520668	197,805644	265,586291	315,169632	371,643537	465,855253	499,045107
2672	173,619743	197,916535	265,721425	315,321843	371,816825	466,06316	499,265733
2673	173,718838	198,027446	265,856582	315,474077	371,99014	466,271098	499,486392
2674	173,817951	198,138378	265,991762	315,626337	372,163482	466,479066	499,707083
2675	173,917082	198,249331	266,126964	315,77862	372,33685	466,687066	499,927806
2676	174,016233	198,360304	266,26219	315,930929	372,510246	466,895096	500,148562
2677	174,115403	198,471298	266,397439	316,083261	372,683669	467,103158	500,36935
2678	174,214591	198,582313	266,53271	316,235618	372,857118	467,31125	500,590171
2679	174,313798	198,693348	266,668004	316,388	373,030595	467,519373	500,811024
2680	174,413024	198,804404	266,803321	316,540406	373,204098	467,727527	501,03191
2681	174,512269	198,915481	266,938661	316,692837	373,377628	467,935712	501,252828
2682	174,611533	199,026579	267,074024	316,845292	373,551185	468,143927	501,473779
2683	174,710815	199,137697	267,20941	316,997771	373,724769	468,352174	501,694762
2684	174,810117	199,248835	267,344819	317,150275	373,89838	468,560452	501,915778
2685	174,909437	199,359995	267,48025	317,302804	374,072018	468,76876	502,136826
2686	175,008776	199,471175	267,615705	317,455357	374,245682	468,977099	502,357906
2687	175,108133	199,582376	267,751182	317,607934	374,419374	469,185469	502,579019
2688	175,20751	199,693597	267,886682	317,760536	374,593092	469,39387	502,800164
2689	175,306905	199,80484	268,022205	317,913162	374,766837	469,602302	503,021342
2690	175,406319	199,916102	268,157751	318,065812	374,940609	469,810764	503,242552
2691	175,505752	200,027386	268,293319	318,218488	375,114408	470,019258	503,463795
2692	175,605203	200,13869	268,428911	318,371187	375,288234	470,227782	503,68507
2693	175,704674	200,250015	268,564525	318,523911	375,462087	470,436337	503,906377
2694	175,804163	200,36136	268,700162	318,676659	375,635966	470,644923	504,127717
2695	175,903671	200,472726	268,835822	318,829432	375,809872	470,85354	504,34909
2696	176,003198	200,584112	268,971505	318,982229	375,983805	471,062187	504,570494
2697	176,102743	200,69552	269,107211	319,13505	376,157765	471,270866	504,791931
2698	176,202307	200,806947	269,242939	319,287896	376,331752	471,479575	505,013401
2699	176,30189	200,918396	269,37869	319,440766	376,505766	471,688315	505,234902
2700	176,401492	201,029865	269,514464	319,593661	376,679806	471,897086	505,456437
2701	176,501113	201,141355	269,650261	319,74658	376,853873	472,105887	505,678003
2702	176,600752	201,252865	269,786081	319,899524	377,027967	472,31472	505,899602
2703	176,70041	201,364396	269,921923	320,052491	377,202088	472,523583	506,121233
2704	176,800087	201,475947	270,057789	320,205484	377,376235	472,732477	506,342897
2705	176,899782	201,587519	270,193677	320,3585	377,55041	472,941401	506,564593
2706	176,999496	201,699112	270,329587	320,511541	377,724611	473,150357	506,786321
2707	177,099229	201,810725	270,465521	320,664606	377,898839	473,359343	507,008082
2708	177,198981	201,922359	270,601477	320,817696	378,073094	473,56836	507,229875
2709	177,298751	202,034013	270,737457	320,97081	378,247375	473,777408	507,4517

2710	177,39854	202,145688	270,873458	321,123948	378,421683	473,986486	507,673558
2711	177,498348	202,257384	271,009483	321,277111	378,596018	474,195595	507,895448
2712	177,598175	202,3691	271,145531	321,430298	378,77038	474,404735	508,11737
2713	177,69802	202,480836	271,281601	321,58351	378,944769	474,613906	508,339324
2714	177,797884	202,592594	271,417694	321,736745	379,119184	474,823107	508,561311
2715	177,897766	202,704371	271,553809	321,890005	379,293626	475,03234	508,783331
2716	177,997668	202,81617	271,689948	322,04329	379,468095	475,241603	509,005382
2717	178,097588	202,927989	271,826109	322,196598	379,64259	475,450896	509,227466
2718	178,197527	203,039828	271,962293	322,349931	379,817113	475,66022	509,449582
2719	178,297484	203,151688	272,0985	322,503289	379,991662	475,869575	509,67173
2720	178,39746	203,263568	272,234729	322,65667	380,166237	476,078961	509,893911
2721	178,497455	203,375469	272,370981	322,810076	380,34084	476,288378	510,116124
2722	178,597468	203,487391	272,507256	322,963507	380,515469	476,497825	510,338369
2723	178,6975	203,599333	272,643554	323,116961	380,690125	476,707303	510,560647
2724	178,797551	203,711295	272,779874	323,27044	380,864808	476,916811	510,782956
2725	178,897621	203,823278	272,916217	323,423943	381,039517	477,12635	511,005298
2726	178,997709	203,935282	273,052583	323,577471	381,214253	477,33592	511,227673
2727	179,097815	204,047306	273,188971	323,731022	381,389016	477,545521	511,450079
2728	179,197941	204,159351	273,325382	323,884598	381,563805	477,755152	511,672518
2729	179,298085	204,271416	273,461816	324,038199	381,738621	477,964814	511,894989
2730	179,398248	204,383501	273,598272	324,191823	381,913464	478,174506	512,117492
2731	179,498429	204,495608	273,734751	324,345472	382,088334	478,38423	512,340027
2732	179,598629	204,607734	273,871253	324,499145	382,26323	478,593984	512,562595
2733	179,698848	204,719881	274,007778	324,652842	382,438153	478,803768	512,785195
2734	179,799085	204,832049	274,144325	324,806564	382,613102	479,013583	513,007827
2735	179,899341	204,944237	274,280895	324,96031	382,788079	479,223429	513,230491
2736	179,999615	205,056445	274,417488	325,11408	382,963081	479,433305	513,453188
2737	180,099908	205,168674	274,554103	325,267874	383,138111	479,643212	513,675916
2738	180,20022	205,280924	274,690741	325,421693	383,313167	479,85315	513,898677
2739	180,300551	205,393194	274,827401	325,575536	383,48825	480,063118	514,12147
2740	180,4009	205,505484	274,964085	325,729403	383,66336	480,273117	514,344296
2741	180,501267	205,617795	275,10079	325,883294	383,838496	480,483147	514,567153
2742	180,601653	205,730126	275,237519	326,03721	384,013658	480,693207	514,790043
2743	180,702058	205,842478	275,37427	326,191149	384,188848	480,903298	515,012965
2744	180,802482	205,95485	275,511044	326,345113	384,364064	481,113419	515,235919
2745	180,902924	206,067243	275,64784	326,499102	384,539307	481,323571	515,458905
2746	181,003384	206,179656	275,784659	326,653114	384,714576	481,533754	515,681923
2747	181,103863	206,292089	275,921501	326,807151	384,889872	481,743967	515,904974
2748	181,204361	206,404543	276,058365	326,961212	385,065194	481,95421	516,128056
2749	181,304878	206,517017	276,195252	327,115297	385,240544	482,164485	516,351171
2750	181,405413	206,629512	276,332162	327,269406	385,415919	482,374789	516,574318
2751	181,505966	206,742027	276,469094	327,423539	385,591322	482,585125	516,797497
2752	181,606538	206,854563	276,606049	327,577697	385,766751	482,795491	517,020708
2753	181,707129	206,967119	276,743026	327,731879	385,942206	483,005887	517,243951
2754	181,807738	207,079695	276,880026	327,886085	386,117688	483,216314	517,467227
2755	181,908366	207,192292	277,017049	328,040315	386,293197	483,426772	517,690534

2756	182,009012	207,304909	277,154094	328,194569	386,468732	483,63726	517,913874
2757	182,109677	207,417547	277,291162	328,348848	386,644294	483,847779	518,137246
2758	182,210361	207,530205	277,428252	328,50315	386,819883	484,058328	518,360649
2759	182,311063	207,642883	277,565365	328,657477	386,995498	484,268908	518,584085
2760	182,411783	207,755582	277,702501	328,811828	387,17114	484,479518	518,807553
2761	182,512522	207,868301	277,839659	328,966203	387,346808	484,690159	519,031054
2762	182,61328	207,981041	277,97684	329,120602	387,522502	484,90083	519,254586
2763	182,714056	208,093801	278,114043	329,275026	387,698224	485,111532	519,47815
2764	182,814851	208,206581	278,251269	329,429473	387,873972	485,322265	519,701746
2765	182,915664	208,319382	278,388517	329,583945	388,049746	485,533027	519,925375
2766	183,016496	208,432203	278,525788	329,738441	388,225547	485,743821	520,149035
2767	183,117346	208,545044	278,663082	329,892961	388,401375	485,954645	520,372728
2768	183,218215	208,657906	278,800398	330,047505	388,577229	486,165499	520,596453
2769	183,319102	208,770788	278,937736	330,202073	388,753109	486,376384	520,820209
2770	183,420008	208,88369	279,075097	330,356666	388,929016	486,587299	521,043998
2771	183,520932	208,996613	279,212481	330,511282	389,10495	486,798245	521,267819
2772	183,621875	209,109556	279,349887	330,665923	389,28091	487,009221	521,491672
2773	183,722836	209,22252	279,487316	330,820588	389,456897	487,220228	521,715556
2774	183,823816	209,335504	279,624767	330,975276	389,63291	487,431265	521,939473
2775	183,924815	209,448508	279,762241	331,129989	389,808949	487,642333	522,163422
2776	184,025831	209,561532	279,899738	331,284726	389,985016	487,853431	522,387403
2777	184,126867	209,674577	280,037256	331,439488	390,161108	488,06456	522,611416
2778	184,22792	209,787642	280,174798	331,594273	390,337227	488,275719	522,835461
2779	184,328993	209,900727	280,312362	331,749082	390,513373	488,486908	523,059538
2780	184,430083	210,013833	280,449948	331,903915	390,689545	488,698128	523,283647
2781	184,531193	210,126959	280,587557	332,058773	390,865744	488,909379	523,507788
2782	184,63232	210,240105	280,725188	332,213654	391,041969	489,120659	523,731961
2783	184,733466	210,353272	280,862842	332,36856	391,218221	489,331971	523,956166
2784	184,834631	210,466459	281,000519	332,52349	391,394499	489,543312	524,180403
2785	184,935814	210,579666	281,138218	332,678444	391,570803	489,754684	524,404672
2786	185,037016	210,692894	281,275939	332,833421	391,747134	489,966087	524,628973
2787	185,138236	210,806142	281,413683	332,988423	391,923492	490,17752	524,853305
2788	185,239474	210,91941	281,551449	333,143449	392,099876	490,388983	525,07767
2789	185,340731	211,032698	281,689238	333,298499	392,276286	490,600477	525,302067
2790	185,442006	211,146007	281,827049	333,453573	392,452723	490,812001	525,526496
2791	185,5433	211,259336	281,964883	333,608671	392,629186	491,023555	525,750956
2792	185,644612	211,372685	282,102739	333,763793	392,805676	491,23514	525,975449
2793	185,745943	211,486054	282,240618	333,918939	392,982192	491,446755	526,199974
2794	185,847292	211,599444	282,378519	334,07411	393,158734	491,658401	526,42453
2795	185,948659	211,712854	282,516442	334,229304	393,335303	491,870077	526,649119
2796	186,050045	211,826284	282,654388	334,384522	393,511899	492,081783	526,873739
2797	186,15145	211,939735	282,792357	334,539764	393,688521	492,29352	527,098391
2798	186,252872	212,053205	282,930348	334,695031	393,865169	492,505287	527,323076
2799	186,354313	212,166696	283,068361	334,850321	394,041844	492,717084	527,547792
2800	186,455773	212,280207	283,206397	335,005635	394,218545	492,928912	527,77254
2801	186,557251	212,393739	283,344455	335,160973	394,395272	493,14077	527,99732

2802	186,658747	212,507291	283,482535	335,316336	394,572026	493,352659	528,222132
2803	186,760262	212,620862	283,620639	335,471722	394,748806	493,564578	528,446975
2804	186,861795	212,734455	283,758764	335,627132	394,925613	493,776527	528,671851
2805	186,963347	212,848067	283,896912	335,782566	395,102446	493,988506	528,896759
2806	187,064917	212,961699	284,035082	335,938025	395,279306	494,200516	529,121698
2807	187,166505	213,075352	284,173275	336,093507	395,456191	494,412556	529,346669
2808	187,268112	213,189025	284,31149	336,249013	395,633104	494,624627	529,571672
2809	187,369737	213,302718	284,449727	336,404543	395,810042	494,836727	529,796708
2810	187,47138	213,416432	284,587987	336,560098	395,987007	495,048858	530,021774
2811	187,573042	213,530165	284,72627	336,715676	396,163998	495,26102	530,246873
2812	187,674722	213,643919	284,864574	336,871278	396,341016	495,473211	530,472004
2813	187,776421	213,757693	285,002901	337,026904	396,51806	495,685433	530,697166
2814	187,878138	213,871487	285,141251	337,182554	396,695131	495,897686	530,922361
2815	187,979873	213,985302	285,279623	337,338228	396,872227	496,109968	531,147587
2816	188,081627	214,099136	285,418017	337,493926	397,04935	496,322281	531,372845
2817	188,183399	214,212991	285,556433	337,649648	397,2265	496,534624	531,598135
2818	188,285189	214,326866	285,694872	337,805394	397,403676	496,746998	531,823456
2819	188,386998	214,440761	285,833334	337,961163	397,580878	496,959401	532,04881
2820	188,488825	214,554676	285,971817	338,116957	397,758106	497,171835	532,274195
2821	188,590671	214,668612	286,110323	338,272775	397,935361	497,384299	532,499612
2822	188,692534	214,782567	286,248852	338,428616	398,112642	497,596794	532,725061
2823	188,794416	214,896543	286,387402	338,584482	398,289949	497,809318	532,950542
2824	188,896317	215,010539	286,525975	338,740371	398,467283	498,021873	533,176055
2825	188,998235	215,124555	286,664571	338,896284	398,644643	498,234458	533,401599
2826	189,100173	215,238591	286,803189	339,052222	398,822029	498,447074	533,627175
2827	189,202128	215,352647	286,941829	339,208183	398,999442	498,65972	533,852783
2828	189,304102	215,466724	287,080491	339,364168	399,176881	498,872395	534,078423
2829	189,406094	215,58082	287,219176	339,520177	399,354346	499,085102	534,304095
2830	189,508104	215,694937	287,357883	339,67621	399,531838	499,297838	534,529798
2831	189,610132	215,809074	287,496612	339,832266	399,709356	499,510604	534,755533
2832	189,712179	215,923231	287,635364	339,988347	399,8869	499,723401	534,9813
2833	189,814245	216,037408	287,774138	340,144452	400,06447	499,936228	535,207098
2834	189,916328	216,151605	287,912934	340,30058	400,242067	500,149085	535,432929
2835	190,01843	216,265822	288,051753	340,456732	400,41969	500,361973	535,658791
2836	190,12055	216,38006	288,190594	340,612908	400,597339	500,57489	535,884685
2837	190,222688	216,494317	288,329457	340,769108	400,775014	500,787838	536,11061
2838	190,324845	216,608595	288,468343	340,925332	400,952716	501,000816	536,336568
2839	190,42702	216,722893	288,607251	341,08158	401,130444	501,213824	536,562557
2840	190,529213	216,837211	288,746181	341,237852	401,308198	501,426862	536,788578
2841	190,631425	216,951549	288,885133	341,394147	401,485979	501,639931	537,01463
2842	190,733655	217,065907	289,024108	341,550467	401,663785	501,85303	537,240714
2843	190,835903	217,180285	289,163105	341,70681	401,841618	502,066158	537,46683
2844	190,938169	217,294683	289,302124	341,863177	402,019477	502,279317	537,692978
2845	191,040454	217,409101	289,441166	342,019568	402,197363	502,492507	537,919158
2846	191,142756	217,52354	289,58023	342,175983	402,375274	502,705726	538,145369
2847	191,245077	217,637998	289,719316	342,332421	402,553212	502,918975	538,371611

2848	191,347417	217,752476	289,858424	342,488884	402,731176	503,132255	538,597886
2849	191,449774	217,866975	289,997554	342,64537	402,909167	503,345565	538,824192
2850	191,55215	217,981494	290,136707	342,80188	403,087183	503,558904	539,05053
2851	191,654544	218,096032	290,275882	342,958414	403,265226	503,772275	539,2769
2852	191,756957	218,210591	290,41508	343,114971	403,443295	503,985675	539,503301
2853	191,859387	218,32517	290,554299	343,271553	403,62139	504,199105	539,729734
2854	191,961836	218,439769	290,693541	343,428158	403,799511	504,412565	539,956198
2855	192,064303	218,554388	290,832805	343,584787	403,977659	504,626056	540,182695
2856	192,166788	218,669026	290,972091	343,74144	404,155833	504,839576	540,409223
2857	192,269292	218,783685	291,1114	343,898117	404,334033	505,053127	540,635782
2858	192,371813	218,898364	291,250731	344,054818	404,512259	505,266708	540,862373
2859	192,474353	219,013063	291,390084	344,211542	404,690511	505,480319	541,088996
2860	192,576911	219,127782	291,529459	344,36829	404,868789	505,69396	541,315651
2861	192,679488	219,242521	291,668856	344,525062	405,047094	505,907631	541,542337
2862	192,782082	219,357281	291,808276	344,681858	405,225425	506,121332	541,769055
2863	192,884695	219,47206	291,947718	344,838677	405,403782	506,335063	541,995804
2864	192,987326	219,586859	292,087182	344,99552	405,582165	506,548825	542,222585
2865	193,089975	219,701678	292,226668	345,152387	405,760574	506,762616	542,449398
2866	193,192642	219,816517	292,366176	345,309278	405,93901	506,976438	542,676242
2867	193,295328	219,931376	292,505707	345,466193	406,117471	507,190289	542,903118
2868	193,398031	220,046255	292,64526	345,623131	406,295959	507,404171	543,130026
2869	193,500753	220,161154	292,784834	345,780093	406,474473	507,618082	543,356965
2870	193,603493	220,276073	292,924432	345,937079	406,653013	507,832024	543,583936
2871	193,706251	220,391013	293,064051	346,094089	406,831579	508,045996	543,810938
2872	193,809028	220,505972	293,203692	346,251122	407,010171	508,259998	544,037972
2873	193,911822	220,620951	293,343356	346,408179	407,18879	508,47403	544,265037
2874	194,014635	220,73595	293,483042	346,56526	407,367434	508,688091	544,492134
2875	194,117466	220,850969	293,62275	346,722364	407,546105	508,902183	544,719263
2876	194,220315	220,966008	293,76248	346,879493	407,724801	509,116305	544,946423
2877	194,323182	221,081067	293,902233	347,036645	407,903524	509,330457	545,173615
2878	194,426068	221,196146	294,042007	347,19382	408,082273	509,544639	545,400838
2879	194,528971	221,311245	294,181804	347,35102	408,261048	509,758851	545,628093
2880	194,631893	221,426363	294,321622	347,508243	408,439849	509,973093	545,85538
2881	194,734833	221,541502	294,461463	347,66549	408,618677	510,187365	546,082698
2882	194,837791	221,656661	294,601326	347,82276	408,79753	510,401667	546,310047
2883	194,940767	221,77184	294,741212	347,980055	408,976409	510,615999	546,537428
2884	195,043761	221,887038	294,881119	348,137373	409,155315	510,830361	546,764841
2885	195,146773	222,002257	295,021048	348,294714	409,334247	511,044753	546,992285
2886	195,249804	222,117495	295,161	348,45208	409,513204	511,259175	547,219761
2887	195,352852	222,232754	295,300974	348,609469	409,692188	511,473627	547,447268
2888	195,455919	222,348032	295,44097	348,766882	409,871198	511,688109	547,674807
2889	195,559004	222,46333	295,580988	348,924318	410,050234	511,902621	547,902377
2890	195,662107	222,578649	295,721028	349,081778	410,229296	512,117163	548,129979
2891	195,765228	222,693987	295,86109	349,239262	410,408384	512,331735	548,357612
2892	195,868367	222,809345	296,001174	349,39677	410,587498	512,546336	548,585277
2893	195,971525	222,924723	296,141281	349,554301	410,766638	512,760968	548,812973

2894	196,0747	223,040121	296,281409	349,711856	410,945804	512,97563	549,040701
2895	196,177893	223,155538	296,42156	349,869434	411,124996	513,190322	549,26846
2896	196,281105	223,270976	296,561732	350,027036	411,304214	513,405043	549,496251
2897	196,384335	223,386434	296,701927	350,184662	411,483458	513,619795	549,724073
2898	196,487583	223,501911	296,842144	350,342312	411,662729	513,834576	549,951927
2899	196,590848	223,617408	296,982383	350,499985	411,842025	514,049388	550,179812
2900	196,694132	223,732926	297,122644	350,657682	412,021347	514,264229	550,407729
2901	196,797434	223,848463	297,262927	350,815402	412,200696	514,4791	550,635677
2902	196,900755	223,96402	297,403232	350,973146	412,38007	514,694001	550,863656
2903	197,004093	224,079597	297,543559	351,130914	412,55947	514,908932	551,091667
2904	197,107449	224,195194	297,683909	351,288705	412,738897	515,123893	551,31971
2905	197,210823	224,31081	297,82428	351,44652	412,918349	515,338884	551,547784
2906	197,314216	224,426447	297,964673	351,604359	413,097828	515,553905	551,775889
2907	197,417626	224,542103	298,105089	351,762221	413,277332	515,768956	552,004026
2908	197,521055	224,657779	298,245526	351,920107	413,456862	515,984036	552,232194
2909	197,624501	224,773475	298,385986	352,078016	413,636419	516,199147	552,460394
2910	197,727966	224,889191	298,526467	352,235949	413,816001	516,414287	552,688625
2911	197,831449	225,004927	298,666971	352,393906	413,995609	516,629457	552,916887
2912	197,934949	225,120683	298,807497	352,551886	414,175244	516,844657	553,145181
2913	198,038468	225,236458	298,948044	352,70989	414,354904	517,059887	553,373507
2914	198,142005	225,352254	299,088614	352,867917	414,53459	517,275147	553,601863
2915	198,24556	225,468069	299,229206	353,025968	414,714302	517,490437	553,830251
2916	198,349133	225,583904	299,36982	353,184043	414,894041	517,705756	554,058671
2917	198,452724	225,699759	299,510455	353,342141	415,073805	517,921106	554,287122
2918	198,556333	225,815633	299,651113	353,500263	415,253595	518,136485	554,515604
2919	198,65996	225,931528	299,791793	353,658408	415,433411	518,351894	554,744118
2920	198,763605	226,047442	299,932495	353,816577	415,613253	518,567333	554,972663
2921	198,867268	226,163376	300,073219	353,97477	415,793121	518,782802	555,20124
2922	198,970949	226,27933	300,213964	354,132986	415,973015	518,998301	555,429847
2923	199,074648	226,395304	300,354732	354,291226	416,152935	519,213829	555,658487
2924	199,178365	226,511297	300,495522	354,449489	416,33288	519,429387	555,887157
2925	199,2821	226,627311	300,636334	354,607776	416,512852	519,644976	556,115859
2926	199,385853	226,743344	300,777168	354,766086	416,69285	519,860593	556,344592
2927	199,489624	226,859397	300,918024	354,92442	416,872873	520,076241	556,573357
2928	199,593413	226,975469	301,058901	355,082777	417,052923	520,291919	556,802153
2929	199,69722	227,091562	301,199801	355,241158	417,232998	520,507626	557,03098
2930	199,801045	227,207674	301,340723	355,399563	417,413099	520,723363	557,259839
2931	199,904888	227,323806	301,481667	355,557991	417,593226	520,93913	557,488729
2932	200,008749	227,439958	301,622632	355,716443	417,773379	521,154927	557,71765
2933	200,112628	227,55613	301,76362	355,874918	417,953558	521,370754	557,946603
2934	200,216525	227,672321	301,904629	356,033417	418,133763	521,58661	558,175587
2935	200,32044	227,788533	302,045661	356,191939	418,313994	521,802496	558,404602
2936	200,424373	227,904763	302,186714	356,350484	418,494251	522,018412	558,633649
2937	200,528324	228,021014	302,32779	356,509054	418,674533	522,234358	558,862727
2938	200,632292	228,137285	302,468887	356,667646	418,854842	522,450333	559,091836
2939	200,736279	228,253575	302,610007	356,826263	419,035176	522,666338	559,320976

2940	200,840284	228,369885	302,751148	356,984902	419,215536	522,882373	559,550148
2941	200,944307	228,486215	302,892311	357,143566	419,395922	523,098438	559,779351
2942	201,048347	228,602564	303,033496	357,302252	419,576334	523,314532	560,008586
2943	201,152406	228,718933	303,174703	357,460963	419,756772	523,530657	560,237851
2944	201,256483	228,835322	303,315932	357,619696	419,937235	523,746811	560,467148
2945	201,360577	228,951731	303,457183	357,778454	420,117725	523,962994	560,696477
2946	201,46469	229,068159	303,598456	357,937234	420,29824	524,179208	560,925836
2947	201,56882	229,184608	303,739751	358,096039	420,478781	524,395451	561,155227
2948	201,672968	229,301075	303,881068	358,254866	420,659348	524,611724	561,384649
2949	201,777134	229,417563	304,022406	358,413717	420,839941	524,828026	561,614102
2950	201,881319	229,53407	304,163767	358,572592	421,02056	525,044359	561,843587
2951	201,985521	229,650597	304,305149	358,73149	421,201204	525,260721	562,073103
2952	202,089741	229,767144	304,446553	358,890412	421,381875	525,477113	562,30265
2953	202,193979	229,883711	304,58798	359,049357	421,562571	525,693534	562,532228
2954	202,298235	230,000297	304,729428	359,208325	421,743293	525,909985	562,761837
2955	202,402508	230,116903	304,870898	359,367317	421,924041	526,126466	562,991478
2956	202,5068	230,233528	305,012389	359,526332	422,104814	526,342977	563,22115
2957	202,61111	230,350173	305,153903	359,685371	422,285614	526,559517	563,450853
2958	202,715437	230,466838	305,295439	359,844434	422,466439	526,776087	563,680588
2959	202,819783	230,583523	305,436996	360,003519	422,64729	526,992687	563,910353
2960	202,924146	230,700227	305,578576	360,162628	422,828167	527,209316	564,14015
2961	203,028527	230,816951	305,720177	360,321761	423,00907	527,425975	564,369978
2962	203,132926	230,933695	305,8618	360,480917	423,189998	527,642663	564,599837
2963	203,237343	231,050458	306,003445	360,640096	423,370952	527,859382	564,829728
2964	203,341778	231,167242	306,145112	360,799299	423,551932	528,07613	565,059649
2965	203,446231	231,284044	306,2868	360,958526	423,732938	528,292907	565,289602
2966	203,550701	231,400867	306,428511	361,117775	423,91397	528,509715	565,519586
2967	203,65519	231,517709	306,570243	361,277048	424,095027	528,726552	565,749601
2968	203,759696	231,63457	306,711998	361,436345	424,27611	528,943418	565,979648
2969	203,86422	231,751452	306,853774	361,595665	424,457219	529,160315	566,209725
2970	203,968762	231,868353	306,995571	361,755008	424,638354	529,37724	566,439834
2971	204,073322	231,985273	307,137391	361,914375	424,819514	529,594196	566,669974
2972	204,1779	232,102214	307,279233	362,073765	425,0007	529,811181	566,900145
2973	204,282496	232,219174	307,421096	362,233179	425,181912	530,028196	567,130347
2974	204,387109	232,336153	307,562981	362,392615	425,36315	530,24524	567,36058
2975	204,491741	232,453152	307,704888	362,552076	425,544413	530,462314	567,590845
2976	204,59639	232,570171	307,846817	362,711559	425,725702	530,679418	567,82114
2977	204,701057	232,68721	307,988768	362,871066	425,907017	530,896551	568,051467
2978	204,805742	232,804268	308,13074	363,030597	426,088358	531,113714	568,281825
2979	204,910445	232,921346	308,272735	363,190151	426,269724	531,330906	568,512214
2980	205,015165	233,038443	308,414751	363,349728	426,451116	531,548128	568,742634
2981	205,119904	233,15556	308,556789	363,509328	426,632534	531,76538	568,973085
2982	205,22466	233,272696	308,698848	363,668952	426,813977	531,982661	569,203568
2983	205,329434	233,389853	308,84093	363,8286	426,995446	532,199972	569,434081
2984	205,434226	233,507028	308,983033	363,98827	427,176941	532,417312	569,664626
2985	205,539036	233,624224	309,125158	364,147964	427,358462	532,634682	569,895202

2986	205,643863	233,741439	309,267305	364,307681	427,540008	532,852082	570,125808
2987	205,748709	233,858673	309,409474	364,467422	427,72158	533,069511	570,356446
2988	205,853572	233,975928	309,551664	364,627186	427,903178	533,28697	570,587115
2989	205,958453	234,093201	309,693876	364,786973	428,084802	533,504458	570,817815
2990	206,063352	234,210495	309,83611	364,946784	428,266451	533,721976	571,048547
2991	206,168268	234,327808	309,978366	365,106618	428,448125	533,939523	571,279309
2992	206,273203	234,44514	310,120644	365,266475	428,629826	534,1571	571,510102
2993	206,378155	234,562492	310,262943	365,426356	428,811552	534,374707	571,740927
2994	206,483125	234,679864	310,405264	365,58626	428,993304	534,592343	571,971782
2995	206,588113	234,797255	310,547607	365,746187	429,175081	534,810008	572,202669
2996	206,693118	234,914666	310,689971	365,906138	429,356885	535,027703	572,433586
2997	206,798142	235,032097	310,832357	366,066112	429,538713	535,245428	572,664535
2998	206,903183	235,149546	310,974765	366,226109	429,720568	535,463182	572,895514
2999	207,008242	235,267016	311,117195	366,386129	429,902448	535,680965	573,126525
3000	207,113318	235,384505	311,259647	366,546173	430,084354	535,898779	573,357567
3001	207,218413	235,502014	311,40212	366,70624	430,266285	536,116621	573,58864
3002	207,323525	235,619542	311,544615	366,866331	430,448242	536,334493	573,819744
3003	207,428655	235,737089	311,687132	367,026444	430,630225	536,552395	574,050879
3004	207,533803	235,854657	311,82967	367,186581	430,812234	536,770326	574,282044
3005	207,638968	235,972243	311,97223	367,346742	430,994268	536,988287	574,513241
3006	207,744152	236,08985	312,114812	367,506925	431,176327	537,206277	574,744469
3007	207,849353	236,207476	312,257416	367,667132	431,358413	537,424297	574,975728
3008	207,954572	236,325121	312,400041	367,827362	431,540523	537,642346	575,207018
3009	208,059808	236,442786	312,542688	367,987615	431,72266	537,860425	575,438339
3010	208,165062	236,56047	312,685356	368,147892	431,904822	538,078533	575,669691
3011	208,270334	236,678174	312,828047	368,308192	432,08701	538,29667	575,901074
3012	208,375624	236,795898	312,970759	368,468515	432,269223	538,514837	576,132488
3013	208,480932	236,913641	313,113493	368,628861	432,451462	538,733034	576,363933
3014	208,586257	237,031403	313,256248	368,789231	432,633727	538,95126	576,595409
3015	208,6916	237,149185	313,399025	368,949624	432,816017	539,169515	576,826916
3016	208,796961	237,266987	313,541824	369,11004	432,998333	539,3878	577,058454
3017	208,902339	237,384808	313,684645	369,27048	433,180674	539,606115	577,290023
3018	209,007735	237,502648	313,827487	369,430942	433,363041	539,824458	577,521622
3019	209,113149	237,620508	313,970351	369,591428	433,545434	540,042832	577,753253
3020	209,218581	237,738387	314,113236	369,751937	433,727852	540,261234	577,984915
3021	209,32403	237,856286	314,256144	369,912469	433,910295	540,479666	578,216608
3022	209,429497	237,974205	314,399073	370,073025	434,092765	540,698128	578,448331
3023	209,534982	238,092143	314,542023	370,233604	434,275259	540,916619	578,680086
3024	209,640484	238,2101	314,684995	370,394206	434,45778	541,135139	578,911872
3025	209,746004	238,328077	314,827989	370,554831	434,640326	541,353689	579,143688
3026	209,851542	238,446073	314,971005	370,715479	434,822897	541,572268	579,375535
3027	209,957097	238,564089	315,114042	370,876151	435,005494	541,790877	579,607414
3028	210,062671	238,682124	315,257101	371,036846	435,188117	542,009515	579,839323
3029	210,168261	238,800179	315,400181	371,197564	435,370765	542,228182	580,071263
3030	210,27387	238,918253	315,543283	371,358305	435,553439	542,446879	580,303234
3031	210,379496	239,036347	315,686407	371,51907	435,736138	542,665605	580,535236

3032	210,48514	239,15446	315,829552	371,679857	435,918863	542,884361	580,767269
3033	210,590802	239,272593	315,972719	371,840668	436,101613	543,103146	580,999333
3034	210,696481	239,390744	316,115908	372,001502	436,284389	543,32196	581,231428
3035	210,802178	239,508916	316,259118	372,162359	436,467191	543,540804	581,463554
3036	210,907893	239,627107	316,40235	372,323239	436,650018	543,759677	581,69571
3037	211,013625	239,745317	316,545604	372,484143	436,83287	543,97858	581,927897
3038	211,119375	239,863547	316,688879	372,64507	437,015748	544,197512	582,160116
3039	211,225143	239,981796	316,832175	372,80602	437,198651	544,416473	582,392365
3040	211,330928	240,100064	316,975494	372,966993	437,38158	544,635464	582,624645
3041	211,436731	240,218352	317,118834	373,127989	437,564535	544,854484	582,856956
3042	211,542551	240,33666	317,262195	373,289008	437,747515	545,073533	583,089298
3043	211,64839	240,454987	317,405578	373,450051	437,93052	545,292612	583,32167
3044	211,754246	240,573333	317,548983	373,611116	438,113551	545,51172	583,554074
3045	211,860119	240,691699	317,692409	373,772205	438,296608	545,730857	583,786508
3046	211,96601	240,810084	317,835857	373,933317	438,47969	545,950024	584,018974
3047	212,071919	240,928488	317,979327	374,094452	438,662797	546,16922	584,25147
3048	212,177845	241,046912	318,122818	374,25561	438,84593	546,388445	584,483997
3049	212,283789	241,165355	318,26633	374,416792	439,029089	546,6077	584,716554
3050	212,389751	241,283818	318,409865	374,577996	439,212273	546,826984	584,949143
3051	212,49573	241,4023	318,55342	374,739224	439,395482	547,046297	585,181762
3052	212,601727	241,520801	318,696998	374,900475	439,578717	547,265639	585,414413
3053	212,707742	241,639322	318,840597	375,061749	439,761977	547,485011	585,647094
3054	212,813774	241,757862	318,984217	375,223046	439,945263	547,704413	585,879806
3055	212,919824	241,876422	319,127859	375,384366	440,128574	547,923843	586,112548
3056	213,025891	241,995001	319,271523	375,545709	440,311911	548,143303	586,345322
3057	213,131976	242,113599	319,415208	375,707075	440,495273	548,362792	586,578126
3058	213,238079	242,232217	319,558914	375,868465	440,67866	548,58231	586,810961
3059	213,344199	242,350854	319,702643	376,029877	440,862073	548,801858	587,043827
3060	213,450337	242,46951	319,846392	376,191313	441,045512	549,021435	587,276724
3061	213,556492	242,588186	319,990164	376,352772	441,228976	549,241041	587,509652
3062	213,662665	242,706881	320,133957	376,514254	441,412465	549,460677	587,74261
3063	213,768856	242,825596	320,277771	376,675759	441,59598	549,680341	587,975599
3064	213,875064	242,94433	320,421607	376,837287	441,77952	549,900036	588,208619
3065	213,98129	243,063083	320,565464	376,998838	441,963085	550,119759	588,441669
3066	214,087533	243,181855	320,709343	377,160412	442,146676	550,339511	588,674751
3067	214,193794	243,300647	320,853244	377,322009	442,330293	550,559293	588,907863
3068	214,300072	243,419458	320,997166	377,483629	442,513935	550,779104	589,141006
3069	214,406368	243,538289	321,141109	377,645273	442,697602	550,998945	589,37418
3070	214,512682	243,657139	321,285074	377,806939	442,881294	551,218814	589,607384
3071	214,619013	243,776008	321,429061	377,968629	443,065012	551,438713	589,840619
3072	214,725362	243,894896	321,573069	378,130341	443,248756	551,658641	590,073885
3073	214,831728	244,013804	321,717098	378,292077	443,432525	551,878598	590,307182
3074	214,938112	244,132731	321,861149	378,453836	443,616319	552,098585	590,540509
3075	215,044513	244,251678	322,005222	378,615617	443,800138	552,3186	590,773868
3076	215,150932	244,370644	322,149316	378,777422	443,983983	552,538645	591,007257
3077	215,257369	244,489629	322,293431	378,93925	444,167854	552,758719	591,240676

3078	215,363823	244,608633	322,437568	379,101101	444,35175	552,978823	591,474126
3079	215,470295	244,727657	322,581727	379,262975	444,535671	553,198955	591,707608
3080	215,576784	244,8467	322,725907	379,424872	444,719617	553,419117	591,941119
3081	215,68329	244,965762	322,870108	379,586792	444,903589	553,639308	592,174662
3082	215,789815	245,084844	323,014331	379,748735	445,087586	553,859528	592,408235
3083	215,896356	245,203944	323,158575	379,910701	445,271609	554,079777	592,641839
3084	216,002916	245,323065	323,302841	380,07269	445,455657	554,300056	592,875473
3085	216,109493	245,442204	323,447128	380,234702	445,63973	554,520364	593,109139
3086	216,216087	245,561363	323,591437	380,396737	445,823828	554,740701	593,342835
3087	216,322699	245,680541	323,735767	380,558795	446,007952	554,961067	593,576561
3088	216,429328	245,799738	323,880119	380,720876	446,192102	555,181462	593,810319
3089	216,535975	245,918954	324,024492	380,88298	446,376276	555,401886	594,044107
3090	216,642639	246,03819	324,168886	381,045107	446,560476	555,62234	594,277925
3091	216,749321	246,157445	324,313302	381,207257	446,744702	555,842822	594,511775
3092	216,856021	246,27672	324,45774	381,36943	446,928952	556,063334	594,745655
3093	216,962738	246,396013	324,602199	381,531626	447,113228	556,283875	594,979566
3094	217,069472	246,515326	324,746679	381,693845	447,297529	556,504446	595,213507
3095	217,176224	246,634658	324,891181	381,856087	447,481856	556,725045	595,447479
3096	217,282993	246,75401	325,035704	382,018353	447,666208	556,945673	595,681482
3097	217,38978	246,87338	325,180248	382,180641	447,850585	557,166331	595,915515
3098	217,496584	246,99277	325,324814	382,342951	448,034988	557,387018	596,149579
3099	217,603406	247,112179	325,469402	382,505285	448,219415	557,607734	596,383673
3100	217,710246	247,231607	325,614011	382,667642	448,403869	557,828479	596,617799
3101	217,817102	247,351055	325,758641	382,830022	448,588347	558,049253	596,851954
3102	217,923977	247,470522	325,903292	382,992425	448,772851	558,270056	597,086141
3103	218,030869	247,590008	326,047965	383,154851	448,95738	558,490888	597,320358
3104	218,137778	247,709513	326,19266	383,3173	449,141934	558,711175	597,554606
3105	218,244704	247,829037	326,337376	383,479771	449,326513	558,93264	597,788884
3106	218,351649	247,948581	326,482113	383,642266	449,511118	559,15356	598,023193
3107	218,45861	248,068144	326,626871	383,804784	449,695748	559,374509	598,257532
3108	218,565589	248,187726	326,771651	383,967324	449,880404	559,595487	598,491902
3109	218,672586	248,307327	326,916453	384,129888	450,065084	559,816493	598,726303
3110	218,7796	248,426948	327,061276	384,292474	450,24979	560,03753	598,960735
3111	218,886631	248,546587	327,20612	384,455083	450,434521	560,258595	599,195196
3112	218,99368	248,666246	327,350985	384,617716	450,619278	560,479689	599,429689
3113	219,100747	248,785924	327,495872	384,780371	450,80406	560,700812	599,664212
3114	219,20783	248,905622	327,64078	384,943049	450,988866	560,921964	599,898766
3115	219,314932	249,025338	327,78571	385,10575	451,173699	561,143146	600,13335
3116	219,42205	249,145074	327,930661	385,268474	451,358556	561,364356	600,367965
3117	219,529187	249,264829	328,075633	385,431221	451,543439	561,585596	600,60261
3118	219,63634	249,384603	328,220627	385,593991	451,728347	561,806864	600,837286
3119	219,743511	249,504396	328,365642	385,756783	451,91328	562,028162	601,071992
3120	219,850699	249,624208	328,510679	385,919599	452,098238	562,249489	601,306729
3121	219,957905	249,74404	328,655736	386,082437	452,283222	562,470845	601,541497
3122	220,065128	249,863891	328,800816	386,245299	452,46823	562,692229	601,776295
3123	220,172369	249,983761	328,945916	386,408183	452,653264	562,913643	602,011124

3124	220,279627	250,10365	329,091038	386,57109	452,838324	563,135086	602,245983
3125	220,386903	250,223558	329,236181	386,73402	453,023408	563,356558	602,480873
3126	220,494196	250,343485	329,381345	386,896973	453,208518	563,578059	602,715793
3127	220,601506	250,463432	329,526531	387,059949	453,393653	563,799589	602,950744
3128	220,708834	250,583398	329,671738	387,222948	453,578813	564,021148	603,185725
3129	220,816179	250,703382	329,816967	387,385969	453,763998	564,242736	603,420737
3130	220,923541	250,823386	329,962216	387,549014	453,949209	564,464353	603,655779
3131	221,030921	250,943409	330,107488	387,712081	454,134444	564,685999	603,890852
3132	221,138318	251,063452	330,25278	387,875171	454,319705	564,907674	604,125956
3133	221,245733	251,183513	330,398094	388,038284	454,504991	565,129378	604,361089
3134	221,353165	251,303594	330,543429	388,20142	454,690302	565,351111	604,596254
3135	221,460614	251,423693	330,688785	388,364579	454,875639	565,572873	604,831449
3136	221,568081	251,543812	330,834162	388,527761	455,061	565,794664	605,066674
3137	221,675565	251,66395	330,979561	388,690965	455,246387	566,016483	605,30193
3138	221,783067	251,784107	331,124982	388,854192	455,431799	566,238332	605,537216
3139	221,890586	251,904283	331,270423	389,017442	455,617236	566,46021	605,772533
3140	221,998122	252,024478	331,415886	389,180715	455,802698	566,682117	606,00788
3141	222,105676	252,144693	331,56137	389,344011	455,988186	566,904053	606,243258
3142	222,213247	252,264926	331,706875	389,50733	456,173698	567,126018	606,478666
3143	222,320835	252,385179	331,852402	389,670671	456,359236	567,348012	606,714105
3144	222,428441	252,50545	331,99795	389,834036	456,544799	567,570034	606,949574
3145	222,536064	252,625741	332,143519	389,997423	456,730387	567,792086	607,185073
3146	222,643705	252,746051	332,289109	390,160833	456,916	568,014167	607,420603
3147	222,751363	252,86638	332,434721	390,324266	457,101638	568,236276	607,656164
3148	222,859038	252,986728	332,580354	390,487721	457,287301	568,458415	607,891755
3149	222,96673	253,107095	332,726008	390,651199	457,47299	568,680582	608,127376
3150	223,07444	253,227481	332,871684	390,814701	457,658704	568,902779	608,363028
3151	223,182167	253,347887	333,01738	390,978225	457,844442	569,125004	608,59871
3152	223,289912	253,468311	333,163098	391,141771	458,030206	569,347258	608,834423
3153	223,397674	253,588755	333,308838	391,305341	458,215995	569,569541	609,070166
3154	223,505453	253,709217	333,454598	391,468933	458,401809	569,791854	609,305939
3155	223,613249	253,829699	333,60038	391,632549	458,587649	570,014195	609,541743
3156	223,721063	253,950199	333,746183	391,796187	458,773513	570,236565	609,777578
3157	223,828894	254,070719	333,892007	391,959847	458,959402	570,458963	610,013442
3158	223,936743	254,191258	334,037852	392,123531	459,145317	570,681391	610,249337
3159	224,044609	254,311816	334,183719	392,287237	459,331257	570,903848	610,485263
3160	224,152492	254,432393	334,329607	392,450966	459,517221	571,126333	610,721219
3161	224,260392	254,552989	334,475516	392,614718	459,703211	571,348848	610,957205
3162	224,36831	254,673603	334,621446	392,778493	459,889226	571,571391	611,193222
3163	224,476245	254,794238	334,767398	392,94229	460,075266	571,793963	611,429269
3164	224,584197	254,914891	334,913371	393,10611	460,261331	572,016564	611,665346
3165	224,692167	255,035563	335,059365	393,269953	460,447421	572,239194	611,901454
3166	224,800154	255,156254	335,20538	393,433819	460,633537	572,461853	612,137592
3167	224,908158	255,276964	335,351416	393,597707	460,819677	572,684541	612,373761
3168	225,01618	255,397693	335,497474	393,761619	461,005842	572,907258	612,60996
3169	225,124218	255,518441	335,643553	393,925553	461,192033	573,130003	612,846189

3170	225,232274	255,639209	335,789653	394,089509	461,378248	573,352777	613,082449
3171	225,340348	255,759995	335,935774	394,253489	461,564489	573,575558	613,318739
3172	225,448438	255,8808	336,081916	394,417491	461,750754	573,798413	613,555059
3173	225,556546	256,001625	336,22808	394,581516	461,937045	574,021273	613,79141
3174	225,664672	256,122468	336,374264	394,745563	462,123361	574,244163	614,027791
3175	225,772814	256,24333	336,52047	394,909634	462,309701	574,467082	614,264202
3176	225,880974	256,364212	336,666697	395,073727	462,496067	574,690029	614,500644
3177	225,989151	256,485112	336,812946	395,237842	462,682458	574,913005	614,737116
3178	226,097345	256,606031	336,959215	395,401981	462,868874	575,13601	614,973619
3179	226,205557	256,72697	337,105506	395,566142	463,055315	575,359044	615,210151
3180	226,313785	256,847927	337,251817	395,730326	463,241781	575,582107	615,446714
3181	226,422032	256,968903	337,39815	395,894533	463,428271	575,805199	615,683308
3182	226,530295	257,089899	337,544504	396,058762	463,614787	576,028319	615,919931
3183	226,638575	257,210913	337,69088	396,223014	463,801328	576,251468	616,156585
3184	226,746873	257,331946	337,837276	396,387289	463,987894	576,474646	616,393269
3185	226,855188	257,452998	337,983694	396,551586	464,174485	576,697853	616,629984
3186	226,96352	257,57407	338,130132	396,715907	464,361101	576,921088	616,866729
3187	227,07187	257,69516	338,276592	396,880249	464,547742	577,144353	617,103504
3188	227,180237	257,816269	338,423073	397,044615	464,734408	577,367646	617,340309
3189	227,288621	257,937397	338,569575	397,209003	464,921099	577,590968	617,577145
3190	227,397022	258,058544	338,716098	397,373414	465,107815	577,814319	617,814011
3191	227,50544	258,17971	338,862643	397,537848	465,294556	578,037698	618,050907
3192	227,613876	258,300895	339,009208	397,702304	465,481322	578,261106	618,287834
3193	227,722329	258,422099	339,155795	397,866783	465,668113	578,484543	618,524791
3194	227,830799	258,543322	339,302403	398,031284	465,854929	578,708009	618,761778
3195	227,939286	258,664564	339,449031	398,195809	466,04177	578,931504	618,998795
3196	228,047791	258,785825	339,595681	398,360355	466,228636	579,155027	619,235842
3197	228,156313	258,907105	339,742352	398,524925	466,415526	579,378579	619,47292
3198	228,264852	259,028403	339,889045	398,689517	466,602442	579,60216	619,710028
3199	228,373408	259,149721	340,035758	398,854132	466,789383	579,82577	619,947167
3200	228,481981	259,271058	340,182492	399,01877	466,976349	580,049408	620,184335
3201	228,590572	259,392413	340,329248	399,18343	467,163339	580,273076	620,421534
3202	228,69918	259,513787	340,476024	399,348113	467,350355	580,496771	620,658763
3203	228,807805	259,635181	340,622822	399,512818	467,537395	580,720496	620,896022
3204	228,916447	259,756593	340,769641	399,677546	467,724461	580,944249	621,133312
3205	229,025106	259,878024	340,916481	399,842297	467,911551	581,168031	621,370631
3206	229,133783	259,999474	341,063342	400,00707	468,098667	581,391842	621,607981
3207	229,242476	260,120943	341,210224	400,171866	468,285807	581,615682	621,845361
3208	229,351187	260,242431	341,357127	400,336685	468,472972	581,83955	622,082772
3209	229,459915	260,363938	341,504051	400,501526	468,660163	582,063447	622,320212
3210	229,568661	260,485464	341,650996	400,66639	468,847378	582,287373	622,557683
3211	229,677423	260,607009	341,797963	400,831276	469,034618	582,511327	622,795184
3212	229,786203	260,728572	341,94495	400,996185	469,221883	582,73531	623,032715
3213	229,895	260,850155	342,091959	401,161117	469,409173	582,959322	623,270276
3214	230,003813	260,971756	342,238988	401,326071	469,596487	583,183362	623,507868
3215	230,112645	261,093376	342,386039	401,491048	469,783827	583,407432	623,74549

3216	230,221493	261,215015	342,53311	401,656048	469,971192	583,631529	623,983141
3217	230,330358	261,336673	342,680203	401,82107	470,158581	583,855656	624,220823
3218	230,439241	261,45835	342,827317	401,986115	470,345995	584,079811	624,458536
3219	230,548141	261,580046	342,974452	402,151182	470,533435	584,303995	624,696278
3220	230,657057	261,701761	343,121608	402,316272	470,720899	584,528208	624,934051
3221	230,765991	261,823494	343,268784	402,481384	470,908388	584,752449	625,171853
3222	230,874943	261,945246	343,415982	402,646519	471,095902	584,976719	625,409686
3223	230,983911	262,067018	343,563201	402,811677	471,283441	585,201018	625,647549
3224	231,092896	262,188808	343,710441	402,976857	471,471005	585,425345	625,885442
3225	231,201899	262,310617	343,857702	403,14206	471,658593	585,649701	626,123366
3226	231,310919	262,432445	344,004984	403,307285	471,846207	585,874085	626,361319
3227	231,419955	262,554291	344,152287	403,472533	472,033845	586,098499	626,599303
3228	231,529009	262,676157	344,299612	403,637803	472,221508	586,32294	626,837316
3229	231,638081	262,798041	344,446957	403,803096	472,409196	586,547411	627,07536
3230	231,747169	262,919944	344,594323	403,968412	472,596909	586,77191	627,313434
3231	231,856274	263,041867	344,74171	404,13375	472,784647	586,996438	627,551538
3232	231,965397	263,163807	344,889118	404,299111	472,97241	587,220994	627,789672
3233	232,074536	263,285767	345,036547	404,464494	473,160197	587,445579	628,027837
3234	232,183693	263,407746	345,183997	404,6299	473,348009	587,670193	628,266031
3235	232,292867	263,529743	345,331468	404,795328	473,535847	587,894835	628,504256
3236	232,402057	263,651759	345,47896	404,960779	473,723709	588,119506	628,74251
3237	232,511265	263,773794	345,626474	405,126252	473,911595	588,344206	628,980795
3238	232,620491	263,895848	345,774008	405,291748	474,099507	588,568934	629,21911
3239	232,729733	264,017921	345,921563	405,457267	474,287444	588,79369	629,457455
3240	232,838992	264,140013	346,069139	405,622808	474,475405	589,018476	629,69583
3241	232,948268	264,262123	346,216736	405,788371	474,663391	589,24329	629,934235
3242	233,057562	264,384252	346,364354	405,953957	474,851402	589,468132	630,17267
3243	233,166872	264,5064	346,511993	406,119566	475,039438	589,693003	630,411135
3244	233,2762	264,628567	346,659653	406,285197	475,227498	589,917903	630,649631
3245	233,385545	264,750752	346,807334	406,45085	475,415584	590,142831	630,888156
3246	233,494907	264,872957	346,955036	406,616526	475,603694	590,367788	631,126711
3247	233,604285	264,99518	347,102759	406,782225	475,791829	590,592774	631,365297
3248	233,713681	265,117422	347,250502	406,947946	475,979989	590,817788	631,603912
3249	233,823094	265,239683	347,398267	407,11369	476,168174	591,04283	631,842558
3250	233,932525	265,361962	347,546053	407,279456	476,356383	591,267901	632,081234
3251	234,041972	265,48426	347,69386	407,445244	476,544617	591,493001	632,319939
3252	234,151436	265,606578	347,841687	407,611055	476,732876	591,718129	632,558675
3253	234,260917	265,728913	347,989536	407,776889	476,92116	591,943286	632,797441
3254	234,370416	265,851268	348,137405	407,942745	477,109469	592,168471	633,036237
3255	234,479931	265,973642	348,285296	408,108623	477,297802	592,393685	633,275063
3256	234,589463	266,096034	348,433207	408,274524	477,48616	592,618928	633,513919
3257	234,699013	266,218445	348,58114	408,440448	477,674543	592,844199	633,752804
3258	234,808579	266,340874	348,729093	408,606394	477,862951	593,069498	633,99172
3259	234,918163	266,463323	348,877067	408,772362	478,051383	593,294826	634,230666
3260	235,027764	266,58579	349,025062	408,938353	478,23984	593,520183	634,469642
3261	235,137381	266,708276	349,173078	409,104366	478,428322	593,745568	634,708648

3262	235,247016	266,830781	349,321115	409,270402	478,616829	593,970982	634,947684
3263	235,356668	266,953305	349,469173	409,43646	478,80536	594,196424	635,18675
3264	235,466337	267,075847	349,617252	409,602541	478,993917	594,421895	635,425846
3265	235,576022	267,198408	349,765352	409,768644	479,182497	594,647394	635,664972
3266	235,685725	267,320988	349,913472	409,93477	479,371103	594,872922	635,904128
3267	235,795445	267,443586	350,061614	410,100918	479,559734	595,098478	636,143314
3268	235,905182	267,566203	350,209776	410,267088	479,748389	595,324063	636,38253
3269	236,014936	267,688839	350,357959	410,433281	479,937069	595,549676	636,621776
3270	236,124707	267,811494	350,506163	410,599496	480,125773	595,775317	636,861052
3271	236,234495	267,934167	350,654389	410,765734	480,314503	596,000988	637,100357
3272	236,3443	268,05686	350,802635	410,931994	480,503257	596,226686	637,339693
3273	236,454122	268,17957	350,950901	411,098277	480,692035	596,452413	637,579059
3274	236,563961	268,3023	351,099189	411,264582	480,880839	596,678169	637,818455
3275	236,673816	268,425048	351,247498	411,430909	481,069667	596,903953	638,05788
3276	236,783689	268,547815	351,395827	411,597259	481,25852	597,129766	638,297336
3277	236,893579	268,670601	351,544178	411,763632	481,447398	597,355607	638,536821
3278	237,003486	268,793405	351,692549	411,930026	481,6363	597,581476	638,776337
3279	237,11341	268,916229	351,840941	412,096443	481,825227	597,807374	639,015882
3280	237,223351	269,03907	351,989354	412,262883	482,014179	598,033301	639,255458
3281	237,333309	269,161931	352,137788	412,429345	482,203155	598,259256	639,495063
3282	237,443284	269,28481	352,286242	412,595829	482,392156	598,485239	639,734698
3283	237,553276	269,407708	352,434718	412,762336	482,581182	598,711251	639,974364
3284	237,663285	269,530625	352,583214	412,928865	482,770233	598,937291	640,214059
3285	237,77331	269,65356	352,731732	413,095416	482,959308	599,16336	640,453784
3286	237,883353	269,776514	352,88027	413,26199	483,148408	599,389457	640,693539
3287	237,993413	269,899487	353,028829	413,428587	483,337532	599,615582	640,933323
3288	238,10349	270,022478	353,177408	413,595205	483,526681	599,841736	641,173138
3289	238,213584	270,145488	353,326009	413,761846	483,715855	600,067919	641,412983
3290	238,323694	270,268517	353,47463	413,92851	483,905054	600,29413	641,652857
3291	238,433822	270,391564	353,623273	414,095195	484,094277	600,520369	641,892762
3292	238,543966	270,51463	353,771936	414,261904	484,283525	600,746636	642,132696
3293	238,654128	270,637715	353,92062	414,428634	484,472797	600,972932	642,37266
3294	238,764306	270,760818	354,069325	414,595387	484,662094	601,199257	642,612654
3295	238,874502	270,88394	354,21805	414,762162	484,851416	601,42561	642,852678
3296	238,984714	271,007081	354,366797	414,92896	485,040762	601,651991	643,092732
3297	239,094944	271,13024	354,515564	415,09578	485,230134	601,878401	643,332816
3298	239,20519	271,253418	354,664352	415,262622	485,419529	602,104839	643,57293
3299	239,315453	271,376615	354,813161	415,429487	485,60895	602,331305	643,813073
3300	239,425733	271,49983	354,96199	415,596374	485,798395	602,5578	644,053246
3301	239,53603	271,623064	355,110841	415,763283	485,987864	602,784323	644,29345
3302	239,646344	271,746317	355,259712	415,930214	486,177358	603,010875	644,533683
3303	239,756675	271,869588	355,408604	416,097168	486,366877	603,237455	644,773945
3304	239,867023	271,992878	355,557517	416,264145	486,556421	603,464063	645,014238
3305	239,977388	272,116186	355,706451	416,431143	486,745989	603,6907	645,254561
3306	240,08777	272,239513	355,855405	416,598164	486,935582	603,917365	645,494913
3307	240,198168	272,362859	356,00438	416,765208	487,125199	604,144058	645,735295

3308	240,308584	272,486224	356,153376	416,932273	487,314841	604,37078	645,975708
3309	240,419016	272,609606	356,302393	417,099361	487,504507	604,59753	646,216149
3310	240,529466	272,733008	356,451431	417,266472	487,694198	604,824309	646,456621
3311	240,639932	272,856428	356,600489	417,433604	487,883914	605,051116	646,697123
3312	240,750415	272,979867	356,749568	417,600759	488,073654	605,277951	646,937654
3313	240,860915	273,103324	356,898668	417,767936	488,263419	605,504814	647,178215
3314	240,971432	273,226801	357,047789	417,935136	488,453209	605,731706	647,418806
3315	241,081966	273,350295	357,19693	418,102357	488,643023	605,958627	647,659427
3316	241,192517	273,473808	357,346092	418,269601	488,832862	606,185575	647,900078
3317	241,303085	273,59734	357,495275	418,436868	489,022725	606,412552	648,140758
3318	241,413669	273,720891	357,644479	418,604156	489,212613	606,639557	648,381468
3319	241,524271	273,84446	357,793703	418,771467	489,402525	606,866591	648,622208
3320	241,634889	273,968047	357,942948	418,938801	489,592462	607,093652	648,862978
3321	241,745524	274,091653	358,092214	419,106156	489,782423	607,320743	649,103778
3322	241,856176	274,215278	358,241501	419,273534	489,97241	607,547861	649,344607
3323	241,966845	274,338922	358,390808	419,440934	490,16242	607,775008	649,585466
3324	242,077531	274,462583	358,540136	419,608356	490,352455	608,002183	649,826355
3325	242,188234	274,586264	358,689485	419,775801	490,542515	608,229386	650,067274
3326	242,298954	274,709963	358,838855	419,943268	490,732599	608,456618	650,308222
3327	242,40969	274,833681	358,988245	420,110757	490,922708	608,683878	650,5492
3328	242,520443	274,957417	359,137656	420,278268	491,112842	608,911166	650,790208
3329	242,631214	275,081172	359,287088	420,445802	491,303	609,138482	651,031246
3330	242,742001	275,204945	359,43654	420,613358	491,493182	609,365827	651,272313
3331	242,852805	275,328737	359,586014	420,780936	491,683389	609,5932	651,513411
3332	242,963625	275,452547	359,735508	420,948537	491,873621	609,820601	651,754538
3333	243,074463	275,576376	359,885022	421,116159	492,063877	610,048031	651,995694
3334	243,185318	275,700224	360,034558	421,283804	492,254157	610,275489	652,236881
3335	243,296189	275,82409	360,184114	421,451471	492,444462	610,502975	652,478097
3336	243,407077	275,947975	360,33369	421,619161	492,634792	610,730489	652,719343
3337	243,517982	276,071878	360,483288	421,786872	492,825146	610,958032	652,960618
3338	243,628904	276,1958	360,632906	421,954606	493,015525	611,185603	653,201924
3339	243,739843	276,31974	360,782545	422,122362	493,205928	611,413202	653,443259
3340	243,850798	276,443699	360,932204	422,290141	493,396355	611,640829	653,684624
3341	243,96177	276,567676	361,081885	422,457941	493,586808	611,868485	653,926018
3342	244,07276	276,691672	361,231586	422,625764	493,777284	612,096169	654,167442
3343	244,183766	276,815686	361,381307	422,793609	493,967785	612,323881	654,408896
3344	244,294788	276,939719	361,531049	422,961476	494,158311	612,551621	654,65038
3345	244,405828	277,063771	361,680812	423,129365	494,348861	612,77939	654,891893
3346	244,516885	277,187841	361,830596	423,297277	494,539436	613,007187	655,133436
3347	244,627958	277,311929	361,9804	423,465211	494,730035	613,235012	655,375009
3348	244,739048	277,436036	362,130225	423,633167	494,920658	613,462865	655,616611
3349	244,850155	277,560161	362,280071	423,801145	495,111307	613,690746	655,858243
3350	244,961279	277,684305	362,429937	423,969145	495,301979	613,918656	656,099905
3351	245,072419	277,808468	362,579824	424,137168	495,492676	614,146594	656,341596
3352	245,183576	277,932649	362,729732	424,305213	495,683397	614,37456	656,583317
3353	245,29475	278,056848	362,87966	424,47328	495,874143	614,602554	656,825068

3354	245,405941	278,181066	363,029609	424,641369	496,064914	614,830576	657,066848
3355	245,517149	278,305303	363,179578	424,80948	496,255709	615,058627	657,308658
3356	245,628374	278,429558	363,329569	424,977614	496,446528	615,286706	657,550498
3357	245,739615	278,553831	363,479579	425,145769	496,637372	615,514813	657,792367
3358	245,850873	278,678123	363,629611	425,313947	496,82824	615,742948	658,034266
3359	245,962148	278,802434	363,779663	425,482147	497,019133	615,971111	658,276195
3360	246,07344	278,926762	363,929736	425,65037	497,21005	616,199303	658,518153
3361	246,184748	279,05111	364,079829	425,818614	497,400991	616,427523	658,760141
3362	246,296073	279,175476	364,229943	425,98688	497,591957	616,655771	659,002159
3363	246,407415	279,29986	364,380078	426,155169	497,782948	616,884047	659,244206
3364	246,518774	279,424263	364,530233	426,32348	497,973962	617,112351	659,486283
3365	246,630149	279,548684	364,680409	426,491813	498,165002	617,340683	659,728389
3366	246,741542	279,673124	364,830605	426,660168	498,356065	617,569044	659,970525
3367	246,852951	279,797582	364,980823	426,828545	498,547153	617,797432	660,212691
3368	246,964377	279,922058	365,13106	426,996945	498,738266	618,025849	660,454886
3369	247,075819	280,046553	365,281319	427,165366	498,929403	618,254294	660,697111
3370	247,187279	280,171067	365,431598	427,33381	499,120564	618,482767	660,939366
3371	247,298755	280,295599	365,581897	427,502276	499,31175	618,711268	661,18165
3372	247,410248	280,420149	365,732217	427,670764	499,50296	618,939798	661,423963
3373	247,521757	280,544718	365,882558	427,839274	499,694195	619,168355	661,666307
3374	247,633284	280,669306	366,032919	428,007806	499,885454	619,396941	661,908679
3375	247,744827	280,793911	366,183301	428,176361	500,076737	619,625555	662,151082
3376	247,856386	280,918535	366,333704	428,344937	500,268045	619,854197	662,393514
3377	247,967963	281,043178	366,484127	428,513536	500,459377	620,082866	662,635976
3378	248,079556	281,167839	366,634571	428,682156	500,650733	620,311565	662,878467
3379	248,191166	281,292519	366,785035	428,850799	500,842114	620,540291	663,120988
3380	248,302793	281,417216	366,93552	429,019464	501,03352	620,769045	663,363538
3381	248,414437	281,541933	367,086025	429,188151	501,224949	620,997828	663,606118
3382	248,526097	281,666667	367,236551	429,35686	501,416403	621,226638	663,848727
3383	248,637774	281,791421	367,387098	429,525592	501,607882	621,455477	664,091366
3384	248,749468	281,916192	367,537665	429,694345	501,799384	621,684343	664,334035
3385	248,861178	282,040982	367,688253	429,86312	501,990911	621,913238	664,576733
3386	248,972905	282,16579	367,838861	430,031918	502,182463	622,142161	664,819461
3387	249,084649	282,290617	367,98949	430,200738	502,374039	622,371112	665,062218
3388	249,19641	282,415462	368,140139	430,369579	502,565639	622,600091	665,305005
3389	249,308187	282,540326	368,290809	430,538443	502,757264	622,829098	665,547821
3390	249,419981	282,665208	368,441499	430,707329	502,948913	623,058133	665,790667
3391	249,531792	282,790108	368,59221	430,876237	503,140586	623,287196	666,033542
3392	249,643619	282,915027	368,742942	431,045167	503,332283	623,516288	666,276447
3393	249,755463	283,039964	368,893694	431,214119	503,524005	623,745407	666,519382
3394	249,867324	283,16492	369,044467	431,383093	503,715752	623,974555	666,762346
3395	249,979201	283,289894	369,19526	431,552089	503,907522	624,20373	667,005339
3396	250,091095	283,414886	369,346073	431,721108	504,099317	624,432934	667,248362
3397	250,203006	283,539896	369,496908	431,890148	504,291136	624,662165	667,491414
3398	250,314934	283,664926	369,647762	432,05921	504,48298	624,891425	667,734496
3399	250,426878	283,789973	369,798638	432,228295	504,674848	625,120712	667,977608

3400	250,538839	283,915039	369,949534	432,397401	504,86674	625,350028	668,220749
3401	250,650817	284,040123	370,10045	432,56653	505,058657	625,579372	668,463919
3402	250,762811	284,165225	370,251387	432,73568	505,250597	625,808744	668,707119
3403	250,874822	284,290346	370,402344	432,904853	505,442563	626,038143	668,950349
3404	250,986849	284,415485	370,553322	433,074048	505,634552	626,267571	669,193608
3405	251,098894	284,540643	370,70432	433,243264	505,826566	626,497027	669,436896
3406	251,210955	284,665819	370,855339	433,412503	506,018604	626,726511	669,680214
3407	251,323032	284,791013	371,006379	433,581764	506,210666	626,956023	669,923561
3408	251,435127	284,916226	371,157438	433,751047	506,402753	627,185563	670,166938
3409	251,547238	285,041457	371,308519	433,920352	506,594864	627,415131	670,410344
3410	251,659365	285,166706	371,45962	434,089678	506,786999	627,644726	670,65378
3411	251,771509	285,291974	371,610741	434,259027	506,979159	627,87435	670,897245
3412	251,88367	285,41726	371,761883	434,428398	507,171342	628,104002	671,14074
3413	251,995848	285,542564	371,913045	434,597791	507,363551	628,333682	671,384264
3414	252,108042	285,667887	372,064228	434,767206	507,555783	628,56339	671,627818
3415	252,220253	285,793228	372,215431	434,936643	507,748039	628,793126	671,871401
3416	252,33248	285,918587	372,366655	435,106102	507,94032	629,02289	672,115013
3417	252,444725	286,043965	372,517899	435,275583	508,132626	629,252681	672,358655
3418	252,556985	286,169361	372,669164	435,445086	508,324955	629,482501	672,602326
3419	252,669263	286,294775	372,820449	435,614611	508,517309	629,712349	672,846027
3420	252,781557	286,420208	372,971755	435,784158	508,709687	629,942225	673,089757
3421	252,893868	286,545659	373,123081	435,953726	508,902089	630,172128	673,333517
3422	253,006195	286,671128	373,274428	436,123317	509,094515	630,40206	673,577306
3423	253,118539	286,796615	373,425795	436,29293	509,286966	630,63202	673,821124
3424	253,230899	286,922121	373,577182	436,462565	509,479441	630,862007	674,064972
3425	253,343277	287,047645	373,72859	436,632222	509,67194	631,092023	674,308849
3426	253,45567	287,173188	373,880018	436,801901	509,864463	631,322066	674,552756
3427	253,568081	287,298749	374,031467	436,971602	510,057011	631,552138	674,796692
3428	253,680508	287,424328	374,182936	437,141324	510,249583	631,782237	675,040658
3429	253,792951	287,549925	374,334426	437,311069	510,442179	632,012364	675,284652
3430	253,905412	287,675541	374,485936	437,480836	510,634799	632,242519	675,528677
3431	254,017888	287,801174	374,637467	437,650624	510,827444	632,472702	675,77273
3432	254,130382	287,926827	374,789018	437,820435	511,020113	632,702914	676,016813
3433	254,242892	288,052497	374,940589	437,990268	511,212806	632,933153	676,260926
3434	254,355419	288,178186	375,092181	438,160122	511,405523	633,163419	676,505067
3435	254,467962	288,303893	375,243794	438,329999	511,598264	633,393714	676,749239
3436	254,580522	288,429618	375,395426	438,499897	511,79103	633,624037	676,993439
3437	254,693098	288,555362	375,54708	438,669817	511,98382	633,854388	677,237669
3438	254,805691	288,681124	375,698753	438,83976	512,176634	634,084766	677,481928
3439	254,918301	288,806904	375,850447	439,009724	512,369472	634,315173	677,726217
3440	255,030927	288,932702	376,002161	439,17971	512,562335	634,545607	677,970535
3441	255,14357	289,058519	376,153896	439,349718	512,755221	634,776069	678,214882
3442	255,256229	289,184354	376,305651	439,519748	512,948132	635,00656	678,459259
3443	255,368905	289,310207	376,457427	439,6898	513,141067	635,237078	678,703665
3444	255,481598	289,436078	376,609223	439,859874	513,334026	635,467624	678,9481
3445	255,594307	289,561968	376,761039	440,02997	513,527009	635,698197	679,192565

3446	255,707032	289,687876	376,912876	440,200088	513,720017	635,928799	679,437059
3447	255,819775	289,813802	377,064733	440,370228	513,913049	636,159429	679,681582
3448	255,932533	289,939746	377,216611	440,540389	514,106105	636,390086	679,926135
3449	256,045309	290,065709	377,368509	440,710573	514,299185	636,620772	680,170717
3450	256,158101	290,191689	377,520427	440,880778	514,492289	636,851485	680,415328
3451	256,270909	290,317689	377,672366	441,051005	514,685417	637,082226	680,659968
3452	256,383734	290,443706	377,824325	441,221255	514,87857	637,312995	680,904638
3453	256,496576	290,569741	377,976305	441,391526	515,071746	637,543792	681,149338
3454	256,609434	290,695795	378,128304	441,561819	515,264947	637,774616	681,394066
3455	256,722308	290,821867	378,280325	441,732134	515,458172	638,005469	681,638824
3456	256,8352	290,947957	378,432365	441,90247	515,651421	638,236349	681,883611
3457	256,948107	291,074066	378,584426	442,072829	515,844695	638,467257	682,128428
3458	257,061032	291,200192	378,736508	442,24321	516,037992	638,698193	682,373273
3459	257,173972	291,326337	378,888609	442,413612	516,231314	638,929157	682,618148
3460	257,28693	291,4525	379,040731	442,584037	516,424659	639,160149	682,863053
3461	257,399904	291,578681	379,192874	442,754483	516,618029	639,391168	683,107986
3462	257,512894	291,704881	379,345036	442,924951	516,811423	639,622216	683,352949
3463	257,625901	291,831099	379,497219	443,095441	517,004841	639,853291	683,597941
3464	257,738925	291,957334	379,649423	443,265953	517,198284	640,084394	683,842963
3465	257,851965	292,083588	379,801647	443,436486	517,39175	640,315524	684,088013
3466	257,965021	292,209861	379,953891	443,607042	517,58524	640,546683	684,333093
3467	258,078094	292,336151	380,106155	443,777619	517,778755	640,77787	684,578202
3468	258,191184	292,46246	380,25844	443,948219	517,972294	641,009084	684,823341
3469	258,30429	292,588787	380,410745	444,11884	518,165856	641,240326	685,068509
3470	258,417412	292,715132	380,56307	444,289483	518,359443	641,471596	685,313706
3471	258,530552	292,841495	380,715416	444,460148	518,553054	641,702893	685,558932
3472	258,643707	292,967876	380,867782	444,630834	518,746689	641,934219	685,804187
3473	258,756879	293,094276	381,020169	444,801543	518,940349	642,165572	686,049472
3474	258,870068	293,220693	381,172575	444,972273	519,134032	642,396953	686,294786
3475	258,983273	293,347129	381,325003	445,143025	519,327739	642,628362	686,540129
3476	259,096495	293,473583	381,47745	445,313799	519,521471	642,859798	686,785501
3477	259,209733	293,600056	381,629918	445,484595	519,715226	643,091263	687,030903
3478	259,322987	293,726546	381,782406	445,655413	519,909006	643,322755	687,276334
3479	259,436258	293,853054	381,934914	445,826253	520,10281	643,554275	687,521794
3480	259,549546	293,979581	382,087442	445,997114	520,296637	643,785822	687,767283
3481	259,66285	294,106126	382,239991	446,167997	520,490489	644,017398	688,012802
3482	259,776171	294,232689	382,39256	446,338902	520,684365	644,249001	688,258349
3483	259,889508	294,35927	382,54515	446,509829	520,878265	644,480632	688,503926
3484	260,002861	294,485869	382,69776	446,680778	521,072189	644,71229	688,749532
3485	260,116231	294,612487	382,85039	446,851748	521,266137	644,943977	688,995168
3486	260,229617	294,739122	383,00304	447,02274	521,460109	645,175691	689,240832
3487	260,34302	294,865776	383,155711	447,193754	521,654106	645,407433	689,486526
3488	260,45644	294,992448	383,308402	447,36479	521,848126	645,639203	689,732249
3489	260,569876	295,119138	383,461113	447,535848	522,04217	645,871	689,978001
3490	260,683328	295,245846	383,613844	447,706927	522,236239	646,102825	690,223782
3491	260,796797	295,372572	383,766596	447,878029	522,430331	646,334678	690,469592

3492	260,910282	295,499317	383,919368	448,049152	522,624447	646,566559	690,715432
3493	261,023784	295,626079	384,07216	448,220296	522,818588	646,798467	690,961301
3494	261,137302	295,75286	384,224973	448,391463	523,012752	647,030403	691,207199
3495	261,250836	295,879659	384,377805	448,562651	523,206941	647,262367	691,453126
3496	261,364387	296,006476	384,530658	448,733862	523,401153	647,494358	691,699082
3497	261,477955	296,13331	384,683532	448,905094	523,59539	647,726377	691,945067
3498	261,591539	296,260164	384,836425	449,076347	523,789651	647,958424	692,191082
3499	261,705139	296,387035	384,989339	449,247623	523,983935	648,190499	692,437125
3500	261,818756	296,513924	385,142273	449,41892	524,178244	648,422601	692,683198
3501	261,932389	296,640831	385,295227	449,590239	524,372577	648,654731	692,9293
3502	262,046039	296,767757	385,448202	449,76158	524,566933	648,886889	693,175431
3503	262,159705	296,894701	385,601197	449,932943	524,761314	649,119074	693,421592
3504	262,273388	297,021662	385,754212	450,104327	524,955719	649,351287	693,667781
3505	262,387087	297,148642	385,907247	450,275733	525,150147	649,583528	693,914
3506	262,500802	297,27564	386,060302	450,447161	525,3446	649,815796	694,160247
3507	262,614534	297,402656	386,213378	450,61861	525,539077	650,048092	694,406524
3508	262,728282	297,52969	386,366474	450,790082	525,733577	650,280416	694,65283
3509	262,842047	297,656742	386,51959	450,961575	525,928102	650,512768	694,899165
3510	262,955828	297,783812	386,672727	451,13309	526,122651	650,745147	695,145529
3511	263,069625	297,9109	386,825883	451,304626	526,317223	650,977553	695,391922
3512	263,183439	298,038007	386,97906	451,476184	526,51182	651,209988	695,638344
3513	263,29727	298,165131	387,132257	451,647764	526,70644	651,44245	695,884796
3514	263,411116	298,292274	387,285474	451,819366	526,901085	651,67494	696,131276
3515	263,524979	298,419434	387,438712	451,99099	527,095754	651,907457	696,377786
3516	263,638859	298,546613	387,591969	452,162635	527,290446	652,140002	696,624325
3517	263,752755	298,67381	387,745247	452,334302	527,485162	652,372575	696,870893
3518	263,866667	298,801024	387,898545	452,50599	527,679903	652,605175	697,117489
3519	263,980596	298,928257	388,051864	452,677701	527,874667	652,837803	697,364115
3520	264,094541	299,055508	388,205202	452,849433	528,069456	653,070459	697,61077
3521	264,208502	299,182777	388,358561	453,021187	528,264268	653,303142	697,857454
3522	264,32248	299,310064	388,511939	453,192962	528,459104	653,535853	698,104168
3523	264,436475	299,437369	388,665339	453,364759	528,653964	653,768591	698,35091
3524	264,550485	299,564692	388,818758	453,536578	528,848848	654,001357	698,597681
3525	264,664512	299,692033	388,972197	453,708419	529,043757	654,234151	698,844482
3526	264,778556	299,819392	389,125657	453,880281	529,238689	654,466972	699,091311
3527	264,892615	299,946769	389,279136	454,052165	529,433645	654,699821	699,338169
3528	265,006692	300,074165	389,432636	454,224071	529,628624	654,932698	699,585057
3529	265,120784	300,201578	389,586156	454,395998	529,823628	655,165602	699,831974
3530	265,234893	300,329009	389,739697	454,567947	530,018656	655,398534	700,078919
3531	265,349018	300,456458	389,893257	454,739918	530,213708	655,631493	700,325894
3532	265,46316	300,583926	390,046838	454,91191	530,408783	655,86448	700,572897
3533	265,577318	300,711411	390,200438	455,083924	530,603883	656,097495	700,81993
3534	265,691492	300,838914	390,354059	455,25596	530,799006	656,330537	701,066992
3535	265,805683	300,966436	390,5077	455,428018	530,994153	656,563606	701,314083
3536	265,91989	301,093975	390,661361	455,600097	531,189325	656,796704	701,561202
3537	266,034113	301,221532	390,815043	455,772198	531,38452	657,029829	701,808351

3538	266,148353	301,349108	390,968744	455,94432	531,579739	657,262981	702,055529
3539	266,262609	301,476701	391,122466	456,116464	531,774982	657,496161	702,302736
3540	266,376882	301,604313	391,276208	456,28863	531,970249	657,729369	702,549972
3541	266,491171	301,731942	391,42997	456,460817	532,165539	657,962604	702,797237
3542	266,605476	301,859589	391,583752	456,633026	532,360854	658,195867	703,044531
3543	266,719797	301,987255	391,737554	456,805257	532,556193	658,429157	703,291853
3544	266,834135	302,114938	391,891376	456,97751	532,751555	658,662475	703,539205
3545	266,948489	302,24264	392,045219	457,149784	532,946941	658,89582	703,786586
3546	267,06286	302,370359	392,199081	457,322079	533,142351	659,129193	704,033996
3547	267,177246	302,498096	392,352964	457,494397	533,337785	659,362594	704,281435
3548	267,29165	302,625852	392,506867	457,666736	533,533243	659,596022	704,528902
3549	267,406069	302,753625	392,66079	457,839096	533,728725	659,829477	704,776399
3550	267,520505	302,881416	392,814733	458,011478	533,924231	660,06296	705,023925
3551	267,634957	303,009225	392,968696	458,183882	534,11976	660,296471	705,27148
3552	267,749425	303,137053	393,122679	458,356308	534,315314	660,530009	705,519063
3553	267,86391	303,264898	393,276682	458,528755	534,510891	660,763575	705,766676
3554	267,978411	303,392761	393,430706	458,701224	534,706492	660,997168	706,014318
3555	268,092928	303,520642	393,58475	458,873714	534,902117	661,230789	706,261988
3556	268,207462	303,648541	393,738813	459,046226	535,097766	661,464437	706,509688
3557	268,322012	303,776458	393,892897	459,218759	535,293439	661,698113	706,757416
3558	268,436578	303,904393	394,047001	459,391315	535,489135	661,931816	707,005174
3559	268,551161	304,032346	394,201125	459,563891	535,684855	662,165547	707,25296
3560	268,66576	304,160317	394,355269	459,73649	535,8806	662,399305	707,500775
3561	268,780375	304,288306	394,509433	459,90911	536,076368	662,633091	707,74862
3562	268,895006	304,416313	394,663617	460,081751	536,27216	662,866904	707,996493
3563	269,009654	304,544338	394,817822	460,254414	536,467975	663,100745	708,244395
3564	269,124318	304,67238	394,972046	460,427099	536,663815	663,334613	708,492326
3565	269,238999	304,800441	395,12629	460,599806	536,859678	663,568509	708,740286
3566	269,353695	304,92852	395,280555	460,772534	537,055565	663,802432	708,988275
3567	269,468408	305,056616	395,43484	460,945283	537,251476	664,036383	709,236293
3568	269,583137	305,184731	395,589144	461,118054	537,447411	664,270361	709,484339
3569	269,697883	305,312863	395,743469	461,290847	537,64337	664,504367	709,732415
3570	269,812644	305,441013	395,897814	461,463661	537,839352	664,7384	709,980519
3571	269,927422	305,569182	396,052179	461,636497	538,035358	664,972461	710,228653
3572	270,042217	305,697368	396,206564	461,809355	538,231388	665,206549	710,476815
3573	270,157027	305,825572	396,360969	461,982234	538,427442	665,440664	710,725006
3574	270,271854	305,953794	396,515394	462,155134	538,62352	665,674807	710,973227
3575	270,386697	306,082034	396,669839	462,328056	538,819621	665,908978	711,221476
3576	270,501556	306,210292	396,824304	462,501	539,015746	666,143176	711,469753
3577	270,616432	306,338567	396,978789	462,673965	539,211895	666,377401	711,71806
3578	270,731324	306,466861	397,133294	462,846952	539,408068	666,611654	711,966396
3579	270,846232	306,595172	397,287819	463,01996	539,604265	666,845934	712,21476
3580	270,961156	306,723502	397,442365	463,19299	539,800485	667,080242	712,463154
3581	271,076097	306,851849	397,59693	463,366042	539,996729	667,314577	712,711576
3582	271,191054	306,980215	397,751515	463,539115	540,192997	667,548939	712,960027
3583	271,306027	307,108598	397,906121	463,712209	540,389289	667,783329	713,208507

3584	271,421016	307,236999	398,060746	463,885325	540,585604	668,017747	713,457016
3585	271,536022	307,365418	398,215392	464,058463	540,781944	668,252192	713,705554
3586	271,651044	307,493854	398,370057	464,231622	540,978307	668,486664	713,95412
3587	271,766082	307,622309	398,524743	464,404803	541,174693	668,721164	714,202716
3588	271,881136	307,750782	398,679448	464,578005	541,371104	668,955691	714,45134
3589	271,996207	307,879272	398,834174	464,751229	541,567538	669,190245	714,699993
3590	272,111293	308,00778	398,988919	464,924474	541,763996	669,424827	714,948675
3591	272,226396	308,136307	399,143685	465,097741	541,960478	669,659436	715,197386
3592	272,341515	308,264851	399,29847	465,271029	542,156983	669,894073	715,446126
3593	272,456651	308,393413	399,453276	465,444339	542,353513	670,128737	715,694894
3594	272,571803	308,521993	399,608101	465,617671	542,550066	670,363429	715,943691
3595	272,68697	308,65059	399,762947	465,791023	542,746642	670,598148	716,192518
3596	272,802154	308,779206	399,917812	465,964398	542,943243	670,832894	716,441372
3597	272,917355	308,907839	400,072698	466,137794	543,139867	671,067668	716,690256
3598	273,032571	309,03649	400,227603	466,311211	543,336515	671,302469	716,939169
3599	273,147804	309,16516	400,382529	466,48465	543,533187	671,537297	717,18811
3600	273,263053	309,293846	400,537474	466,65811	543,729882	671,772153	717,43708
3601	273,378318	309,422551	400,69244	466,831592	543,926601	672,007036	717,686079
3602	273,493599	309,551274	400,847425	467,005096	544,123344	672,241947	717,935107
3603	273,608897	309,680014	401,002431	467,17862	544,320111	672,476884	718,184164
3604	273,724211	309,808773	401,157456	467,352167	544,516901	672,71185	718,433249
3605	273,839541	309,937549	401,312501	467,525735	544,713715	672,946842	718,682363
3606	273,954887	310,066343	401,467567	467,699324	544,910553	673,181862	718,931506
3607	274,070249	310,195155	401,622652	467,872935	545,107414	673,41691	719,180678
3608	274,185627	310,323985	401,777757	468,046567	545,304299	673,651984	719,429878
3609	274,301022	310,452832	401,932882	468,220221	545,501208	673,887086	719,679108
3610	274,416433	310,581697	402,088028	468,393896	545,69814	674,122216	719,928366
3611	274,53186	310,710581	402,243193	468,567593	545,895096	674,357373	720,177653
3612	274,647303	310,839482	402,398378	468,741311	546,092076	674,592557	720,426968
3613	274,762763	310,9684	402,553583	468,91505	546,28908	674,827768	720,676312
3614	274,878238	311,097337	402,708808	469,088811	546,486107	675,063007	720,925686
3615	274,99373	311,226292	402,864053	469,262594	546,683158	675,298273	721,175087
3616	275,109238	311,355264	403,019318	469,436398	546,880233	675,533566	721,424518
3617	275,224762	311,484254	403,174603	469,610223	547,077331	675,768887	721,673977
3618	275,340302	311,613262	403,329907	469,78407	547,274453	676,004235	721,923466
3619	275,455859	311,742287	403,485232	469,957938	547,471598	676,23961	722,172982
3620	275,571431	311,871331	403,640577	470,131828	547,668768	676,475013	722,422528
3621	275,68702	312,000392	403,795941	470,305739	547,865961	676,710443	722,672102
3622	275,802625	312,129471	403,951326	470,479672	548,063177	676,9459	722,921706
3623	275,918246	312,258568	404,10673	470,653626	548,260417	677,181385	723,171337
3624	276,033883	312,387683	404,262155	470,827602	548,457681	677,416897	723,420998
3625	276,149537	312,516815	404,417599	471,001599	548,654969	677,652436	723,670687
3626	276,265206	312,645966	404,573063	471,175617	548,85228	677,888002	723,920405
3627	276,380892	312,775134	404,728547	471,349657	549,049615	678,123596	724,170152
3628	276,496593	312,90432	404,884051	471,523718	549,246973	678,359217	724,419927
3629	276,612311	313,033523	405,039575	471,697801	549,444356	678,594865	724,669731

3630	276,728045	313,162745	405,195119	471,871905	549,641761	678,830541	724,919564
3631	276,843796	313,291984	405,350683	472,04603	549,839191	679,066244	725,169426
3632	276,959562	313,421241	405,506266	472,220177	550,036644	679,301974	725,419316
3633	277,075344	313,550515	405,66187	472,394345	550,234121	679,537731	725,669235
3634	277,191143	313,679808	405,817493	472,568535	550,431621	679,773516	725,919182
3635	277,306958	313,809118	405,973137	472,742746	550,629145	680,009328	726,169159
3636	277,422789	313,938446	406,1288	472,916979	550,826692	680,245167	726,419164
3637	277,538636	314,067792	406,284483	473,091233	551,024264	680,481034	726,669197
3638	277,654499	314,197155	406,440186	473,265508	551,221858	680,716927	726,91926
3639	277,770378	314,326537	406,595909	473,439805	551,419477	680,952848	727,169351
3640	277,886273	314,455936	406,751652	473,614123	551,617119	681,188796	727,419471
3641	278,002185	314,585353	406,907414	473,788462	551,814784	681,424772	727,669619
3642	278,118112	314,714787	407,063197	473,962823	552,012474	681,660775	727,919796
3643	278,234056	314,844239	407,218999	474,137205	552,210186	681,896805	728,170002
3644	278,350016	314,973709	407,374822	474,311609	552,407923	682,132862	728,420236
3645	278,465992	315,103197	407,530664	474,486034	552,605683	682,368946	728,670499
3646	278,581984	315,232703	407,686526	474,660481	552,803467	682,605058	728,920791
3647	278,697992	315,362226	407,842408	474,834948	553,001274	682,841197	729,171111
3648	278,814016	315,491767	407,998309	475,009437	553,199105	683,077363	729,42146
3649	278,930056	315,621326	408,154231	475,183948	553,396959	683,313556	729,671838
3650	279,046113	315,750902	408,310172	475,35848	553,594837	683,549777	729,922244
3651	279,162185	315,880496	408,466134	475,533033	553,792738	683,786024	730,172679
3652	279,278274	316,010108	408,622115	475,707608	553,990664	684,022299	730,423143
3653	279,394378	316,139738	408,778116	475,882204	554,188612	684,258601	730,673635
3654	279,510499	316,269385	408,934137	476,056821	554,386585	684,494931	730,924156
3655	279,626636	316,39905	409,090178	476,23146	554,58458	684,731287	731,174705
3656	279,742789	316,528733	409,246238	476,40612	554,7826	684,967671	731,425283
3657	279,858958	316,658434	409,402319	476,580801	554,980643	685,204082	731,67589
3658	279,975143	316,788152	409,558419	476,755504	555,178709	685,44052	731,926525
3659	280,091344	316,917888	409,714539	476,930228	555,376799	685,676986	732,177189
3660	280,207561	317,047641	409,870679	477,104973	555,574913	685,913478	732,427881
3661	280,323794	317,177413	410,026838	477,27974	555,77305	686,149998	732,678602
3662	280,440043	317,307202	410,183018	477,454528	555,971211	686,386545	732,929352
3663	280,556309	317,437008	410,339217	477,629337	556,169395	686,623119	733,180131
3664	280,67259	317,566833	410,495437	477,804168	556,367603	686,85972	733,430937
3665	280,788888	317,696675	410,651676	477,97902	556,565834	687,096348	733,681773
3666	280,905201	317,826535	410,807935	478,153893	556,764089	687,333004	733,932637
3667	281,021531	317,956412	410,964213	478,328788	556,962368	687,569687	734,18353
3668	281,137877	318,086307	411,120512	478,503704	557,16067	687,806397	734,434451
3669	281,254238	318,21622	411,27683	478,678641	557,358995	688,043134	734,685401
3670	281,370616	318,346151	411,433168	478,8536	557,557344	688,279898	734,936379
3671	281,48701	318,476099	411,589526	479,02858	557,755717	688,516689	735,187386
3672	281,60342	318,606065	411,745904	479,203581	557,954113	688,753508	735,438422
3673	281,719846	318,736048	411,902301	479,378604	558,152532	688,990354	735,689486
3674	281,836288	318,86605	412,058718	479,553648	558,350976	689,227226	735,940579
3675	281,952746	318,996069	412,215155	479,728713	558,549442	689,464126	736,1917

3676	282,06922	319,126105	412,371612	479,903799	558,747932	689,701053	736,44285
3677	282,18571	319,256159	412,528089	480,078907	558,946446	689,938008	736,694028
3678	282,302216	319,386231	412,684585	480,254036	559,144983	690,174989	736,945235
3679	282,418738	319,516321	412,841102	480,429187	559,343544	690,411997	737,19647
3680	282,535276	319,646428	412,997638	480,604358	559,542128	690,649033	737,447734
3681	282,65183	319,776553	413,154193	480,779551	559,740735	690,886096	737,699027
3682	282,768401	319,906695	413,310769	480,954765	559,939367	691,123186	737,950348
3683	282,884987	320,036856	413,467364	481,130001	560,138021	691,360303	738,201698
3684	283,001589	320,167033	413,62398	481,305258	560,336699	691,597447	738,453076
3685	283,118207	320,297229	413,780614	481,480536	560,535401	691,834618	738,704482
3686	283,234842	320,427442	413,937269	481,655835	560,734126	692,071816	738,955917
3687	283,351492	320,557673	414,093944	481,831155	560,932874	692,309041	739,207381
3688	283,468158	320,687921	414,250638	482,006497	561,131646	692,546294	739,458873
3689	283,584841	320,818187	414,407352	482,18186	561,330442	692,783573	739,710394
3690	283,701539	320,948471	414,564085	482,357245	561,529261	693,02088	739,961943
3691	283,818253	321,078772	414,720839	482,53265	561,728103	693,258214	740,213521
3692	283,934983	321,209091	414,877612	482,708077	561,926969	693,495575	740,465127
3693	284,05173	321,339428	415,034405	482,883525	562,125859	693,732963	740,716762
3694	284,168492	321,469782	415,191218	483,058995	562,324771	693,970378	740,968425
3695	284,28527	321,600154	415,34805	483,234485	562,523708	694,20782	741,220117
3696	284,402065	321,730543	415,504902	483,409997	562,722667	694,445289	741,471837
3697	284,518875	321,86095	415,661774	483,58553	562,921651	694,682785	741,723586
3698	284,635701	321,991375	415,818666	483,761085	563,120657	694,920308	741,975363
3699	284,752544	322,121817	415,975577	483,93666	563,319687	695,157859	742,227169
3700	284,869402	322,252277	416,132508	484,112257	563,518741	695,395436	742,479003
3701	284,986276	322,382754	416,289459	484,287875	563,717818	695,633041	742,730866
3702	285,103166	322,513249	416,44643	484,463515	563,916918	695,870672	742,982757
3703	285,220072	322,643762	416,60342	484,639175	564,116042	696,108331	743,234677
3704	285,336994	322,774292	416,76043	484,814857	564,315189	696,346016	743,486625
3705	285,453933	322,90484	416,91746	484,99056	564,51436	696,583729	743,738601
3706	285,570887	323,035406	417,074509	485,166284	564,713554	696,821469	743,990606
3707	285,687857	323,165989	417,231579	485,342029	564,912772	697,059236	744,24264
3708	285,804843	323,29659	417,388668	485,517796	565,112013	697,297029	744,494702
3709	285,921845	323,427208	417,545776	485,693584	565,311277	697,53485	744,746792
3710	286,038863	323,557844	417,702904	485,869393	565,510565	697,772698	744,998911
3711	286,155897	323,688497	417,860053	486,045223	565,709876	698,010573	745,251058
3712	286,272947	323,819168	418,01722	486,221075	565,909211	698,248475	745,503234
3713	286,390012	323,949857	418,174408	486,396947	566,108569	698,486404	745,755438
3714	286,507094	324,080563	418,331615	486,572841	566,30795	698,72436	746,00767
3715	286,624192	324,211287	418,488842	486,748756	566,507355	698,962343	746,259931
3716	286,741306	324,342028	418,646088	486,924693	566,706783	699,200353	746,512221
3717	286,858435	324,472787	418,803354	487,10065	566,906235	699,43839	746,764539
3718	286,975581	324,603563	418,96064	487,276629	567,10571	699,676454	747,016885
3719	287,092742	324,734357	419,117946	487,452628	567,305208	699,914545	747,26926
3720	287,20992	324,865169	419,275271	487,62865	567,50473	700,152663	747,521663
3721	287,327113	324,995998	419,432616	487,804692	567,704275	700,390808	747,774094

3722	287,444322	325,126845	419,589981	487,980755	567,903844	700,62898	748,026554
3723	287,561548	325,257709	419,747365	488,15684	568,103436	700,867179	748,279042
3724	287,678789	325,388591	419,904769	488,332945	568,303051	701,105405	748,531559
3725	287,796046	325,51949	420,062192	488,509072	568,50269	701,343658	748,784104
3726	287,913319	325,650407	420,219636	488,68522	568,702352	701,581938	749,036678
3727	288,030608	325,781341	420,377099	488,86139	568,902037	701,820245	749,28928
3728	288,147913	325,912293	420,534581	489,03758	569,101746	702,058578	749,54191
3729	288,265234	326,043263	420,692084	489,213792	569,301478	702,296939	749,794569
3730	288,38257	326,17425	420,849606	489,390024	569,501234	702,535327	750,047256
3731	288,499923	326,305254	421,007147	489,566278	569,701012	702,773742	750,299971
3732	288,617292	326,436277	421,164708	489,742553	569,900815	703,012184	750,552715
3733	288,734676	326,567316	421,322289	489,918849	570,10064	703,250652	750,805487
3734	288,852077	326,698373	421,47989	490,095167	570,300489	703,489148	751,058288
3735	288,969493	326,829448	421,63751	490,271505	570,500362	703,727671	751,311116
3736	289,086925	326,96054	421,79515	490,447865	570,700257	703,96622	751,563974
3737	289,204373	327,09165	421,952809	490,624246	570,900176	704,204797	751,816859
3738	289,321837	327,222777	422,110489	490,800648	571,100118	704,4434	752,069773
3739	289,439317	327,353922	422,268187	490,977071	571,300084	704,682031	752,322716
3740	289,556813	327,485085	422,425906	491,153515	571,500073	704,920688	752,575687
3741	289,674324	327,616264	422,583644	491,32998	571,700085	705,159373	752,828686
3742	289,791852	327,747462	422,741401	491,506466	571,900121	705,398084	753,081713
3743	289,909396	327,878677	422,899179	491,682974	572,10018	705,636822	753,334769
3744	290,026955	328,009909	423,056976	491,859503	572,300262	705,875587	753,587853
3745	290,14453	328,141159	423,214792	492,036053	572,500368	706,114379	753,840965
3746	290,262121	328,272426	423,372628	492,212623	572,700497	706,353198	754,094106
3747	290,379728	328,403711	423,530484	492,389216	572,900649	706,592044	754,347275
3748	290,497351	328,535013	423,688359	492,565829	573,100825	706,830917	754,600472
3749	290,61499	328,666333	423,846254	492,742463	573,301023	707,069816	754,853698
3750	290,732645	328,797671	424,004169	492,919118	573,501246	707,308743	755,106952
3751	290,850315	328,929026	424,162103	493,095795	573,701491	707,547696	755,360235
3752	290,968001	329,060398	424,320057	493,272492	573,90176	707,786677	755,613545
3753	291,085704	329,191788	424,47803	493,449211	574,102052	708,025684	755,866884
3754	291,203422	329,323195	424,636023	493,625951	574,302367	708,264718	756,120251
3755	291,321156	329,45462	424,794036	493,802712	574,502706	708,503779	756,373647
3756	291,438906	329,586062	424,952068	493,979494	574,703068	708,742867	756,627071
3757	291,556671	329,717522	425,11012	494,156297	574,903453	708,981982	756,880523
3758	291,674453	329,848999	425,268191	494,333121	575,103862	709,221124	757,134004
3759	291,79225	329,980494	425,426282	494,509966	575,304293	709,460293	757,387512
3760	291,910064	330,112006	425,584393	494,686833	575,504749	709,699488	757,641049
3761	292,027893	330,243535	425,742523	494,86372	575,705227	709,938711	757,894615
3762	292,145738	330,375082	425,900673	495,040628	575,905729	710,17796	758,148208
3763	292,263599	330,506647	426,058842	495,217558	576,106253	710,417236	758,40183
3764	292,381475	330,638229	426,217031	495,394509	576,306802	710,656539	758,655481
3765	292,499368	330,769828	426,375239	495,57148	576,507373	710,895869	758,909159
3766	292,617276	330,901445	426,533467	495,748473	576,707968	711,135226	759,162866
3767	292,7352	331,03308	426,691715	495,925487	576,908586	711,374609	759,416601

3768	292,85314	331,164731	426,849982	496,102522	577,109227	711,61402	759,670364
3769	292,971096	331,296401	427,008269	496,279578	577,309891	711,853457	759,924155
3770	293,089068	331,428087	427,166575	496,456655	577,510579	712,092921	760,177975
3771	293,207056	331,559792	427,324901	496,633753	577,71129	712,332412	760,431823
3772	293,325059	331,691513	427,483246	496,810872	577,912024	712,57193	760,685699
3773	293,443078	331,823252	427,641611	496,988012	578,112782	712,811475	760,939604
3774	293,561113	331,955009	427,799996	497,165173	578,313562	713,051046	761,193537
3775	293,679164	332,086783	427,9584	497,342356	578,514366	713,290644	761,447498
3776	293,797231	332,218574	428,116823	497,519559	578,715194	713,53027	761,701487
3777	293,915313	332,350383	428,275267	497,696783	578,916044	713,769922	761,955504
3778	294,033411	332,482209	428,433729	497,874029	579,116918	714,0096	762,20955
3779	294,151525	332,614052	428,592211	498,051295	579,317814	714,249306	762,463624
3780	294,269655	332,745913	428,750713	498,228583	579,518735	714,489039	762,717726
3781	294,387801	332,877792	428,909235	498,405891	579,719678	714,728798	762,971857
3782	294,505963	333,009688	429,067775	498,583221	579,920644	714,968584	763,226015
3783	294,62414	333,141601	429,226336	498,760571	580,121634	715,208397	763,480202
3784	294,742333	333,273532	429,384916	498,937943	580,322647	715,448236	763,734417
3785	294,860542	333,40548	429,543515	499,115335	580,523683	715,688103	763,98866
3786	294,978767	333,537445	429,702134	499,292749	580,724743	715,927996	764,242932
3787	295,097007	333,669428	429,860772	499,470184	580,925825	716,167916	764,497231
3788	295,215264	333,801429	430,01943	499,647639	581,126931	716,407863	764,751559
3789	295,333536	333,933446	430,178108	499,825116	581,32806	716,647837	765,005915
3790	295,451824	334,065482	430,336805	500,002614	581,529212	716,887837	765,260299
3791	295,570127	334,197534	430,495521	500,180132	581,730388	717,127865	765,514712
3792	295,688447	334,329604	430,654257	500,357672	581,931586	717,367919	765,769152
3793	295,806782	334,461691	430,813013	500,535233	582,132808	717,608	766,023621
3794	295,925133	334,593796	430,971788	500,712814	582,334053	717,848107	766,278118
3795	296,0435	334,725918	431,130582	500,890417	582,535321	718,088242	766,532643
3796	296,161882	334,858058	431,289396	501,068041	582,736612	718,328403	766,787197
3797	296,280281	334,990215	431,44823	501,245685	582,937927	718,568591	767,041778
3798	296,398695	335,122389	431,607083	501,423351	583,139265	718,808805	767,296388
3799	296,517125	335,25458	431,765955	501,601038	583,340625	719,049047	767,551026
3800	296,635571	335,386789	431,924847	501,778745	583,54201	719,289315	767,805692
3801	296,754032	335,519016	432,083759	501,956474	583,743417	719,52961	768,060386
3802	296,872509	335,65126	432,24269	502,134223	583,944847	719,769932	768,315108
3803	296,991002	335,783521	432,40164	502,311994	584,146301	720,01028	768,569858
3804	297,109511	335,915799	432,56061	502,489786	584,347777	720,250655	768,824637
3805	297,228036	336,048095	432,719599	502,667598	584,549277	720,491057	769,079444
3806	297,346576	336,180408	432,878608	502,845432	584,7508	720,731486	769,334279
3807	297,465132	336,312739	433,037636	503,023286	584,952346	720,971941	769,589142
3808	297,583704	336,445087	433,196684	503,201161	585,153916	721,212424	769,844033
3809	297,702291	336,577452	433,355752	503,379058	585,355508	721,452932	770,098952
3810	297,820894	336,709835	433,514838	503,556975	585,557124	721,693468	770,3539
3811	297,939513	336,842235	433,673944	503,734913	585,758762	721,93403	770,608875
3812	298,058148	336,974652	433,83307	503,912873	585,960424	722,17462	770,863879
3813	298,176799	337,107087	433,992215	504,090853	586,162109	722,415235	771,118911

3814	298,295465	337,239539	434,15138	504,268854	586,363817	722,655878	771,373971
3815	298,414147	337,372008	434,310564	504,446876	586,565549	722,896547	771,629059
3816	298,532845	337,504495	434,469767	504,624919	586,767303	723,137243	771,884175
3817	298,651558	337,636999	434,62899	504,802983	586,969081	723,377966	772,139319
3818	298,770287	337,76952	434,788233	504,981068	587,170881	723,618715	772,394491
3819	298,889032	337,902059	434,947494	505,159174	587,372705	723,859491	772,649692
3820	299,007793	338,034615	435,106776	505,3373	587,574552	724,100294	772,904921
3821	299,126569	338,167188	435,266076	505,515448	587,776422	724,341123	773,160177
3822	299,245361	338,299779	435,425396	505,693617	587,978315	724,581979	773,415462
3823	299,364169	338,432387	435,584736	505,871806	588,180231	724,822862	773,670775
3824	299,482993	338,565013	435,744095	506,050017	588,382171	725,063772	773,926116
3825	299,601832	338,697655	435,903473	506,228248	588,584133	725,304708	774,181485
3826	299,720687	338,830315	436,062871	506,4065	588,786119	725,545671	774,436882
3827	299,839557	338,962993	436,222288	506,584774	588,988128	725,78666	774,692307
3828	299,958444	339,095687	436,381725	506,763068	589,190159	726,027677	774,94776
3829	300,077346	339,228399	436,541181	506,941383	589,392214	726,26872	775,203242
3830	300,196264	339,361128	436,700657	507,119719	589,594292	726,509789	775,458751
3831	300,315197	339,493875	436,860152	507,298076	589,796393	726,750885	775,714289
3832	300,434146	339,626639	437,019666	507,476454	589,998517	726,992008	775,969854
3833	300,553111	339,75942	437,1792	507,654852	590,200664	727,233158	776,225448
3834	300,672092	339,892218	437,338753	507,833272	590,402835	727,474334	776,481069
3835	300,791088	340,025034	437,498326	508,011712	590,605028	727,715537	776,736719
3836	300,9101	340,157867	437,657918	508,190174	590,807245	727,956766	776,992397
3837	301,029128	340,290718	437,817529	508,368656	591,009484	728,198023	777,248103
3838	301,148171	340,423585	437,97716	508,547159	591,211747	728,439306	777,503836
3839	301,26723	340,55647	438,13681	508,725683	591,414032	728,680615	777,759598
3840	301,386305	340,689372	438,29648	508,904228	591,616341	728,921951	778,015388
3841	301,505396	340,822292	438,456168	509,082794	591,818673	729,163314	778,271206
3842	301,624502	340,955229	438,615877	509,261381	592,021028	729,404703	778,527052
3843	301,743623	341,088183	438,775605	509,439988	592,223406	729,646119	778,782926
3844	301,862761	341,221154	438,935352	509,618617	592,425807	729,887562	779,038828
3845	301,981914	341,354143	439,095118	509,797266	592,628231	730,129031	779,294758
3846	302,101083	341,487149	439,254904	509,975936	592,830678	730,370527	779,550716
3847	302,220267	341,620172	439,414709	510,154627	593,033148	730,61205	779,806703
3848	302,339468	341,753212	439,574534	510,333339	593,235641	730,853599	780,062717
3849	302,458683	341,88627	439,734378	510,512072	593,438157	731,095174	780,318759
3850	302,577915	342,019345	439,894241	510,690826	593,640696	731,336777	780,574829
3851	302,697162	342,152437	440,054124	510,8696	593,843259	731,578406	780,830927
3852	302,816425	342,285546	440,214026	511,048396	594,045844	731,820061	781,087053
3853	302,935703	342,418673	440,373948	511,227212	594,248452	732,061744	781,343207
3854	303,054997	342,551817	440,533888	511,406049	594,451084	732,303452	781,59939
3855	303,174307	342,684978	440,693849	511,584907	594,653738	732,545188	781,8556
3856	303,293633	342,818157	440,853828	511,763786	594,856415	732,78695	782,111838
3857	303,412974	342,951353	441,013827	511,942685	595,059116	733,028738	782,368104
3858	303,532331	343,084566	441,173845	512,121606	595,261839	733,270553	782,624398
3859	303,651703	343,217796	441,333883	512,300547	595,464586	733,512395	782,88072

3860	303,771091	343,351043	441,49394	512,479509	595,667355	733,754263	783,13707
3861	303,890495	343,484308	441,654016	512,658492	595,870148	733,996158	783,393448
3862	304,009914	343,61759	441,814112	512,837496	596,072963	734,23808	783,649854
3863	304,129349	343,750889	441,974227	513,01652	596,275802	734,480028	783,906288
3864	304,248799	343,884206	442,134361	513,195566	596,478663	734,722002	784,16275
3865	304,368266	344,017539	442,294515	513,374632	596,681548	734,964004	784,41924
3866	304,487748	344,15089	442,454688	513,553719	596,884455	735,206031	784,675758
3867	304,607245	344,284258	442,61488	513,732827	597,087386	735,448086	784,932304
3868	304,726758	344,417643	442,775092	513,911956	597,290339	735,690166	785,188877
3869	304,846287	344,551046	442,935323	514,091105	597,493316	735,932274	785,445479
3870	304,965831	344,684466	443,095573	514,270276	597,696315	736,174408	785,702109
3871	305,085391	344,817903	443,255843	514,449467	597,899338	736,416568	785,958766
3872	305,204967	344,951357	443,416132	514,628679	598,102383	736,658755	786,215452
3873	305,324558	345,084828	443,57644	514,807912	598,305451	736,900969	786,472165
3874	305,444165	345,218317	443,736767	514,987165	598,508543	737,143209	786,728907
3875	305,563787	345,351823	443,897114	515,16644	598,711657	737,385476	786,985676
3876	305,683426	345,485346	444,05748	515,345735	598,914795	737,627769	787,242473
3877	305,803079	345,618886	444,217866	515,525051	599,117955	737,870089	787,499299
3878	305,922748	345,752443	444,378271	515,704388	599,321138	738,112435	787,756152
3879	306,042433	345,886018	444,538695	515,883745	599,524344	738,354808	788,013033
3880	306,162134	346,01961	444,699138	516,063124	599,727574	738,597207	788,269942
3881	306,28185	346,153219	444,859601	516,242523	599,930826	738,839633	788,526879
3882	306,401582	346,286845	445,020083	516,421943	600,134101	739,082085	788,783843
3883	306,521329	346,420488	445,180584	516,601383	600,337399	739,324564	789,040836
3884	306,641092	346,554149	445,341105	516,780845	600,54072	739,56707	789,297857
3885	306,76087	346,687827	445,501645	516,960327	600,744064	739,809601	789,554905
3886	306,880664	346,821522	445,662204	517,13983	600,947431	740,05216	789,811981
3887	307,000474	346,955234	445,822782	517,319354	601,150821	740,294745	790,069086
3888	307,120299	347,088963	445,98338	517,498899	601,354234	740,537356	790,326218
3889	307,24014	347,22271	446,143997	517,678464	601,557669	740,779994	790,583378
3890	307,359997	347,356473	446,304633	517,85805	601,761128	741,022659	790,840566
3891	307,479869	347,490254	446,465289	518,037657	601,96461	741,265349	791,097782
3892	307,599756	347,624052	446,625963	518,217284	602,168114	741,508067	791,355025
3893	307,719659	347,757867	446,786658	518,396933	602,371642	741,750811	791,612297
3894	307,839578	347,8917	446,947371	518,576602	602,575192	741,993581	791,869596
3895	307,959512	348,025549	447,108104	518,756292	602,778765	742,236378	792,126924
3896	308,079462	348,159416	447,268855	518,936003	602,982361	742,479201	792,384279
3897	308,199428	348,2933	447,429627	519,115734	603,185981	742,722051	792,641662
3898	308,319409	348,427201	447,590417	519,295486	603,389623	742,964927	792,899073
3899	308,439405	348,561119	447,751227	519,475259	603,593288	743,20783	793,156512
3900	308,559418	348,695054	447,912056	519,655053	603,796976	743,450759	793,413978
3901	308,679445	348,829007	448,072904	519,834867	604,000686	743,693715	793,671473
3902	308,799489	348,962976	448,233771	520,014702	604,20442	743,936697	793,928995
3903	308,919547	349,096963	448,394658	520,194558	604,408177	744,179705	794,186545
3904	309,039622	349,230967	448,555564	520,374434	604,611956	744,42274	794,444124
3905	309,159712	349,364988	448,716489	520,554332	604,815759	744,665802	794,701729

3906	309,279817	349,499026	448,877433	520,73425	605,019584	744,90889	794,959363
3907	309,399938	349,633081	449,038397	520,914188	605,223432	745,152004	795,217025
3908	309,520075	349,767154	449,19938	521,094148	605,427303	745,395145	795,474714
3909	309,640227	349,901243	449,360382	521,274128	605,631197	745,638312	795,732431
3910	309,760395	350,03535	449,521403	521,454129	605,835114	745,881506	795,990176
3911	309,880578	350,169474	449,682444	521,63415	606,039054	746,124726	796,247949
3912	310,000777	350,303615	449,843503	521,814193	606,243016	746,367973	796,50575
3913	310,120991	350,437773	450,004582	521,994256	606,447002	746,611246	796,763578
3914	310,241221	350,571948	450,165681	522,174339	606,65101	746,854545	797,021435
3915	310,361466	350,706141	450,326798	522,354444	606,855041	747,097871	797,279319
3916	310,481727	350,84035	450,487935	522,534569	607,059095	747,341223	797,537231
3917	310,602003	350,974577	450,649091	522,714715	607,263172	747,584602	797,79517
3918	310,722295	351,10882	450,810266	522,894881	607,467272	747,828007	798,053138
3919	310,842603	351,243081	450,97146	523,075069	607,671395	748,071438	798,311133
3920	310,962926	351,377359	451,132674	523,255277	607,87554	748,314896	798,569156
3921	311,083264	351,511654	451,293906	523,435505	608,079709	748,55838	798,827207
3922	311,203618	351,645966	451,455158	523,615754	608,2839	748,801891	799,085286
3923	311,323988	351,780295	451,616429	523,796024	608,488114	749,045428	799,343392
3924	311,444373	351,914641	451,77772	523,976315	608,692351	749,288992	799,601527
3925	311,564773	352,049005	451,939029	524,156626	608,896611	749,532582	799,859689
3926	311,68519	352,183385	452,100358	524,336958	609,100893	749,776198	800,117879
3927	311,805621	352,317783	452,261706	524,517311	609,305199	750,01984	800,376096
3928	311,926068	352,452198	452,423073	524,697685	609,509527	750,26351	800,634342
3929	312,046531	352,586629	452,584459	524,878079	609,713878	750,507205	800,892615
3930	312,167009	352,721078	452,745865	525,058493	609,918252	750,750927	801,150916
3931	312,287503	352,855544	452,907289	525,238929	610,122649	750,994675	801,409244
3932	312,408012	352,990027	453,068733	525,419385	610,327069	751,23845	801,667601
3933	312,528536	353,124527	453,230196	525,599861	610,531511	751,48225	801,925985
3934	312,649076	353,259045	453,391678	525,780359	610,735976	751,726078	802,184397
3935	312,769632	353,393579	453,55318	525,960877	610,940465	751,969931	802,442837
3936	312,890203	353,52813	453,7147	526,141415	611,144975	752,213811	802,701304
3937	313,01079	353,662699	453,87624	526,321975	611,349509	752,457718	802,959799
3938	313,131392	353,797284	454,037799	526,502555	611,554066	752,701651	803,218322
3939	313,252009	353,931887	454,199377	526,683155	611,758645	752,94561	803,476873
3940	313,372642	354,066506	454,360974	526,863777	611,963247	753,189595	803,735451
3941	313,493291	354,201143	454,52259	527,044419	612,167872	753,433607	803,994057
3942	313,613955	354,335797	454,684226	527,225081	612,37252	753,677645	804,252691
3943	313,734634	354,470467	454,84588	527,405764	612,577191	753,92171	804,511353
3944	313,855329	354,605155	455,007554	527,586468	612,781884	754,1658	804,770042
3945	313,97604	354,73986	455,169247	527,767193	612,9866	754,409918	805,028759
3946	314,096766	354,874582	455,330959	527,947938	613,191339	754,654061	805,287504
3947	314,217507	355,009321	455,49269	528,128703	613,396101	754,898231	805,546277
3948	314,338264	355,144077	455,654441	528,30949	613,600885	755,142427	805,805077
3949	314,459036	355,27885	455,81621	528,490297	613,805693	755,38665	806,063905
3950	314,579824	355,413641	455,977999	528,671124	614,010523	755,630898	806,32276
3951	314,700627	355,548448	456,139807	528,851972	614,215376	755,875173	806,581644

3952	314,821446	355,683272	456,301634	529,032841	614,420251	756,119475	806,840555
3953	314,942228	355,818113	456,46348	529,213731	614,62515	756,363803	807,099493
3954	315,06313	355,952972	456,625345	529,394641	614,830071	756,608157	807,35846
3955	315,183995	356,087847	456,78723	529,575571	615,035015	756,852537	807,617454
3956	315,304875	356,222739	456,949133	529,756523	615,239981	757,096944	807,876476
3957	315,425771	356,357649	457,111056	529,937495	615,444971	757,341377	808,135525
3958	315,546682	356,492575	457,272997	530,118487	615,649983	757,585836	808,394602
3959	315,667609	356,627519	457,434958	530,2995	615,855018	757,830322	808,653707
3960	315,788552	356,762479	457,596938	530,480534	616,060076	758,074834	808,91284
3961	315,909509	356,897457	457,758937	530,661588	616,265157	758,319372	809,172
3962	316,030482	357,032451	457,920955	530,842663	616,47026	758,563936	809,431188
3963	316,151471	357,167463	458,082993	531,023758	616,675386	758,808527	809,690403
3964	316,272475	357,302491	458,245049	531,204874	616,880535	759,053144	809,949646
3965	316,393495	357,437537	458,407125	531,386011	617,085706	759,297787	810,208917
3966	316,51453	357,572599	458,569219	531,567168	617,2909	759,542457	810,468216
3967	316,63558	357,707679	458,731333	531,748346	617,496117	759,787153	810,727542
3968	316,756646	357,842775	458,893466	531,929544	617,701357	760,031875	810,986896
3969	316,877727	357,977889	459,055618	532,110763	617,90662	760,276623	811,246277
3970	316,998823	358,11302	459,217789	532,292003	618,111905	760,521398	811,505686
3971	317,119935	358,248167	459,379979	532,473263	618,317213	760,766199	811,765123
3972	317,241063	358,383332	459,542188	532,654544	618,522543	761,011026	812,024587
3973	317,362206	358,518513	459,704416	532,835845	618,727897	761,255879	812,284079
3974	317,483364	358,653712	459,866664	533,017167	618,933273	761,500759	812,543599
3975	317,604538	358,788927	460,02893	533,198509	619,138672	761,745665	812,803146
3976	317,725727	358,92416	460,191215	533,379872	619,344093	761,990597	813,062721
3977	317,846931	359,059409	460,35352	533,561256	619,549537	762,235556	813,322324
3978	317,968151	359,194676	460,515844	533,74266	619,755004	762,48054	813,581954
3979	318,089387	359,329959	460,678186	533,924084	619,960494	762,725551	813,841612
3980	318,210637	359,46526	460,840548	534,105529	620,166006	762,970588	814,101297
3981	318,331904	359,600577	461,002929	534,286995	620,371541	763,215652	814,36101
3982	318,453185	359,735912	461,165329	534,468481	620,577099	763,460741	814,620751
3983	318,574482	359,871263	461,327748	534,649988	620,78268	763,705857	814,880519
3984	318,695794	360,006632	461,490186	534,831515	620,988283	763,950999	815,140315
3985	318,817122	360,142017	461,652643	535,013063	621,193909	764,196168	815,400138
3986	318,938465	360,277419	461,81512	535,194632	621,399557	764,441362	815,65999
3987	319,059824	360,412838	461,977615	535,376221	621,605229	764,686583	815,919868
3988	319,181198	360,548275	462,140129	535,55783	621,810922	764,93183	816,179774
3989	319,302587	360,683728	462,302663	535,73946	622,016639	765,177103	816,439708
3990	319,423992	360,819198	462,465215	535,921111	622,222378	765,422403	816,69967
3991	319,545412	360,954685	462,627787	536,102782	622,42814	765,667728	816,959659
3992	319,666847	361,090189	462,790377	536,284473	622,633925	765,91308	817,219675
3993	319,788298	361,22571	462,952987	536,466185	622,839732	766,158458	817,47972
3994	319,909764	361,361248	463,115615	536,647918	623,045562	766,403862	817,739791
3995	320,031246	361,496803	463,278263	536,829671	623,251415	766,649293	817,999891
3996	320,152743	361,632375	463,440929	537,011445	623,45729	766,894749	818,260018
3997	320,274255	361,767964	463,603615	537,193239	623,663188	767,140232	818,520172

3998	320,395783	361,90357	463,76632	537,375054	623,869109	767,385741	818,780354
3999	320,517326	362,039192	463,929044	537,556889	624,075052	767,631276	819,040564
4000	320,638884	362,174832	464,091786	537,738744	624,281018	767,876837	819,300801
4001	320,760458	362,310488	464,254548	537,920621	624,487007	768,122425	819,561066
4002	320,882047	362,446162	464,417329	538,102517	624,693018	768,368039	819,821358
4003	321,003652	362,581852	464,580129	538,284434	624,899052	768,613678	820,081678
4004	321,125272	362,71756	464,742948	538,466372	625,105109	768,859344	820,342025
4005	321,246907	362,853284	464,905786	538,64833	625,311188	769,105037	820,6024
4006	321,368557	362,989025	465,068643	538,830309	625,51729	769,350755	820,862802
4007	321,490223	363,124783	465,231519	539,012308	625,723414	769,5965	821,123232
4008	321,611905	363,260558	465,394414	539,194328	625,929561	769,84227	821,38369
4009	321,733601	363,39635	465,557328	539,376368	626,135731	770,088067	821,644175
4010	321,855313	363,532159	465,72026	539,558429	626,341923	770,33389	821,904688
4011	321,97704	363,667985	465,883212	539,74051	626,548138	770,579739	822,165228
4012	322,098783	363,803828	466,046183	539,922611	626,754376	770,825615	822,425795
4013	322,220541	363,939687	466,209173	540,104733	626,960636	771,071516	822,68639
4014	322,342314	364,075564	466,372182	540,286876	627,166919	771,317444	822,947013
4015	322,464103	364,211457	466,53521	540,469039	627,373225	771,563397	823,207663
4016	322,585907	364,347367	466,698257	540,651222	627,579553	771,809377	823,468341
4017	322,707726	364,483295	466,861323	540,833426	627,785904	772,055383	823,729046
4018	322,829561	364,619239	467,024408	541,01565	627,992277	772,301415	823,989779
4019	322,951411	364,7552	467,187512	541,197895	628,198673	772,547474	824,250539
4020	323,073276	364,891178	467,350635	541,380161	628,405092	772,793558	824,511327
4021	323,195157	365,027173	467,513777	541,562446	628,611533	773,039668	824,772142
4022	323,317053	365,163184	467,676937	541,744753	628,817996	773,285805	825,032985
4023	323,438964	365,299213	467,840117	541,927079	629,024483	773,531968	825,293855
4024	323,560891	365,435258	468,003316	542,109426	629,230992	773,778157	825,554753
4025	323,682833	365,571321	468,166534	542,291794	629,437523	774,024372	825,815678
4026	323,80479	365,7074	468,329771	542,474182	629,644078	774,270613	826,076631
4027	323,926763	365,843496	468,493026	542,65659	629,850654	774,51688	826,337611
4028	324,048751	365,979609	468,656301	542,839019	630,057254	774,763173	826,598618
4029	324,170754	366,115739	468,819595	543,021469	630,263875	775,009493	826,859654
4030	324,292772	366,251886	468,982907	543,203938	630,47052	775,255838	827,120716
4031	324,414806	366,388049	469,146239	543,386429	630,677187	775,50221	827,381806
4032	324,536855	366,52423	469,309589	543,568939	630,883877	775,748607	827,642924
4033	324,65892	366,660427	469,472959	543,75147	631,090589	775,995031	827,904069
4034	324,780999	366,796642	469,636347	543,934022	631,297324	776,241481	828,165241
4035	324,903094	366,932873	469,799754	544,116594	631,504081	776,487957	828,426441
4036	325,025204	367,069121	469,963181	544,299186	631,710861	776,734459	828,687668
4037	325,14733	367,205385	470,126626	544,481799	631,917664	776,980987	828,948923
4038	325,269471	367,341667	470,29009	544,664432	632,124489	777,227541	829,210205
4039	325,391627	367,477966	470,453573	544,847085	632,331336	777,474122	829,471515
4040	325,513799	367,614281	470,617075	545,029759	632,538206	777,720728	829,732852
4041	325,635985	367,750613	470,780596	545,212454	632,745099	777,96736	829,994217
4042	325,758187	367,886962	470,944136	545,395169	632,952014	778,214019	830,255609
4043	325,880405	368,023328	471,107695	545,577904	633,158952	778,460703	830,517028

4044	326,002637	368,159711	471,271273	545,76066	633,365913	778,707414	830,778475
4045	326,124885	368,296111	471,43487	545,943436	633,572896	778,95415	831,03995
4046	326,247148	368,432527	471,598485	546,126232	633,779901	779,200913	831,301451
4047	326,369427	368,56896	471,76212	546,309049	633,986929	779,447702	831,56298
4048	326,49172	368,705411	471,925774	546,491886	634,19398	779,694517	831,824537
4049	326,614029	368,841877	472,089446	546,674744	634,401053	779,941358	832,086121
4050	326,736354	368,978361	472,253137	546,857622	634,608148	780,188224	832,347732
4051	326,858693	369,114862	472,416848	547,04052	634,815266	780,435117	832,609371
4052	326,981048	369,251379	472,580577	547,223439	635,022407	780,682036	832,871038
4053	327,103418	369,387914	472,744325	547,406378	635,22957	780,928981	833,132731
4054	327,225803	369,524465	472,908092	547,589337	635,436756	781,175952	833,394452
4055	327,348204	369,661033	473,071878	547,772317	635,643964	781,422949	833,656201
4056	327,470619	369,797617	473,235683	547,955318	635,851195	781,669972	833,917976
4057	327,59305	369,934219	473,399506	548,138338	636,058448	781,917022	834,17978
4058	327,715497	370,070837	473,563349	548,321379	636,265724	782,164097	834,44161
4059	327,837958	370,207473	473,72721	548,504441	636,473022	782,411198	834,703468
4060	327,960435	370,344125	473,891091	548,687523	636,680343	782,658325	834,965354
4061	328,082927	370,480793	474,05499	548,870625	636,887686	782,905478	835,227267
4062	328,205435	370,617479	474,218908	549,053747	637,095052	783,152657	835,489207
4063	328,327957	370,754182	474,382845	549,23689	637,302441	783,399863	835,751174
4064	328,450495	370,890901	474,546801	549,420053	637,509851	783,647094	836,013169
4065	328,573048	371,027637	474,710776	549,603237	637,717285	783,894351	836,275191
4066	328,695616	371,16439	474,87477	549,786441	637,92474	784,141634	836,537241
4067	328,8182	371,301159	475,038782	549,969665	638,132219	784,388943	836,799318
4068	328,940798	371,437946	475,202814	550,15291	638,33972	784,636279	837,061423
4069	329,063412	371,574749	475,366864	550,336175	638,547243	784,88364	837,323554
4070	329,186042	371,711569	475,530934	550,51946	638,754789	785,131027	837,585713
4071	329,308686	371,848406	475,695022	550,702766	638,962357	785,37844	837,8479
4072	329,431346	371,985259	475,859129	550,886092	639,169947	785,625879	838,110114
4073	329,554021	372,12213	476,023254	551,069438	639,377561	785,873344	838,372355
4074	329,676711	372,259017	476,187399	551,252805	639,585196	786,120836	838,634623
4075	329,799416	372,395921	476,351563	551,436192	639,792854	786,368353	838,896919
4076	329,922137	372,532842	476,515745	551,619599	640,000535	786,615896	839,159242
4077	330,044872	372,669779	476,679946	551,803027	640,208238	786,863465	839,421593
4078	330,167623	372,806733	476,844167	551,986475	640,415964	787,11106	839,683971
4079	330,29039	372,943704	477,008406	552,169943	640,623712	787,358681	839,946376
4080	330,413171	373,080692	477,172663	552,353432	640,831482	787,606328	840,208808
4081	330,535968	373,217697	477,33694	552,536941	641,039275	787,854	840,471268
4082	330,65878	373,354718	477,501236	552,72047	641,24709	788,101699	840,733755
4083	330,781607	373,491756	477,66555	552,90402	641,454928	788,349424	840,99627
4084	330,904449	373,628811	477,829883	553,08759	641,662788	788,597175	841,258812
4085	331,027306	373,765883	477,994235	553,27118	641,870671	788,844951	841,521381
4086	331,150179	373,902971	478,158606	553,454791	642,078576	789,092754	841,783977
4087	331,273067	374,040076	478,322996	553,638421	642,286504	789,340583	842,046601
4088	331,39597	374,177198	478,487405	553,822073	642,494454	789,588437	842,309252
4089	331,518888	374,314337	478,651832	554,005744	642,702426	789,836318	842,57193

4090	331,641822	374,451492	478,816278	554,189436	642,910421	790,084224	842,834636
4091	331,76477	374,588664	478,980743	554,373148	643,118439	790,332156	843,097369
4092	331,887734	374,725853	479,145227	554,55688	643,326478	790,580114	843,360129
4093	332,010713	374,863059	479,30973	554,740633	643,534541	790,828099	843,622917
4094	332,133707	375,000281	479,474252	554,924406	643,742625	791,076109	843,885732
4095	332,256717	375,13752	479,638792	555,108199	643,950732	791,324145	844,148574
4096	332,379741	375,274776	479,803351	555,292013	644,158862	791,572207	844,411443
4097	332,502781	375,412049	479,967929	555,475846	644,367014	791,820294	844,67434
4098	332,625836	375,549338	480,132526	555,6597	644,575188	792,068408	844,937264
4099	332,748906	375,686644	480,297142	555,843575	644,783385	792,316548	845,200215
4100	332,871991	375,823967	480,461776	556,027469	644,991604	792,564713	845,463193
4101	332,995092	375,961307	480,626429	556,211384	645,199845	792,812905	845,726199
4102	333,118207	376,098663	480,791101	556,395319	645,408109	793,061122	845,989232
4103	333,241338	376,236036	480,955792	556,579275	645,616396	793,309366	846,252292
4104	333,364484	376,373425	481,120502	556,763251	645,824704	793,557635	846,51538
4105	333,487645	376,510832	481,28523	556,947247	646,033036	793,80593	846,778495
4106	333,610821	376,648255	481,449977	557,131263	646,241389	794,054251	847,041637
4107	333,734013	376,785695	481,614743	557,315299	646,449765	794,302598	847,304806
4108	333,857219	376,923151	481,779528	557,499356	646,658163	794,55097	847,568003
4109	333,980441	377,060625	481,944332	557,683433	646,866584	794,799369	847,831226
4110	334,103678	377,198115	482,109154	557,867531	647,075027	795,047793	848,094478
4111	334,22693	377,335621	482,273995	558,051648	647,283493	795,296244	848,357756
4112	334,350197	377,473145	482,438855	558,235786	647,49198	795,54472	848,621061
4113	334,47348	377,610685	482,603734	558,419944	647,700491	795,793222	848,884394
4114	334,596777	377,748242	482,768632	558,604122	647,909023	796,04175	849,147754
4115	334,72009	377,885815	482,933548	558,788321	648,117578	796,290304	849,411141
4116	334,843418	378,023405	483,098483	558,972539	648,326156	796,538884	849,674556
4117	334,966761	378,161012	483,263437	559,156779	648,534755	796,787489	849,937998
4118	335,090119	378,298636	483,42841	559,341038	648,743378	797,036121	850,201466
4119	335,213492	378,436276	483,593401	559,525317	648,952022	797,284778	850,464963
4120	335,33688	378,573933	483,758411	559,709617	649,160689	797,533461	850,728486
4121	335,460284	378,711607	483,92344	559,893937	649,369378	797,78217	850,992036
4122	335,583703	378,849297	484,088488	560,078277	649,57809	798,030905	851,255614
4123	335,707136	378,987004	484,253554	560,262637	649,786824	798,279666	851,519219
4124	335,830585	379,124728	484,418639	560,447018	649,99558	798,528452	851,782851
4125	335,954049	379,262468	484,583743	560,631419	650,204358	798,777264	852,046511
4126	336,077528	379,400225	484,748866	560,81584	650,413159	799,026103	852,310197
4127	336,201023	379,537999	484,914008	561,000281	650,621983	799,274967	852,573911
4128	336,324532	379,675789	485,079168	561,184743	650,830828	799,523857	852,837652
4129	336,448057	379,813596	485,244347	561,369225	651,039696	799,772772	853,10142
4130	336,571596	379,95142	485,409544	561,553726	651,248587	800,021714	853,365215
4131	336,695151	380,08926	485,574761	561,738249	651,457499	800,270681	853,629038
4132	336,818721	380,227118	485,739996	561,922791	651,666434	800,519674	853,892888
4133	336,942306	380,364991	485,90525	562,107354	651,875392	800,768693	854,156765
4134	337,065906	380,502882	486,070523	562,291936	652,084371	801,017738	854,420669
4135	337,189521	380,640789	486,235814	562,476539	652,293373	801,266809	854,6846

4136	337,313152	380,778712	486,401124	562,661162	652,502398	801,515905	854,948558
4137	337,436797	380,916653	486,566453	562,845806	652,711444	801,765027	855,212544
4138	337,560458	381,05461	486,731801	563,030469	652,920513	802,014175	855,476557
4139	337,684133	381,192583	486,897167	563,215153	653,129605	802,263349	855,740596
4140	337,807824	381,330574	487,062552	563,399857	653,338718	802,512549	856,004663
4141	337,93153	381,468581	487,227956	563,584581	653,547854	802,761774	856,268758
4142	338,055251	381,606604	487,393378	563,769325	653,757012	803,011026	856,532879
4143	338,178987	381,744645	487,558819	563,95409	653,966193	803,260303	856,797028
4144	338,302738	381,882701	487,724279	564,138874	654,175396	803,509605	857,061203
4145	338,426504	382,020775	487,889758	564,323679	654,384621	803,758934	857,325406
4146	338,550285	382,158865	488,055255	564,508504	654,593868	804,008288	857,589636
4147	338,674082	382,296972	488,220771	564,693349	654,803138	804,257668	857,853893
4148	338,797893	382,435095	488,386306	564,878215	655,01243	804,507074	858,118177
4149	338,92172	382,573235	488,551859	565,0631	655,221744	804,756506	858,382489
4150	339,045561	382,711392	488,717432	565,248006	655,431081	805,005964	858,646827
4151	339,169418	382,849565	488,883022	565,432932	655,64044	805,255447	858,911193
4152	339,29329	382,987755	489,048632	565,617878	655,849821	805,504956	859,175586
4153	339,417177	383,125962	489,21426	565,802844	656,059225	805,754491	859,440005
4154	339,541079	383,264185	489,379907	565,98783	656,26865	806,004051	859,704452
4155	339,664996	383,402425	489,545573	566,172837	656,478098	806,253638	859,968927
4156	339,788928	383,540681	489,711257	566,357863	656,687569	806,50325	860,233428
4157	339,912875	383,678954	489,87696	566,54291	656,897061	806,752887	860,497956
4158	340,036837	383,817244	490,042682	566,727977	657,106576	807,002551	860,762512
4159	340,160815	383,95555	490,208422	566,913064	657,316113	807,25224	861,027094
4160	340,284807	384,093873	490,374181	567,098171	657,525673	807,501955	861,291704
4161	340,408814	384,232213	490,539959	567,283299	657,735254	807,751696	861,556341
4162	340,532837	384,370569	490,705755	567,468446	657,944858	808,001463	861,821004
4163	340,656874	384,508941	490,87157	567,653614	658,154484	808,251255	862,085695
4164	340,780927	384,647331	491,037404	567,838802	658,364133	808,501073	862,350413
4165	340,904995	384,785737	491,203257	568,02401	658,573804	808,750917	862,615159
4166	341,029077	384,924159	491,369128	568,209238	658,783496	809,000786	862,879931
4167	341,153175	385,062598	491,535017	568,394486	658,993212	809,250682	863,14473
4168	341,277288	385,201054	491,700926	568,579754	659,202949	809,500603	863,409556
4169	341,401416	385,339526	491,866853	568,765043	659,412709	809,750549	863,67441
4170	341,525559	385,478015	492,032799	568,950351	659,622491	810,000522	863,93929
4171	341,649716	385,61652	492,198763	569,13568	659,832295	810,25052	864,204198
4172	341,773889	385,755042	492,364746	569,321029	660,042121	810,500544	864,469133
4173	341,898077	385,893581	492,530748	569,506398	660,25197	810,750593	864,734094
4174	342,022281	386,032136	492,696768	569,691787	660,461841	811,000668	864,999083
4175	342,146499	386,170708	492,862807	569,877196	660,671734	811,250769	865,264099
4176	342,270732	386,309296	493,028865	570,062625	660,881649	811,500896	865,529142
4177	342,39498	386,447901	493,194941	570,248074	661,091587	811,751048	865,794212
4178	342,519243	386,586523	493,361036	570,433544	661,301547	812,001226	866,059309
4179	342,643521	386,725161	493,52715	570,619033	661,511529	812,25143	866,324433
4180	342,767815	386,863815	493,693282	570,804543	661,721533	812,501659	866,589584
4181	342,892123	387,002486	493,859433	570,990073	661,93156	812,751915	866,854763

4182	343,016446	387,141174	494,025602	571,175623	662,141608	813,002195	867,119968
4183	343,140784	387,279878	494,191791	571,361193	662,351679	813,252502	867,3852
4184	343,265138	387,418599	494,357997	571,546783	662,561772	813,502834	867,650459
4185	343,389506	387,557337	494,524223	571,732393	662,771888	813,753192	867,915746
4186	343,51389	387,696091	494,690467	571,918023	662,982025	814,003576	868,181059
4187	343,638288	387,834861	494,856729	572,103673	663,192185	814,253985	868,4464
4188	343,762701	387,973648	495,023011	572,289344	663,402367	814,50442	868,711767
4189	343,88713	388,112452	495,189311	572,475034	663,612571	814,75488	868,977162
4190	344,011573	388,251272	495,355629	572,660745	663,822797	815,005366	869,242583
4191	344,136032	388,390109	495,521966	572,846475	664,033046	815,255878	869,508031
4192	344,260505	388,528962	495,688322	573,032226	664,243316	815,506416	869,773507
4193	344,384993	388,667832	495,854696	573,217997	664,453609	815,756979	870,03901
4194	344,509497	388,806719	496,021089	573,403788	664,663924	816,007568	870,304539
4195	344,634015	388,945621	496,187501	573,589599	664,874262	816,258182	870,570096
4196	344,758549	389,084541	496,353931	573,77543	665,084621	816,508823	870,835679
4197	344,883097	389,223477	496,52038	573,961281	665,295003	816,759488	871,10129
4198	345,007661	389,362429	496,686847	574,147152	665,505407	817,01018	871,366927
4199	345,132239	389,501398	496,853333	574,333043	665,715833	817,260897	871,632592
4200	345,256832	389,640384	497,019838	574,518954	665,926281	817,51164	871,898283
4201	345,381441	389,779386	497,186361	574,704885	666,136751	817,762408	872,164002
4202	345,506064	389,918405	497,352903	574,890837	666,347244	818,013202	872,429747
4203	345,630703	390,05744	497,519463	575,076808	666,557758	818,264022	872,69552
4204	345,755356	390,196492	497,686042	575,2628	666,768295	818,514867	872,961319
4205	345,880024	390,33556	497,85264	575,448811	666,978854	818,765738	873,227146
4206	346,004708	390,474645	498,019256	575,634843	667,189435	819,016635	873,492999
4207	346,129406	390,613746	498,18589	575,820894	667,400039	819,267557	873,75888
4208	346,254119	390,752864	498,352544	576,006966	667,610664	819,518505	874,024787
4209	346,378847	390,891998	498,519216	576,193057	667,821312	819,769478	874,290721
4210	346,503591	391,031149	498,685906	576,379169	668,031981	820,020477	874,556683
4211	346,628349	391,170316	498,852615	576,565301	668,242673	820,271502	874,822671
4212	346,753122	391,3095	499,019343	576,751453	668,453387	820,522552	875,088686
4213	346,87791	391,4487	499,186089	576,937624	668,664124	820,773628	875,354729
4214	347,002713	391,587917	499,352853	577,123816	668,874882	821,024729	875,620798
4215	347,127531	391,72715	499,519637	577,310028	669,085663	821,275856	875,886894
4216	347,252364	391,8664	499,686439	577,49626	669,296465	821,527009	876,153017
4217	347,377212	392,005666	499,853259	577,682512	669,50729	821,778187	876,419167
4218	347,502075	392,144949	500,020098	577,868784	669,718137	822,029391	876,685344
4219	347,626953	392,284248	500,186956	578,055075	669,929006	822,28062	876,951548
4220	347,751846	392,423564	500,353832	578,241387	670,139897	822,531875	877,217779
4221	347,876754	392,562896	500,520726	578,427719	670,35081	822,783156	877,484036
4222	348,001677	392,702245	500,68764	578,614071	670,561746	823,034462	877,750321
4223	348,126614	392,84161	500,854571	578,800443	670,772703	823,285794	878,016633
4224	348,251567	392,980992	501,021522	578,986835	670,983683	823,537151	878,282971
4225	348,376535	393,12039	501,18849	579,173247	671,194685	823,788534	878,549337
4226	348,501517	393,259805	501,355478	579,359679	671,405708	824,039943	878,815729
4227	348,626515	393,399236	501,522484	579,546131	671,616754	824,291377	879,082148

4228	348,751527	393,538683	501,689508	579,732603	671,827822	824,542836	879,348595
4229	348,876554	393,678147	501,856551	579,919095	672,038913	824,794322	879,615068
4230	349,001597	393,817628	502,023613	580,105607	672,250025	825,045832	879,881568
4231	349,126654	393,957125	502,190693	580,292139	672,461159	825,297369	880,148095
4232	349,251726	394,096639	502,357791	580,478691	672,672316	825,548931	880,414649
4233	349,376813	394,236168	502,524909	580,665263	672,883494	825,800518	880,681229
4234	349,501915	394,375715	502,692044	580,851855	673,094695	826,052131	880,947837
4235	349,627032	394,515278	502,859198	581,038467	673,305918	826,303769	881,214472
4236	349,752164	394,654857	503,026371	581,225098	673,517163	826,555434	881,481133
4237	349,877311	394,794453	503,193562	581,41175	673,72843	826,807123	881,747822
4238	350,002473	394,934065	503,360772	581,598422	673,939719	827,058838	882,014537
4239	350,127649	395,073694	503,528	581,785114	674,15103	827,310579	882,281279
4240	350,252841	395,213339	503,695247	581,971826	674,362363	827,562345	882,548048
4241	350,378047	395,353001	503,862513	582,158557	674,573718	827,814137	882,814844
4242	350,503269	395,492679	504,029796	582,345309	674,785096	828,065954	883,081667
4243	350,628505	395,632373	504,197099	582,532081	674,996495	828,317797	883,348516
4244	350,753756	395,772084	504,364419	582,718872	675,207917	828,569666	883,615393
4245	350,879022	395,911811	504,531759	582,905684	675,41936	828,821559	883,882296
4246	351,004304	396,051555	504,699117	583,092516	675,630826	829,073479	884,149227
4247	351,1296	396,191316	504,866493	583,279367	675,842313	829,325424	884,416184
4248	351,25491	396,331092	505,033888	583,466238	676,053823	829,577394	884,683168
4249	351,380236	396,470885	505,201301	583,65313	676,265355	829,82939	884,950179
4250	351,505577	396,610695	505,368733	583,840041	676,476909	830,081412	885,217216
4251	351,630932	396,750521	505,536183	584,026973	676,688485	830,333459	885,484281
4252	351,756303	396,890363	505,703652	584,213924	676,900083	830,585531	885,751372
4253	351,881688	397,030222	505,871139	584,400895	677,111703	830,837629	886,018491
4254	352,007089	397,170097	506,038645	584,587886	677,323345	831,089753	886,285636
4255	352,132504	397,309989	506,206169	584,774897	677,535009	831,341901	886,552808
4256	352,257934	397,449897	506,373712	584,961928	677,746695	831,594076	886,820007
4257	352,383379	397,589822	506,541273	585,148979	677,958403	831,846276	887,087232
4258	352,508838	397,729763	506,708853	585,33605	678,170134	832,098501	887,354485
4259	352,634313	397,86972	506,876451	585,523141	678,381886	832,350752	887,621764
4260	352,759803	398,009694	507,044068	585,710252	678,59366	832,603029	887,88907
4261	352,885307	398,149684	507,211703	585,897382	678,805457	832,855331	888,156403
4262	353,010827	398,289691	507,379357	586,084533	679,017275	833,107658	888,423763
4263	353,136361	398,429714	507,547029	586,271703	679,229116	833,360011	888,69115
4264	353,26191	398,569753	507,714719	586,458894	679,440978	833,612389	888,958563
4265	353,387474	398,709809	507,882428	586,646104	679,652862	833,864793	889,226003
4266	353,513053	398,849881	508,050156	586,833335	679,864769	834,117222	889,49347
4267	353,638647	398,98997	508,217902	587,020585	680,076697	834,369677	889,760964
4268	353,764255	399,130075	508,385666	587,207855	680,288648	834,622157	890,028485
4269	353,889879	399,270196	508,553449	587,395145	680,50062	834,874663	890,296033
4270	354,015517	399,410334	508,72125	587,582455	680,712615	835,127194	890,563607
4271	354,14117	399,550488	508,88907	587,769785	680,924632	835,379751	890,831208
4272	354,266838	399,690659	509,056908	587,957134	681,13667	835,632333	891,098836
4273	354,392521	399,830846	509,224765	588,144504	681,348731	835,88494	891,366491

4274	354,518219	399,971049	509,39264	588,331894	681,560813	836,137573	891,634172
4275	354,643932	400,111269	509,560533	588,519303	681,772918	836,390232	891,90188
4276	354,769659	400,251505	509,728445	588,706732	681,985044	836,642915	892,169615
4277	354,895401	400,391757	509,896376	588,894181	682,197193	836,895625	892,437377
4278	355,021159	400,532026	510,064324	589,081651	682,409364	837,148359	892,705166
4279	355,146931	400,672312	510,232292	589,26914	682,621556	837,40112	892,972981
4280	355,272718	400,812613	510,400277	589,456648	682,833771	837,653905	893,240824
4281	355,398519	400,952931	510,568282	589,644177	683,046007	837,906716	893,508692
4282	355,524336	401,093266	510,736304	589,831726	683,258266	838,159553	893,776588
4283	355,650167	401,233616	510,904345	590,019294	683,470546	838,412414	894,044511
4284	355,776014	401,373983	511,072405	590,206883	683,682849	838,665302	894,31246
4285	355,901875	401,514367	511,240482	590,394491	683,895173	838,918214	894,580436
4286	356,027751	401,654767	511,408579	590,582119	684,10752	839,171153	894,848439
4287	356,153642	401,795183	511,576693	590,769767	684,319888	839,424116	895,116468
4288	356,279547	401,935615	511,744826	590,957435	684,532278	839,677105	895,384525
4289	356,405468	402,076064	511,912978	591,145123	684,744691	839,93012	895,652608
4290	356,531403	402,21653	512,081148	591,332831	684,957125	840,183159	895,920718
4291	356,657353	402,357011	512,249336	591,520558	685,169581	840,436224	896,188854
4292	356,783318	402,497509	512,417543	591,708306	685,382059	840,689315	896,457017
4293	356,909298	402,638024	512,585768	591,896073	685,59456	840,942431	896,725207
4294	357,035292	402,778554	512,754012	592,08386	685,807082	841,195572	896,993424
4295	357,161302	402,919101	512,922274	592,271667	686,019626	841,448739	897,261668
4296	357,287326	403,059665	513,090554	592,459494	686,232192	841,701931	897,529938
4297	357,413365	403,200244	513,258853	592,64734	686,44478	841,955149	897,798235
4298	357,539419	403,34084	513,42717	592,835207	686,65739	842,208392	898,066559
4299	357,665488	403,481453	513,595506	593,023093	686,870022	842,46166	898,334909
4300	357,791571	403,622081	513,76386	593,210999	687,082676	842,714954	898,603286

Tabla 16. Pesos finales estimados para el modelo 3

ST	Wf_0.025	Wf_0.05	Wf_0.25	Wf_0.5	Wf_0.75	Wf_0.95	Wf_0.975
0	11	14	24,1103749	33,8906838	46	65,8100466	72,4241187
1	11,0105741	14,0131745	24,1324777	33,9207484	46,0393026	65,8639812	72,4826166
2	11,0211583	14,0263614	24,1546008	33,9508397	46,0786389	65,91796	72,5411617
3	11,0317527	14,0395607	24,1767441	33,9809577	46,1180087	65,9719831	72,5997542
4	11,0423573	14,0527724	24,1989078	34,0111023	46,1574122	66,0260504	72,6583939
5	11,0529721	14,0659966	24,2210917	34,0412738	46,1968494	66,080162	72,7170811
6	11,0635971	14,0792332	24,243296	34,071472	46,2363203	66,134318	72,7758156
7	11,0742323	14,0924822	24,2655207	34,1016969	46,2758248	66,1885183	72,8345976
8	11,0848777	14,1057438	24,2877657	34,1319487	46,3153632	66,2427631	72,893427
9	11,0955333	14,1190178	24,3100311	34,1622274	46,3549353	66,2970523	72,952304
10	11,1061992	14,1323043	24,3323169	34,1925329	46,3945412	66,3513861	73,0112285
11	11,1168754	14,1456033	24,3546232	34,2228652	46,434181	66,4057643	73,0702006
12	11,1275618	14,1589148	24,3769499	34,2532245	46,4738546	66,4601871	73,1292204
13	11,1382585	14,1722388	24,3992971	34,2836107	46,5135621	66,5146546	73,1882878
14	11,1489655	14,1855754	24,4216648	34,3140239	46,5533036	66,5691666	73,247403
15	11,1596827	14,1989245	24,4440529	34,3444641	46,593079	66,6237234	73,3065658
16	11,1704103	14,2122862	24,4664616	34,3749312	46,6328884	66,6783248	73,3657765
17	11,1811482	14,2256605	24,4888909	34,4054254	46,6727318	66,732971	73,425035
18	11,1918964	14,2390474	24,5113406	34,4359466	46,7126093	66,787662	73,4843414
19	11,2026549	14,2524468	24,533811	34,4664949	46,7525208	66,8423978	73,5436956
20	11,2134238	14,2658589	24,556302	34,4970703	46,7924664	66,8971785	73,6030978
21	11,224203	14,2792835	24,5788136	34,5276729	46,8324462	66,952004	73,662548
22	11,2349926	14,2927209	24,6013458	34,5583026	46,8724601	67,0068745	73,7220462
23	11,2457926	14,3061708	24,6238987	34,5889594	46,9125082	67,06179	73,7815925
24	11,2566029	14,3196334	24,6464723	34,6196435	46,9525905	67,1167504	73,8411868
25	11,2674236	14,3331087	24,6690665	34,6503547	46,9927071	67,1717559	73,9008293
26	11,2782548	14,3465967	24,6916815	34,6810932	47,0328579	67,2268065	73,96052
27	11,2890963	14,3600973	24,7143172	34,711859	47,0730431	67,2819022	74,0202588
28	11,2999483	14,3736107	24,7369737	34,7426521	47,1132625	67,3370431	74,080046
29	11,3108107	14,3871368	24,7596509	34,7734725	47,1535164	67,3922291	74,1398814
30	11,3216835	14,4006756	24,7823489	34,8043202	47,1938046	67,4474604	74,1997651
31	11,3325668	14,4142271	24,8050677	34,8351953	47,2341273	67,502737	74,2596972
32	11,3434606	14,4277914	24,8278074	34,8660978	47,2744844	67,5580588	74,3196778
33	11,3543648	14,4413685	24,8505679	34,8970277	47,314876	67,613426	74,3797067
34	11,3652795	14,4549583	24,8733492	34,927985	47,3553021	67,6688386	74,4397842
35	11,3762047	14,468561	24,8961515	34,9589698	47,3957627	67,7242965	74,4999102
36	11,3871404	14,4821764	24,9189746	34,9899821	47,436258	67,7798	74,5600847
37	11,3980866	14,4958046	24,9418187	35,0210219	47,4767878	67,8353489	74,6203079
38	11,4090434	14,5094457	24,9646837	35,0520892	47,5173522	67,8909433	74,6805797
39	11,4200106	14,5230996	24,9875697	35,0831841	47,5579513	67,9465833	74,7409001
40	11,4309885	14,5367663	25,0104766	35,1143066	47,5985851	68,0022689	74,8012693
41	11,4419768	14,550446	25,0334046	35,1454567	47,6392536	68,0580001	74,8616873

42	11,4529757	14,5641384	25,0563535	35,1766344	47,6799569	68,113777	74,9221541
43	11,4639852	14,5778438	25,0793236	35,2078398	47,7206949	68,1695997	74,9826697
44	11,4750053	14,5915621	25,1023146	35,2390728	47,7614677	68,225468	75,0432341
45	11,486036	14,6052933	25,1253268	35,2703336	47,8022754	68,2813822	75,1038475
46	11,4970773	14,6190374	25,14836	35,3016221	47,8431179	68,3373422	75,1645099
47	11,5081292	14,6327944	25,1714144	35,3329384	47,8839954	68,393348	75,2252213
48	11,5191917	14,6465644	25,1944899	35,3642824	47,9249078	68,4493998	75,2859816
49	11,5302649	14,6603473	25,2175865	35,3956542	47,9658551	68,5054974	75,3467911
50	11,5413487	14,6741432	25,2407043	35,4270539	48,0068374	68,5616411	75,4076497
51	11,5524431	14,6879521	25,2638433	35,4584814	48,0478547	68,6178308	75,4685574
52	11,5635482	14,701774	25,2870035	35,4899368	48,0889071	68,6740665	75,5295144
53	11,574664	14,7156089	25,310185	35,5214201	48,1299945	68,7303483	75,5905205
54	11,5857905	14,7294568	25,3333877	35,5529314	48,171117	68,7866762	75,651576
55	11,5969277	14,7433177	25,3566117	35,5844706	48,2122747	68,8430503	75,7126808
56	11,6080756	14,7571917	25,379857	35,6160377	48,2534676	68,8994706	75,7738349
57	11,6192342	14,7710788	25,4031235	35,6476329	48,2946956	68,9559372	75,8350384
58	11,6304035	14,7849789	25,4264114	35,6792561	48,3359589	69,01245	75,8962913
59	11,6415835	14,7988921	25,4497207	35,7109074	48,3772574	69,0690091	75,9575938
60	11,6527743	14,8128183	25,4730513	35,7425867	48,4185912	69,1256146	76,0189457
61	11,6639759	14,8267577	25,4964033	35,7742941	48,4599603	69,1822665	76,0803472
62	11,6751882	14,8407102	25,5197767	35,8060297	48,5013648	69,2389648	76,1417983
63	11,6864114	14,8546759	25,5431716	35,8377934	48,5428047	69,2957095	76,203299
64	11,6976452	14,8686547	25,5665879	35,8695853	48,5842799	69,3525008	76,2648494
65	11,7088899	14,8826466	25,5900256	35,9014054	48,6257906	69,4093386	76,3264495
66	11,7201455	14,8966517	25,6134849	35,9332537	48,6673368	69,466223	76,3880994
67	11,7314118	14,91067	25,6369656	35,9651303	48,7089184	69,523154	76,449799
68	11,7426889	14,9247014	25,6604679	35,9970352	48,7505356	69,5801317	76,5115485
69	11,7539769	14,9387461	25,6839917	36,0289683	48,7921883	69,6371561	76,5733479
70	11,7652758	14,952804	25,7075371	36,0609298	48,8338767	69,6942272	76,6351972
71	11,7765855	14,9668751	25,7311041	36,0929197	48,8756006	69,7513451	76,6970964
72	11,7879061	14,9809595	25,7546927	36,1249379	48,9173602	69,8085098	76,7590457
73	11,7992375	14,9950571	25,7783029	36,1569845	48,9591555	69,8657213	76,821045
74	11,8105799	15,009168	25,8019347	36,1890595	49,0009865	69,9229797	76,8830943
75	11,8219332	15,0232921	25,8255882	36,2211631	49,0428532	69,9802851	76,9451938
76	11,8332973	15,0374296	25,8492634	36,253295	49,0847557	70,0376374	77,0073434
77	11,8446724	15,0515803	25,8729603	36,2854555	49,126694	70,0950367	77,0695433
78	11,8560585	15,0657444	25,8966789	36,3176445	49,1686681	70,1524831	77,1317934
79	11,8674554	15,0799218	25,9204193	36,3498621	49,2106781	70,2099765	77,1940937
80	11,8788634	15,0941125	25,9441814	36,3821083	49,252724	70,2675171	77,2564444
81	11,8902823	15,1083166	25,9679653	36,414383	49,2948058	70,3251048	77,3188454
82	11,9017121	15,1225341	25,9917711	36,4466864	49,3369236	70,3827397	77,3812969
83	11,913153	15,1367649	26,0155986	36,4790185	49,3790774	70,4404219	77,4437987
84	11,9246049	15,1510092	26,039448	36,5113792	49,4212671	70,4981513	77,5063511
85	11,9360677	15,1652668	26,0633192	36,5437686	49,4634929	70,555928	77,568954
86	11,9475416	15,1795379	26,0872124	36,5761868	49,5057548	70,6137521	77,6316074
87	11,9590265	15,1938224	26,1111274	36,6086337	49,5480528	70,6716236	77,6943115

88	11,9705225	15,2081203	26,1350643	36,6411094	49,590387	70,7295425	77,7570662
89	11,9820295	15,2224317	26,1590232	36,673614	49,6327573	70,7875089	77,8198716
90	11,9935476	15,2367565	26,1830041	36,7061473	49,6751638	70,8455227	77,8827277
91	12,0050767	15,2510948	26,207007	36,7387095	49,7176066	70,9035842	77,9456346
92	12,0166169	15,2654467	26,2310318	36,7713006	49,7600856	70,9616932	78,0085923
93	12,0281683	15,279812	26,2550787	36,8039206	49,8026009	71,0198498	78,0716009
94	12,0397307	15,2941908	26,2791476	36,8365696	49,8451525	71,0780541	78,1346603
95	12,0513042	15,3085832	26,3032386	36,8692475	49,8877405	71,1363061	78,1977707
96	12,0628889	15,3229891	26,3273517	36,9019544	49,9303649	71,1946058	78,2609321
97	12,0744847	15,3374086	26,3514868	36,9346903	49,9730257	71,2529533	78,3241445
98	12,0860916	15,3518417	26,3756441	36,9674553	50,0157229	71,3113487	78,3874079
99	12,0977097	15,3662883	26,3998236	37,0002493	50,0584566	71,3697919	78,4507224
100	12,109339	15,3807485	26,4240252	37,0330724	50,1012269	71,428283	78,5140881
101	12,1209794	15,3952223	26,448249	37,0659247	50,1440336	71,486822	78,5775049
102	12,1326311	15,4097098	26,472495	37,098806	50,186877	71,545409	78,640973
103	12,1442939	15,4242109	26,4967633	37,1317166	50,229757	71,604044	78,7044923
104	12,155968	15,4387256	26,5210537	37,1646563	50,2726735	71,6627271	78,768063
105	12,1676533	15,453254	26,5453665	37,1976253	50,3156268	71,7214582	78,831685
106	12,1793498	15,467796	26,5697015	37,2306235	50,3586168	71,7802375	78,8953584
107	12,1910575	15,4823518	26,5940589	37,263651	50,4016435	71,839065	78,9590832
108	12,2027765	15,4969212	26,6184385	37,2967078	50,4447069	71,8979407	79,0228594
109	12,2145068	15,5115044	26,6428406	37,3297939	50,4878072	71,9568646	79,0866872
110	12,2262483	15,5261013	26,667265	37,3629093	50,5309443	72,0158368	79,1505666
111	12,2380012	15,5407119	26,6917118	37,3960541	50,5741182	72,0748574	79,2144975
112	12,2497653	15,5553362	26,716181	37,4292284	50,617329	72,1339263	79,2784801
113	12,2615407	15,5699744	26,7406726	37,462432	50,6605767	72,1930436	79,3425144
114	12,2733275	15,5846263	26,7651867	37,4956652	50,7038614	72,2522094	79,4066004
115	12,2851256	15,5992919	26,7897232	37,5289278	50,7471831	72,3114237	79,4707381
116	12,296935	15,6139714	26,8142823	37,5622199	50,7905418	72,3706865	79,5349277
117	12,3087558	15,6286647	26,8388638	37,5955415	50,8339375	72,4299979	79,599169
118	12,3205879	15,6433719	26,8634679	37,6288927	50,8773703	72,4893578	79,6634623
119	12,3324315	15,6580928	26,8880946	37,6622735	50,9208403	72,5487665	79,7278076
120	12,3442864	15,6728277	26,9127438	37,6956839	50,9643473	72,6082238	79,7922047
121	12,3561527	15,6875763	26,9374156	37,7291239	51,0078916	72,6677298	79,8566539
122	12,3680304	15,7023389	26,9621101	37,7625937	51,051473	72,7272846	79,9211552
123	12,3799195	15,7171154	26,9868272	37,796093	51,0950917	72,7868883	79,9857086
124	12,39182	15,7319057	27,0115669	37,8296222	51,1387476	72,8465407	80,0503141
125	12,403732	15,74671	27,0363293	37,863181	51,1824408	72,9062421	80,1149717
126	12,4156555	15,7615282	27,0611144	37,8967696	51,2261714	72,9659924	80,1796816
127	12,4275904	15,7763604	27,0859223	37,9303881	51,2699394	73,0257916	80,2444438
128	12,4395368	15,7912065	27,1107529	37,9640363	51,3137447	73,0856399	80,3092583
129	12,4514946	15,8060666	27,1356062	37,9977144	51,3575875	73,1455372	80,3741251
130	12,463464	15,8209407	27,1604823	38,0314224	51,4014677	73,2054836	80,4390444
131	12,4754448	15,8358287	27,1853813	38,0651603	51,4453854	73,2654791	80,504016
132	12,4874372	15,8507308	27,210303	38,0989281	51,4893406	73,3255238	80,5690402
133	12,4994411	15,8656469	27,2352477	38,1327258	51,5333334	73,3856177	80,6341168

134	12,5114566	15,880577	27,2602151	38,1665536	51,5773638	73,4457609	80,6992461
135	12,5234836	15,8955212	27,2852055	38,2004113	51,6214318	73,5059533	80,7644279
136	12,5355221	15,9104795	27,3102188	38,2342991	51,6655374	73,5661951	80,8296624
137	12,5475723	15,9254518	27,335255	38,2682169	51,7096808	73,6264863	80,8949495
138	12,559634	15,9404382	27,3603141	38,3021649	51,7538618	73,6868268	80,9602894
139	12,5717073	15,9554387	27,3853963	38,3361429	51,7980806	73,7472168	81,0256821
140	12,5837922	15,9704534	27,4105014	38,3701511	51,8423372	73,8076563	81,0911276
141	12,5958887	15,9854821	27,4356295	38,4041895	51,8866316	73,8681454	81,156626
142	12,6079969	16,000525	27,4607807	38,438258	51,9309638	73,928684	81,2221772
143	12,6201167	16,0155821	27,4859549	38,4723568	51,975334	73,9892722	81,2877815
144	12,6322481	16,0306533	27,5111522	38,5064859	52,019742	74,0499101	81,3534387
145	12,6443913	16,0457387	27,5363726	38,5406452	52,064188	74,1105977	81,4191489
146	12,656546	16,0608384	27,5616162	38,5748348	52,1086719	74,171335	81,4849122
147	12,6687125	16,0759522	27,5868828	38,6090547	52,1531938	74,2321221	81,5507286
148	12,6808907	16,0910802	27,6121727	38,643305	52,1977538	74,292959	81,6165982
149	12,6930805	16,1062225	27,6374857	38,6775857	52,2423519	74,3538458	81,682521
150	12,7052821	16,121379	27,6628219	38,7118968	52,2869881	74,4147824	81,748497
151	12,7174954	16,1365498	27,6881813	38,7462383	52,3316624	74,475769	81,8145264
152	12,7297205	16,1517349	27,713564	38,7806103	52,3763749	74,5368056	81,880609
153	12,7419573	16,1669342	27,73897	38,8150128	52,4211255	74,5978922	81,9467451
154	12,7542059	16,1821479	27,7643993	38,8494458	52,4659144	74,6590289	82,0129345
155	12,7664662	16,1973759	27,7898518	38,8839093	52,5107416	74,7202157	82,0791774
156	12,7787384	16,2126182	27,8153277	38,9184034	52,5556071	74,7814526	82,1454738
157	12,7910223	16,2278748	27,840827	38,9529282	52,6005109	74,8427397	82,2118238
158	12,803318	16,2431458	27,8663496	38,9874835	52,6454531	74,9040771	82,2782274
159	12,8156256	16,2584312	27,8918956	39,0220695	52,6904337	74,9654647	82,3446846
160	12,827945	16,273731	27,9174651	39,0566862	52,7354527	75,0269026	82,4111954
161	12,8402762	16,2890451	27,943058	39,0913336	52,7805102	75,0883909	82,47776
162	12,8526193	16,3043737	27,9686743	39,1260117	52,8256061	75,1499295	82,5443784
163	12,8649742	16,3197167	27,9943142	39,1607206	52,8707407	75,2115186	82,6110506
164	12,8773411	16,3350741	28,0199775	39,1954603	52,9159137	75,2731582	82,6777766
165	12,8897198	16,350446	28,0456644	39,2302308	52,9611254	75,3348483	82,7445565
166	12,9021104	16,3658324	28,0713748	39,2650321	53,0063757	75,396589	82,8113904
167	12,9145129	16,3812332	28,0971088	39,2998643	53,0516646	75,4583802	82,8782782
168	12,9269274	16,3966485	28,1228663	39,3347274	53,0969923	75,5202221	82,9452201
169	12,9393538	16,4120783	28,1486475	39,3696215	53,1423587	75,5821147	83,012216
170	12,9517921	16,4275227	28,1744523	39,4045465	53,1877638	75,644058	83,0792661
171	12,9642424	16,4429816	28,2002808	39,4395025	53,2332077	75,706052	83,1463703
172	12,9767046	16,458455	28,226133	39,4744895	53,2786905	75,7680969	83,2135287
173	12,9891788	16,473943	28,2520088	39,5095075	53,3242121	75,8301926	83,2807413
174	13,0016651	16,4894455	28,2779084	39,5445566	53,3697726	75,8923392	83,3480083
175	13,0141633	16,5049627	28,3038317	39,5796368	53,4153721	75,9545368	83,4153295
176	13,0266735	16,5204945	28,3297788	39,6147481	53,4610105	76,0167853	83,4827052
177	13,0391958	16,5360408	28,3557497	39,6498905	53,5066879	76,0790848	83,5501352
178	13,0517301	16,5516018	28,3817444	39,6850641	53,5524043	76,1414354	83,6176198
179	13,0642764	16,5671775	28,4077629	39,720269	53,5981598	76,2038371	83,6851588

180	13,0768348	16,5827678	28,4338052	39,755505	53,6439544	76,2662899	83,7527524
181	13,0894053	16,5983727	28,4598715	39,7907723	53,6897881	76,3287939	83,8204006
182	13,1019879	16,6139924	28,4859616	39,8260709	53,7356609	76,3913491	83,8881034
183	13,1145826	16,6296268	28,5120756	39,8614009	53,781573	76,4539557	83,9558609
184	13,1271893	16,6452758	28,5382136	39,8967621	53,8275243	76,5166135	84,0236732
185	13,1398082	16,6609396	28,5643756	39,9321547	53,8735148	76,5793226	84,0915402
186	13,1524392	16,6766182	28,5905615	39,9675788	53,9195447	76,6420832	84,159462
187	13,1650824	16,6923115	28,6167714	40,0030342	53,9656138	76,7048952	84,2274387
188	13,1777377	16,7080195	28,6430054	40,0385211	54,0117224	76,7677586	84,2954703
189	13,1904052	16,7237423	28,6692634	40,0740395	54,0578703	76,8306736	84,3635569
190	13,2030848	16,73948	28,6955455	40,1095894	54,1040577	76,8936402	84,4316984
191	13,2157767	16,7552324	28,7218517	40,1451708	54,1502845	76,9566583	84,499895
192	13,2284807	16,7709997	28,748182	40,1807838	54,1965508	77,0197281	84,5681467
193	13,241197	16,7867818	28,7745364	40,2164284	54,2428566	77,0828496	84,6364535
194	13,2539255	16,8025788	28,800915	40,2521046	54,2892021	77,1460229	84,7048154
195	13,2666662	16,8183906	28,8273178	40,2878125	54,3355871	77,2092479	84,7732326
196	13,2794192	16,8342173	28,8537448	40,323552	54,3820117	77,2725247	84,841705
197	13,2921844	16,8500589	28,880196	40,3593232	54,428476	77,3358533	84,9102328
198	13,3049619	16,8659154	28,9066714	40,3951262	54,47498	77,3992339	84,9788159
199	13,3177516	16,8817868	28,9331712	40,4309609	54,5215238	77,4626664	85,0474544
200	13,3305537	16,8976732	28,9596952	40,4668274	54,5681073	77,5261509	85,1161483
201	13,3433681	16,9135745	28,9862435	40,5027258	54,6147306	77,5896875	85,1848978
202	13,3561948	16,9294908	29,0128162	40,5386559	54,6613937	77,6532761	85,2537027
203	13,3690338	16,945422	29,0394132	40,574618	54,7080967	77,7169168	85,3225632
204	13,3818852	16,9613683	29,0660346	40,610612	54,7548396	77,7806096	85,3914794
205	13,3947489	16,9773295	29,0926805	40,6466378	54,8016225	77,8443547	85,4604512
206	13,407625	16,9933058	29,1193507	40,6826957	54,8484453	77,908152	85,5294787
207	13,4205135	17,0092971	29,1460454	40,7187855	54,8953081	77,9720016	85,598562
208	13,4334143	17,0253034	29,1727646	40,7549074	54,942211	78,0359036	85,6677011
209	13,4463276	17,0413248	29,1995082	40,7910613	54,989154	78,0998578	85,736896
210	13,4592532	17,0573613	29,2262764	40,8272472	55,036137	78,1638646	85,8061468
211	13,4721913	17,0734129	29,2530691	40,8634653	55,0831602	78,2279237	85,8754535
212	13,4851419	17,0894796	29,2798864	40,8997155	55,1302236	78,2920354	85,9448162
213	13,4981048	17,1055614	29,3067283	40,9359978	55,1773272	78,3561996	86,014235
214	13,5110803	17,1216584	29,3335948	40,9723124	55,224471	78,4204164	86,0837098
215	13,5240682	17,1377704	29,3604859	41,0086591	55,2716551	78,4846858	86,1532407
216	13,5370686	17,1538977	29,3874016	41,0450381	55,3188795	78,5490079	86,2228278
217	13,5500815	17,1700401	29,414342	41,0814494	55,3661443	78,6133827	86,2924711
218	13,5631069	17,1861977	29,4413072	41,117893	55,4134494	78,6778103	86,3621707
219	13,5761448	17,2023706	29,468297	41,1543689	55,460795	78,7422907	86,4319265
220	13,5891953	17,2185586	29,4953116	41,1908771	55,508181	78,8068239	86,5017387
221	13,6022583	17,2347619	29,522351	41,2274178	55,5556076	78,87141	86,5716073
222	13,6153339	17,2509804	29,5494151	41,2639908	55,6030746	78,936049	86,6415323
223	13,628422	17,2672142	29,5765041	41,3005963	55,6505822	79,000741	86,7115138
224	13,6415227	17,2834632	29,6036178	41,3372343	55,6981304	79,0654861	86,7815518
225	13,654636	17,2997276	29,6307565	41,3739048	55,7457192	79,1302842	86,8516464

226	13,6677619	17,3160073	29,65792	41,4106078	55,7933486	79,1951354	86,9217976
227	13,6809004	17,3323022	29,6851084	41,4473434	55,8410188	79,2600397	86,9920055
228	13,6940516	17,3486125	29,7123218	41,4841115	55,8887297	79,3249972	87,0622701
229	13,7072154	17,3649382	29,7395601	41,5209123	55,9364813	79,3900008	87,1325914
230	13,7203919	17,3812792	29,7668233	41,5577457	55,9842738	79,4550721	87,2029695
231	13,733581	17,3976356	29,7941116	41,5946118	56,0321071	79,5201894	87,2734045
232	13,7467828	17,4140074	29,8214249	41,6315106	56,0799812	79,5853602	87,3438964
233	13,7599973	17,4303946	29,8487632	41,6684421	56,1278963	79,6505843	87,4144452
234	13,7732245	17,4467972	29,8761265	41,7054064	56,1758523	79,715862	87,485051
235	13,7864644	17,4632153	29,903515	41,7424035	56,2238493	79,7811931	87,5557138
236	13,799717	17,4796488	29,9309286	41,7794334	56,2718872	79,8465777	87,6264337
237	13,8129824	17,4960978	29,9583673	41,8164962	56,3199663	79,9120159	87,6972107
238	13,8262605	17,5125622	29,9858311	41,8535918	56,3680864	79,9775078	87,7680449
239	13,8395514	17,5290422	30,0133201	41,8907203	56,4162476	80,0430533	87,8389363
240	13,8528551	17,5455376	30,0408344	41,9278818	56,46445	80,1086526	87,9098849
241	13,8661715	17,5620486	30,0683738	41,9650763	56,5126935	80,1743056	87,9808909
242	13,8795008	17,5785751	30,0959385	42,0023037	56,5609783	80,2400124	88,0519542
243	13,8928428	17,5951172	30,1235285	42,0395642	56,6093043	80,3057731	88,1230749
244	13,9061977	17,6116748	30,1511438	42,0768577	56,6576716	80,3715877	88,194253
245	13,9195655	17,628248	30,1787843	42,1141843	56,7060803	80,4374562	88,2654887
246	13,932946	17,6448368	30,2064503	42,151544	56,7545303	80,5033787	88,3367819
247	13,9463395	17,6614412	30,2341415	42,1889369	56,8030217	80,5693552	88,4081327
248	13,9597458	17,6780613	30,2618582	42,2263629	56,8515545	80,6353858	88,4795411
249	13,973165	17,6946969	30,2896003	42,2638221	56,9001288	80,7014705	88,5510071
250	13,9865971	17,7113483	30,3173678	42,3013146	56,9487446	80,7676093	88,6225309
251	14,0000421	17,7280153	30,3451607	42,3388403	56,997402	80,8338024	88,6941125
252	14,0135001	17,744698	30,3729792	42,3763993	57,0461009	80,9000497	88,7657519
253	14,026971	17,7613964	30,4008231	42,4139916	57,0948414	80,9663513	88,8374491
254	14,0404548	17,7781105	30,4286926	42,4516173	57,1436235	81,0327073	88,9092043
255	14,0539516	17,7948403	30,4565876	42,4892763	57,1924474	81,0991176	88,9810174
256	14,0674613	17,8115859	30,4845082	42,5269688	57,2413129	81,1655824	89,0528886
257	14,0809841	17,8283472	30,5124544	42,5646947	57,2902203	81,2321016	89,1248177
258	14,0945199	17,8451243	30,5404262	42,6024541	57,3391694	81,2986753	89,196805
259	14,1080686	17,8619172	30,5684236	42,6402469	57,3881603	81,3653036	89,2688504
260	14,1216304	17,8787259	30,5964467	42,6780733	57,4371931	81,4319865	89,340954
261	14,1352052	17,8955504	30,6244955	42,7159333	57,4862677	81,4987241	89,4131159
262	14,1487931	17,9123908	30,65257	42,7538268	57,5353843	81,5655163	89,485336
263	14,162394	17,929247	30,6806703	42,7917539	57,5845429	81,6323633	89,5576145
264	14,176008	17,946119	30,7087963	42,8297147	57,6337435	81,6992651	89,6299514
265	14,1896351	17,963007	30,7369481	42,8677092	57,6829861	81,7662217	89,7023466
266	14,2032753	17,9799108	30,7651257	42,9057373	57,7322707	81,8332332	89,7748004
267	14,2169286	17,9968305	30,7933291	42,9437993	57,7815975	81,9002996	89,8473127
268	14,2305951	18,0137662	30,8215584	42,9818949	57,8309665	81,9674209	89,9198835
269	14,2442746	18,0307178	30,8498136	43,0200244	57,8803776	82,0345973	89,992513
270	14,2579674	18,0476853	30,8780947	43,0581877	57,9298309	82,1018287	90,0652011
271	14,2716732	18,0646688	30,9064017	43,0963848	57,9793265	82,1691153	90,1379479

272	14,2853923	18,0816683	30,9347346	43,1346159	58,0288644	82,2364569	90,2107535
273	14,2991245	18,0986838	30,9630935	43,1728808	58,0784446	82,3038538	90,2836179
274	14,31287	18,1157153	30,9914785	43,2111797	58,1280671	82,3713059	90,3565412
275	14,3266286	18,1327629	31,0198894	43,2495125	58,1777321	82,4388133	90,4295233
276	14,3404005	18,1498264	31,0483264	43,2878794	58,2274395	82,506376	90,5025644
277	14,3541856	18,1669061	31,0767894	43,3262803	58,2771893	82,573994	90,5756645
278	14,367984	18,1840018	31,1052786	43,3647153	58,3269817	82,6416675	90,6488237
279	14,3817956	18,2011136	31,1337938	43,4031844	58,3768166	82,7093965	90,7220419
280	14,3956206	18,2182415	31,1623353	43,4416876	58,4266941	82,7771809	90,7953193
281	14,4094588	18,2353855	31,1909028	43,4802249	58,4766142	82,8450209	90,8686559
282	14,4233103	18,2525456	31,2194966	43,5187964	58,526577	82,9129165	90,9420517
283	14,4371751	18,2697219	31,2481166	43,5574022	58,5765824	82,9808678	91,0155067
284	14,4510532	18,2869144	31,2767628	43,5960422	58,6266306	83,0488747	91,0890211
285	14,4649447	18,304123	31,3054352	43,6347165	58,6767215	83,1169374	91,1625949
286	14,4788496	18,3213478	31,334134	43,6734251	58,7268552	83,1850559	91,2362282
287	14,4927678	18,3385889	31,3628591	43,712168	58,7770318	83,2532302	91,3099208
288	14,5066994	18,3558461	31,3916104	43,7509453	58,8272512	83,3214603	91,3836731
289	14,5206444	18,3731196	31,4203882	43,789757	58,8775136	83,3897464	91,4574848
290	14,5346027	18,3904094	31,4491923	43,8286031	58,9278189	83,4580884	91,5313562
291	14,5485746	18,4077154	31,4780229	43,8674837	58,9781671	83,5264865	91,6052873
292	14,5625598	18,4250377	31,5068799	43,9063987	59,0285584	83,5949406	91,6792781
293	14,5765585	18,4423764	31,5357633	43,9453483	59,0789928	83,6634508	91,7533286
294	14,5905706	18,4597313	31,5646732	43,9843325	59,1294702	83,7320171	91,827439
295	14,6045962	18,4771025	31,5936096	44,0233512	59,1799908	83,8006397	91,9016092
296	14,6186353	18,4944902	31,6225725	44,0624046	59,2305545	83,8693185	91,9758393
297	14,6326879	18,5118941	31,651562	44,1014926	59,2811614	83,9380535	92,0501294
298	14,646754	18,5293145	31,6805781	44,1406152	59,3318116	84,0068449	92,1244795
299	14,6608336	18,5467512	31,7096207	44,1797726	59,382505	84,0756927	92,1988897
300	14,6749267	18,5642044	31,73869	44,2189647	59,4332418	84,1445969	92,2733599
301	14,6890334	18,5816739	31,767786	44,2581916	59,4840219	84,2135576	92,3478903
302	14,7031537	18,59916	31,7969086	44,2974533	59,5348454	84,2825748	92,4224809
303	14,7172875	18,6166624	31,8260579	44,3367498	59,5857123	84,3516485	92,4971317
304	14,7314349	18,6341814	31,8552339	44,3760811	59,6366227	84,4207789	92,5718429
305	14,7455959	18,6517168	31,8844367	44,4154474	59,6875766	84,4899659	92,6466144
306	14,7597706	18,6692687	31,9136662	44,4548486	59,738574	84,5592096	92,7214462
307	14,7739588	18,6868372	31,9429226	44,4942847	59,789615	84,6285101	92,7963385
308	14,7881607	18,7044221	31,9722057	44,5337558	59,8406996	84,6978674	92,8712914
309	14,8023763	18,7220237	32,0015157	44,5732619	59,8918278	84,7672815	92,9463047
310	14,8166055	18,7396418	32,0308526	44,6128031	59,9429997	84,8367525	93,0213787
311	14,8308484	18,7572764	32,0602164	44,6523793	59,9942154	84,9062804	93,0965132
312	14,8451049	18,7749277	32,0896071	44,6919907	60,0454748	84,9758653	93,1717085
313	14,8593752	18,7925956	32,1190247	44,7316372	60,096778	85,0455073	93,2469645
314	14,8736592	18,8102801	32,1484693	44,7713189	60,148125	85,1152063	93,3222813
315	14,887957	18,8279812	32,1779409	44,8110357	60,1995159	85,1849624	93,3976589
316	14,9022684	18,845699	32,2074395	44,8507879	60,2509507	85,2547757	93,4730974
317	14,9165937	18,8634335	32,2369651	44,8905752	60,3024295	85,3246462	93,5485969

318	14,9309327	18,8811846	32,2665179	44,9303979	60,3539522	85,394574	93,6241573
319	14,9452855	18,8989525	32,2960977	44,9702559	60,405519	85,4645591	93,6997787
320	14,959652	18,9167371	32,3257046	45,0101492	60,4571298	85,5346016	93,7754613
321	14,9740324	18,9345384	32,3553387	45,050078	60,5087848	85,6047014	93,8512049
322	14,9884267	18,9523565	32,3849999	45,0900421	60,5604838	85,6748587	93,9270098
323	15,0028347	18,9701913	32,4146883	45,1300417	60,612227	85,7450735	94,0028758
324	15,0172566	18,9880429	32,444404	45,1700768	60,6640145	85,8153459	94,0788032
325	15,0316924	19,0059114	32,4741469	45,2101475	60,7158462	85,8856758	94,1547918
326	15,046142	19,0237966	32,503917	45,2502536	60,7677221	85,9560634	94,2308419
327	15,0606056	19,0416987	32,5337145	45,2903953	60,8196424	86,0265086	94,3069534
328	15,075083	19,0596176	32,5635392	45,3305727	60,8716071	86,0970116	94,3831263
329	15,0895744	19,0775534	32,5933913	45,3707857	60,9236161	86,1675724	94,4593608
330	15,1040796	19,095506	32,6232708	45,4110343	60,9756696	86,238191	94,5356569
331	15,1185989	19,1134756	32,6531777	45,4513187	61,0277676	86,3088675	94,6120146
332	15,1331321	19,131462	32,6831119	45,4916388	61,0799101	86,3796019	94,6884339
333	15,1476792	19,1494654	32,7130737	45,5319947	61,1320971	86,4503943	94,764915
334	15,1622404	19,1674857	32,7430628	45,5723864	61,1843287	86,5212447	94,8414578
335	15,1768155	19,185523	32,7730795	45,6128139	61,236605	86,5921531	94,9180625
336	15,1914047	19,2035773	32,8031237	45,6532772	61,2889259	86,6631197	94,9947291
337	15,2060078	19,2216485	32,8331955	45,6937765	61,3412915	86,7341444	95,0714576
338	15,220625	19,2397368	32,8632948	45,7343117	61,3937018	86,8052273	95,148248
339	15,2352563	19,2578421	32,8934217	45,7748828	61,446157	86,8763685	95,2251005
340	15,2499016	19,2759644	32,9235762	45,81549	61,4986569	86,947568	95,302015
341	15,264561	19,2941037	32,9537583	45,8561331	61,5512017	87,0188259	95,3789917
342	15,2792345	19,3122602	32,9839682	45,8968123	61,6037914	87,0901421	95,4560306
343	15,2939221	19,3304337	33,0142057	45,9375276	61,6564261	87,1615168	95,5331317
344	15,3086239	19,3486243	33,0444709	45,9782791	61,7091057	87,23295	95,610295
345	15,3233397	19,3668321	33,0747639	46,0190666	61,7618303	87,3044418	95,6875207
346	15,3380697	19,3850569	33,1050847	46,0598904	61,8146	87,3759921	95,7648088
347	15,3528139	19,403299	33,1354332	46,1007504	61,8674147	87,447601	95,8421592
348	15,3675722	19,4215582	33,1658096	46,1416466	61,9202746	87,5192687	95,9195722
349	15,3823447	19,4398345	33,1962138	46,1825791	61,9731796	87,5909951	95,9970477
350	15,3971315	19,4581281	33,2266459	46,2235479	62,0261299	87,6627802	96,0745858
351	15,4119324	19,4764389	33,2571059	46,264553	62,0791254	87,7346242	96,1521864
352	15,4267476	19,4947669	33,2875938	46,3055946	62,1321661	87,8065271	96,2298498
353	15,441577	19,5131122	33,3181097	46,3466725	62,1852522	87,8784889	96,3075759
354	15,4564206	19,5314747	33,3486535	46,3877869	62,2383837	87,9505097	96,3853648
355	15,4712785	19,5498545	33,3792254	46,4289377	62,2915605	88,0225895	96,4632165
356	15,4861508	19,5682516	33,4098253	46,4701251	62,3447828	88,0947284	96,5411311
357	15,5010373	19,5866661	33,4404532	46,511349	62,3980505	88,1669264	96,6191086
358	15,5159381	19,6050978	33,4711092	46,5526094	62,4513638	88,2391836	96,6971492
359	15,5308532	19,6235469	33,5017933	46,5939065	62,5047226	88,3115	96,7752527
360	15,5457827	19,6420133	33,5325055	46,6352402	62,558127	88,3838756	96,8534193
361	15,5607265	19,6604972	33,5632459	46,6766106	62,611577	88,4563106	96,9316491
362	15,5756847	19,6789984	33,5940145	46,7180176	62,6650727	88,528805	97,0099421
363	15,5906573	19,697517	33,6248112	46,7594614	62,7186141	88,6013587	97,0882983

364	15,6056443	19,7160531	33,6556362	46,800942	62,7722012	88,6739719	97,1667177
365	15,6206456	19,7346066	33,6864895	46,8424594	62,8258342	88,7466446	97,2452006
366	15,6356614	19,7531776	33,7173711	46,8840135	62,8795129	88,8193769	97,3237468
367	15,6506917	19,771766	33,7482809	46,9256046	62,9332375	88,8921688	97,4023564
368	15,6657363	19,790372	33,7792191	46,9672325	62,9870081	88,9650204	97,4810296
369	15,6807955	19,8089954	33,8101857	47,0088974	63,0408245	89,0379316	97,5597663
370	15,6958691	19,8276364	33,8411806	47,0505993	63,094687	89,1109026	97,6385666
371	15,7109572	19,8462949	33,872204	47,0923381	63,1485954	89,1839334	97,7174305
372	15,7260598	19,8649709	33,9032558	47,134114	63,20255	89,2570241	97,7963582
373	15,7411769	19,8836646	33,934336	47,1759269	63,2565506	89,3301746	97,8753496
374	15,7563086	19,9023758	33,9654448	47,2177769	63,3105974	89,4033852	97,9544047
375	15,7714548	19,9211047	33,9965821	47,259664	63,3646903	89,4766557	98,0335238
376	15,7866156	19,9398511	34,0277479	47,3015883	63,4188295	89,5499862	98,1127067
377	15,8017909	19,9586152	34,0589423	47,3435498	63,4730149	89,6233769	98,1919537
378	15,8169808	19,977397	34,0901653	47,3855485	63,5272466	89,6968277	98,2712646
379	15,8321854	19,9961964	34,1214169	47,4275845	63,5815246	89,7703387	98,3506396
380	15,8474045	20,0150136	34,1526971	47,4696578	63,6358491	89,8439099	98,4300787
381	15,8626383	20,0338484	34,1840061	47,5117683	63,6902199	89,9175415	98,5095819
382	15,8778867	20,052701	34,2153437	47,5539163	63,7446372	89,9912334	98,5891494
383	15,8931498	20,0715713	34,2467101	47,5961016	63,799101	90,0649857	98,6687811
384	15,9084275	20,0904593	34,2781052	47,6383244	63,8536113	90,1387984	98,7484772
385	15,9237199	20,1093652	34,3095291	47,6805846	63,9081682	90,2126716	98,8282376
386	15,9390271	20,1282888	34,3409818	47,7228823	63,9627717	90,2866054	98,9080625
387	15,9543489	20,1472302	34,3724634	47,7652175	64,0174219	90,3605997	98,9879518
388	15,9696855	20,1661895	34,4039738	47,8075903	64,0721187	90,4346547	99,0679057
389	15,9850368	20,1851666	34,4355131	47,8500006	64,1268623	90,5087704	99,1479241
390	16,0004029	20,2041615	34,4670813	47,8924486	64,1816527	90,5829469	99,2280072
391	16,0157837	20,2231744	34,4986784	47,9349342	64,2364899	90,6571841	99,3081549
392	16,0311794	20,2422051	34,5303045	47,9774576	64,2913739	90,7314821	99,3883674
393	16,0465898	20,2612537	34,5619596	48,0200186	64,3463048	90,8058411	99,4686447
394	16,0620151	20,2803203	34,5936437	48,0626174	64,4012827	90,880261	99,5489868
395	16,0774551	20,2994048	34,6253569	48,105254	64,4563075	90,9547419	99,6293938
396	16,09291	20,3185073	34,6570991	48,1479285	64,5113793	91,0292838	99,7098658
397	16,1083798	20,3376277	34,6888705	48,1906407	64,5664982	91,1038868	99,7904027
398	16,1238645	20,3567661	34,7206709	48,2333909	64,6216642	91,178551	99,8710047
399	16,139364	20,3759226	34,7525006	48,276179	64,6768773	91,2532763	99,9516719
400	16,1548784	20,395097	34,7843594	48,3190051	64,7321376	91,3280629	100,032404
401	16,1704078	20,4142895	34,8162474	48,3618691	64,7874452	91,4029108	100,113202
402	16,185952	20,4335001	34,8481646	48,4047712	64,8427999	91,47782	100,194064
403	16,2015112	20,4527288	34,8801111	48,4477113	64,898202	91,5527906	100,274992
404	16,2170854	20,4719755	34,9120869	48,4906895	64,9536514	91,6278227	100,355986
405	16,2326745	20,4912404	34,944092	48,5337059	65,0091482	91,7029162	100,437045
406	16,2482787	20,5105233	34,9761264	48,5767604	65,0646924	91,7780713	100,518169
407	16,2638978	20,5298245	35,0081902	48,6198531	65,120284	91,853288	100,599359
408	16,2795319	20,5491438	35,0402834	48,662984	65,1759232	91,9285663	100,680614
409	16,2951811	20,5684812	35,072406	48,7061532	65,2316098	92,0039064	100,761935

410	16,3108453	20,5878369	35,1045581	48,7493607	65,2873441	92,0793081	100,843322
411	16,3265246	20,6072108	35,1367396	48,7926065	65,343126	92,1547717	100,924774
412	16,3422189	20,6266029	35,1689507	48,8358907	65,3989555	92,2302971	101,006293
413	16,3579283	20,6460133	35,2011912	48,8792132	65,4548328	92,3058844	101,087877
414	16,3736529	20,6654419	35,2334614	48,9225742	65,5107578	92,3815337	101,169527
415	16,3893925	20,6848888	35,2657611	48,9659737	65,5667306	92,4572449	101,251243
416	16,4051473	20,704354	35,2980904	49,0094117	65,6227511	92,5330182	101,333025
417	16,4209172	20,7238376	35,3304494	49,0528882	65,6788196	92,6088536	101,414873
418	16,4367023	20,7433394	35,362838	49,0964033	65,734936	92,6847512	101,496787
419	16,4525025	20,7628597	35,3952563	49,1399569	65,7911003	92,7607109	101,578767
420	16,468318	20,7823982	35,4277043	49,1835493	65,8473126	92,836733	101,660814
421	16,4841486	20,8019552	35,4601821	49,2271802	65,9035729	92,9128173	101,742926
422	16,4999945	20,8215306	35,4926897	49,2708499	65,9598813	92,9889639	101,825105
423	16,5158556	20,8411244	35,525227	49,3145584	66,0162378	93,065173	101,907351
424	16,5317319	20,8607366	35,5577942	49,3583056	66,0726425	93,1414445	101,989663
425	16,5476235	20,8803673	35,5903912	49,4020916	66,1290953	93,2177786	102,072041
426	16,5635304	20,9000165	35,6230181	49,4459164	66,1855964	93,2941752	102,154486
427	16,5794526	20,9196842	35,655675	49,4897802	66,2421457	93,3706344	102,236998
428	16,59539	20,9393703	35,6883617	49,5336828	66,2987434	93,4471562	102,319576
429	16,6113428	20,959075	35,7210785	49,5776244	66,3553894	93,5237408	102,402221
430	16,627311	20,9787982	35,7538252	49,621605	66,4120839	93,6003882	102,484932
431	16,6432945	20,99854	35,7866019	49,6656245	66,4688267	93,6770983	102,567711
432	16,6592933	21,0183004	35,8194087	49,7096832	66,5256181	93,7538714	102,650556
433	16,6753075	21,0380794	35,8522456	49,7537809	66,582458	93,8307073	102,733468
434	16,6913371	21,057877	35,8851126	49,7979177	66,6393464	93,9076063	102,816447
435	16,7073822	21,0776932	35,9180097	49,8420937	66,6962835	93,9845682	102,899493
436	16,7234426	21,097528	35,9509369	49,8863089	66,7532691	94,0615932	102,982607
437	16,7395185	21,1173815	35,9838944	49,9305633	66,8103035	94,1386814	103,065787
438	16,7556099	21,1372538	36,016882	49,974857	66,8673866	94,2158327	103,149035
439	16,7717167	21,1571447	36,0498999	50,0191899	66,9245185	94,2930472	103,232349
440	16,787839	21,1770543	36,0829481	50,0635622	66,9816992	94,3703251	103,315732
441	16,8039768	21,1969826	36,1160266	50,1079739	67,0389288	94,4476662	103,399181
442	16,8201301	21,2169298	36,1491354	50,1524249	67,0962072	94,5250708	103,482698
443	16,8362989	21,2368956	36,1822745	50,1969154	67,1535346	94,6025388	103,566282
444	16,8524833	21,2568803	36,215444	50,2414454	67,210911	94,6800703	103,649934
445	16,8686832	21,2768838	36,2486439	50,2860148	67,2683364	94,7576653	103,733653
446	16,8848987	21,2969061	36,2818743	50,3306238	67,3258108	94,8353239	103,81744
447	16,9011298	21,3169472	36,3151351	50,3752724	67,3833344	94,9130461	103,901295
448	16,9173765	21,3370072	36,3484264	50,4199605	67,4409071	94,9908321	103,985218
449	16,9336388	21,3570861	36,3817483	50,4646883	67,498529	95,0686818	104,069208
450	16,9499168	21,3771839	36,4151007	50,5094558	67,5562001	95,1465953	104,153266
451	16,9662104	21,3973006	36,4484836	50,554263	67,6139205	95,2245727	104,237392
452	16,9825196	21,4174362	36,4818972	50,59911	67,6716903	95,3026139	104,321586
453	16,9988445	21,4375908	36,5153414	50,6439967	67,7295094	95,3807192	104,405848
454	17,0151852	21,4577643	36,5488162	50,6889233	67,7873778	95,4588884	104,490178
455	17,0315415	21,4779568	36,5823218	50,7338897	67,8452958	95,5371217	104,574576

456	17,0479136	21,4981683	36,615858	50,778896	67,9032632	95,6154191	104,659042
457	17,0643014	21,5183989	36,649425	50,8239422	67,9612801	95,6937807	104,743576
458	17,0807049	21,5386485	36,6830228	50,8690284	68,0193466	95,7722065	104,828179
459	17,0971242	21,5589171	36,7166514	50,9141546	68,0774628	95,8506966	104,91285
460	17,1135593	21,5792048	36,7503108	50,9593208	68,1356285	95,929251	104,99759
461	17,1300102	21,5995116	36,784001	51,0045271	68,193844	96,0078698	105,082398
462	17,1464769	21,6198375	36,8177222	51,0497734	68,2521092	96,086553	105,167274
463	17,1629595	21,6401825	36,8514742	51,09506	68,3104242	96,1653007	105,252219
464	17,1794579	21,6605467	36,8852572	51,1403867	68,3687891	96,2441129	105,337233
465	17,1959721	21,6809301	36,9190712	51,1857536	68,4272037	96,3229897	105,422315
466	17,2125023	21,7013326	36,9529162	51,2311607	68,4856683	96,4019312	105,507466
467	17,2290483	21,7217543	36,9867922	51,2766082	68,5441829	96,4809374	105,592686
468	17,2456102	21,7421953	37,0206992	51,3220959	68,6027474	96,5600083	105,677974
469	17,262188	21,7626554	37,0546373	51,367624	68,661362	96,639144	105,763332
470	17,2787818	21,7831349	37,0886066	51,4131925	68,7200267	96,7183446	105,848758
471	17,2953915	21,8036336	37,122607	51,4588014	68,7787415	96,7976101	105,934254
472	17,3120172	21,8241516	37,1566385	51,5044508	68,8375064	96,8769405	106,019818
473	17,3286589	21,8446889	37,1907013	51,5501406	68,8963216	96,956336	106,105452
474	17,3453166	21,8652455	37,2247952	51,595871	68,955187	97,0357965	106,191154
475	17,3619902	21,8858215	37,2589205	51,641642	69,0141027	97,1153222	106,276926
476	17,37868	21,9064168	37,293077	51,6874536	69,0730688	97,194913	106,362768
477	17,3953857	21,9270315	37,3272648	51,7333058	69,1320852	97,2745691	106,448678
478	17,4121075	21,9476656	37,361484	51,7791987	69,1911521	97,3542904	106,534658
479	17,4288454	21,9683192	37,3957345	51,8251323	69,2502694	97,4340771	106,620708
480	17,4455994	21,9889921	37,4300165	51,8711066	69,3094372	97,5139291	106,706827
481	17,4623695	22,0096846	37,4643298	51,9171218	69,3686556	97,5938466	106,793015
482	17,4791557	22,0303964	37,4986747	51,9631777	69,4279246	97,6738296	106,879273
483	17,495958	22,0511278	37,533051	52,0092745	69,4872442	97,7538782	106,965601
484	17,5127765	22,0718787	37,5674588	52,0554122	69,5466145	97,8339924	107,051998
485	17,5296112	22,0926491	37,6018982	52,1015908	69,6060355	97,9141722	107,138466
486	17,546462	22,1134391	37,6363691	52,1478104	69,6655073	97,9944177	107,225003
487	17,5633291	22,1342486	37,6708716	52,194071	69,7250299	98,074729	107,311161
488	17,5802123	22,1550778	37,7054058	52,2403727	69,7846034	98,1551061	107,398287
489	17,5971118	22,1759265	37,7399716	52,2867154	69,8442278	98,2355491	107,485034
490	17,6140275	22,1967948	37,7745691	52,3330992	69,9039031	98,316058	107,571851
491	17,6309595	22,2176828	37,8091984	52,3795242	69,9636294	98,3966329	107,658738
492	17,6479078	22,2385904	37,8438593	52,4259903	70,0234067	98,4772738	107,745695
493	17,6648723	22,2595177	37,8785521	52,4724977	70,0832351	98,5579808	107,832723
494	17,6818532	22,2804647	37,9132766	52,5190463	70,1431147	98,638754	107,919821
495	17,6988504	22,3014314	37,948033	52,5656362	70,2030453	98,7195933	108,006989
496	17,7158639	22,3224179	37,9828213	52,6122675	70,2630272	98,8004989	108,094228
497	17,7328938	22,343424	38,0176414	52,6589401	70,3230604	98,8814709	108,181537
498	17,7499401	22,36445	38,0524935	52,7056541	70,3831448	98,9625091	108,268917
499	17,7670027	22,3854957	38,0873775	52,7524096	70,4432806	99,0436138	108,356367
500	17,7840817	22,4065613	38,1222935	52,7992065	70,5034677	99,124785	108,443888
501	17,8011772	22,4276467	38,1572415	52,846045	70,5637063	99,2060227	108,531479

502	17,8182891	22,4487519	38,1922215	52,892925	70,6239963	99,2873269	108,619141
503	17,8354174	22,4698769	38,2272336	52,9398466	70,6843379	99,3686978	108,706875
504	17,8525622	22,4910219	38,2622778	52,9868098	70,744731	99,4501354	108,794679
505	17,8697235	22,5121867	38,2973542	53,0338147	70,8051757	99,5316397	108,882553
506	17,8869013	22,5333715	38,3324627	53,0808612	70,865672	99,6132108	108,970499
507	17,9040956	22,5545762	38,3676033	53,1279496	70,9262201	99,6948488	109,058516
508	17,9213064	22,5758009	38,4027762	53,1750796	70,9868199	99,7765537	109,146604
509	17,9385338	22,5970455	38,4379813	53,2222515	71,0474714	99,8583255	109,234763
510	17,9557777	22,6183101	38,4732187	53,2694653	71,1081748	99,9401644	109,322994
511	17,9730382	22,6395947	38,5084884	53,3167209	71,16893	100,02207	109,411295
512	17,9903153	22,6608994	38,5437905	53,3640184	71,2297372	100,104043	109,499668
513	18,0076091	22,6822241	38,5791249	53,4113579	71,2905963	100,186084	109,588112
514	18,0249194	22,7035689	38,6144917	53,4587394	71,3515074	100,268191	109,676628
515	18,0422464	22,7249338	38,6498909	53,506163	71,4124705	100,350366	109,765215
516	18,05959	22,7463187	38,6853226	53,5536286	71,4734857	100,432608	109,853874
517	18,0769503	22,7677238	38,7207867	53,6011363	71,5345531	100,514917	109,942605
518	18,0943273	22,7891491	38,7562834	53,6486861	71,5956726	100,597294	110,031407
519	18,111721	22,8105945	38,7918126	53,6962781	71,6568444	100,679739	110,120281
520	18,1291314	22,83206	38,8273743	53,7439124	71,7180684	100,762251	110,209226
521	18,1465585	22,8535458	38,8629687	53,7915889	71,7793447	100,844831	110,298244
522	18,1640024	22,8750518	38,8985957	53,8393077	71,8406734	100,927478	110,387333
523	18,1814631	22,8965781	38,9342554	53,8870688	71,9020545	101,010193	110,476494
524	18,1989405	22,9181245	38,9699477	53,9348723	71,9634881	101,092976	110,565727
525	18,2164348	22,9396913	39,0056728	53,9827182	72,0249741	101,175827	110,655033
526	18,2339459	22,9612784	39,0414306	54,0306066	72,0865126	101,258745	110,74441
527	18,2514738	22,9828858	39,0772212	54,0785374	72,1481038	101,341732	110,83386
528	18,2690185	23,0045135	39,1130446	54,1265108	72,2097475	101,424786	110,923382
529	18,2865802	23,0261615	39,1489009	54,1745267	72,271444	101,507909	111,012976
530	18,3041587	23,04783	39,18479	54,2225852	72,3331931	101,5911	111,102643
531	18,3217541	23,0695188	39,2207121	54,2706863	72,394995	101,674359	111,192382
532	18,3393664	23,091228	39,256667	54,3188302	72,4568497	101,757686	111,282193
533	18,3569956	23,1129577	39,2926549	54,3670167	72,5187572	101,841081	111,372078
534	18,3746418	23,1347078	39,3286758	54,4152459	72,5807177	101,924545	111,462034
535	18,3923049	23,1564784	39,3647298	54,463518	72,6427311	102,008077	111,552064
536	18,4099851	23,1782695	39,4008168	54,5118329	72,7047975	102,091678	111,642166
537	18,4276822	23,200081	39,4369368	54,5601906	72,7669169	102,175347	111,73234
538	18,4453963	23,2219131	39,47309	54,6085912	72,8290893	102,259085	111,822588
539	18,4631275	23,2437658	39,5092763	54,6570348	72,8913149	102,342891	111,912909
540	18,4808757	23,265639	39,5454958	54,7055213	72,9535937	102,426767	112,003302
541	18,498641	23,2875328	39,5817485	54,7540509	73,0159257	102,51071	112,093769
542	18,5164233	23,3094472	39,6180345	54,8026235	73,0783109	102,594723	112,184308
543	18,5342228	23,3313822	39,6543536	54,8512392	73,1407494	102,678804	112,274921
544	18,5520393	23,3533378	39,6907061	54,899898	73,2032413	102,762955	112,365607
545	18,569873	23,3753142	39,727092	54,9486	73,2657866	102,847174	112,456366
546	18,5877239	23,3973112	39,7635111	54,9973452	73,3283853	102,931463	112,547199
547	18,6055918	23,4193289	39,7999637	55,0461336	73,3910375	103,01582	112,638104

548	18,623477	23,4413673	39,8364497	55,0949653	73,4537432	103,100247	112,729084
549	18,6413793	23,4634264	39,8729691	55,1438404	73,5165025	103,184742	112,820136
550	18,6592989	23,4855064	39,909522	55,1927588	73,5793154	103,269307	112,911263
551	18,6772357	23,5076071	39,9461084	55,2417205	73,642182	103,353942	113,002463
552	18,6951897	23,5297285	39,9827284	55,2907258	73,7051023	103,438645	113,093736
553	18,713161	23,5518709	40,0193819	55,3397745	73,7680764	103,523418	113,185083
554	18,7311496	23,574034	40,056069	55,3888667	73,8311043	103,608261	113,276505
555	18,7491554	23,596218	40,0927898	55,4380024	73,894186	103,693173	113,367999
556	18,7671786	23,6184229	40,1295442	55,4871818	73,9573216	103,778155	113,459568
557	18,7852191	23,6406487	40,1663323	55,5364047	74,0205112	103,863206	113,551211
558	18,8032769	23,6628954	40,2031542	55,5856714	74,0837547	103,948327	113,642928
559	18,8213521	23,685163	40,2400097	55,6349817	74,1470523	104,033518	113,734719
560	18,8394447	23,7074516	40,2768991	55,6843358	74,210404	104,118779	113,826584
561	18,8575546	23,7297611	40,3138223	55,7337337	74,2738098	104,204109	113,918523
562	18,875682	23,7520917	40,3507794	55,7831753	74,3372698	104,28951	114,010536
563	18,8938268	23,7744432	40,3877703	55,8326609	74,400784	104,37498	114,102624
564	18,911989	23,7968158	40,4247952	55,8821903	74,4643524	104,460521	114,194786
565	18,9301687	23,8192095	40,4618539	55,9317637	74,5279752	104,546131	114,287023
566	18,9483659	23,8416242	40,4989467	55,9813811	74,5916523	104,631812	114,379334
567	18,9665805	23,86406	40,5360734	56,0310425	74,6553839	104,717563	114,47172
568	18,9848127	23,8865169	40,5732342	56,0807479	74,7191699	104,803384	114,56418
569	19,0030624	23,908995	40,6104291	56,1304974	74,7830104	104,889276	114,656715
570	19,0213297	23,9314942	40,6476581	56,1802911	74,8469054	104,975238	114,749325
571	19,0396145	23,9540146	40,6849211	56,2301289	74,910855	105,06127	114,842009
572	19,0579168	23,9765562	40,7222184	56,2800109	74,9748593	105,147373	114,934769
573	19,0762368	23,999119	40,7595498	56,3299372	75,0389183	105,233547	115,027603
574	19,0945744	24,021703	40,7969155	56,3799078	75,1030319	105,319791	115,120512
575	19,1129296	24,0443082	40,8343154	56,4299227	75,1672004	105,406105	115,213497
576	19,1313024	24,0669348	40,8717496	56,479982	75,2314237	105,492491	115,306556
577	19,149693	24,0895826	40,9092181	56,5300857	75,2957019	105,578947	115,399691
578	19,1681011	24,1122518	40,946721	56,5802338	75,360035	105,665474	115,492901
579	19,186527	24,1349423	40,9842583	56,6304265	75,424423	105,752073	115,586186
580	19,2049706	24,1576541	41,0218299	56,6806636	75,4888661	105,838742	115,679546
581	19,223432	24,1803873	41,059436	56,7309453	75,5533642	105,925482	115,772982
582	19,241911	24,2031419	41,0970766	56,7812716	75,6179174	106,012293	115,866493
583	19,2604079	24,2259179	41,1347517	56,8316426	75,6825258	106,099175	115,96008
584	19,2789225	24,2487154	41,1724613	56,8820583	75,7471894	106,186129	116,053743
585	19,2974549	24,2715343	41,2102055	56,9325186	75,8119082	106,273154	116,147481
586	19,3160052	24,2943747	41,2479843	56,9830238	75,8766824	106,36025	116,241295
587	19,3345732	24,3172365	41,2857977	57,0335737	75,9415118	106,447417	116,335184
588	19,3531591	24,3401199	41,3236458	57,0841685	76,0063967	106,534656	116,42915
589	19,3717629	24,3630248	41,3615286	57,1348081	76,071337	106,621967	116,523191
590	19,3903846	24,3859513	41,3994461	57,1854927	76,1363328	106,709349	116,617308
591	19,4090241	24,4088994	41,4373984	57,2362223	76,2013841	106,796802	116,711502
592	19,4276816	24,431869	41,4753855	57,2869968	76,266491	106,884328	116,805771
593	19,446357	24,4548602	41,5134074	57,3378164	76,3316536	106,971925	116,900117

594	19,4650504	24,4778731	41,5514641	57,3886811	76,3968718	107,059593	116,994538
595	19,4837617	24,5009077	41,5895558	57,4395909	76,4621457	107,147334	117,089036
596	19,5024911	24,5239639	41,6276823	57,4905459	76,5274754	107,235147	117,183611
597	19,5212384	24,5470418	41,6658438	57,541546	76,5928609	107,323031	117,278261
598	19,5400038	24,5701415	41,7040403	57,5925914	76,6583023	107,410988	117,372989
599	19,5587871	24,5932628	41,7422718	57,6436821	76,7237996	107,499016	117,467792
600	19,5775886	24,616406	41,7805384	57,6948182	76,7893529	107,587117	117,562673
601	19,5964081	24,6395709	41,81884	57,7459995	76,8549621	107,67529	117,657629
602	19,6152457	24,6627576	41,8571768	57,7972263	76,9206275	107,763535	117,752663
603	19,6341014	24,6859661	41,8955487	57,8484985	76,9863489	107,851853	117,847773
604	19,6529753	24,7091965	41,9339557	57,8998162	77,0521265	107,940243	117,942961
605	19,6718673	24,7324487	41,972398	57,9511795	77,1179603	108,028705	118,038225
606	19,6907774	24,7557228	42,0108755	58,0025883	77,1838503	108,11724	118,133566
607	19,7097057	24,7790189	42,0493883	58,0540427	77,2497966	108,205848	118,228984
608	19,7286523	24,8023368	42,0879364	58,1055427	77,3157993	108,294528	118,324479
609	19,747617	24,8256767	42,1265199	58,1570884	77,3818584	108,38328	118,420051
610	19,7666	24,8490385	42,1651387	58,2086799	77,4479739	108,472106	118,5157
611	19,7856012	24,8724223	42,2037929	58,2603171	77,5141459	108,561004	118,611427
612	19,8046207	24,8958282	42,2424825	58,3120002	77,5803744	108,649975	118,707231
613	19,8236584	24,919256	42,2812077	58,363729	77,6466595	108,739019	118,803112
614	19,8427145	24,9427059	42,3199683	58,4155038	77,7130013	108,828136	118,899071
615	19,8617889	24,9661779	42,3587644	58,4673245	77,7793997	108,917326	118,995108
616	19,8808816	24,989672	42,3975961	58,5191912	77,8458549	109,00659	119,091222
617	19,8999926	25,0131881	42,4364635	58,5711039	77,9123668	109,095926	119,187413
618	19,9191221	25,0367264	42,4753664	58,6230626	77,9789356	109,185335	119,283682
619	19,9382699	25,0602869	42,514305	58,6750674	78,0455613	109,274818	119,380029
620	19,9574361	25,0838695	42,5532793	58,7271184	78,1122439	109,364374	119,476454
621	19,9766208	25,1074743	42,5922894	58,7792155	78,1789834	109,454004	119,572957
622	19,9958239	25,1311013	42,6313352	58,8313589	78,24578	109,543707	119,669537
623	20,0150455	25,1547506	42,6704168	58,8835485	78,3126336	109,633483	119,766196
624	20,0342855	25,1784221	42,7095342	58,9357844	78,3795444	109,723333	119,862933
625	20,053544	25,2021159	42,7486875	58,9880666	78,4465123	109,813257	119,959748
626	20,0728211	25,225832	42,7878766	59,0403952	78,5135375	109,903255	120,056641
627	20,0921167	25,2495704	42,8271017	59,0927703	78,5806199	109,993326	120,153612
628	20,1114308	25,2733311	42,8663628	59,1451918	78,6477597	110,083471	120,250662
629	20,1307635	25,2971142	42,9056598	59,1976598	78,7149568	110,17369	120,34779
630	20,1501147	25,3209197	42,9449929	59,2501744	78,7822113	110,263982	120,444996
631	20,1694846	25,3447476	42,984362	59,3027355	78,8495232	110,354349	120,542281
632	20,1888731	25,3685979	43,0237673	59,3553433	78,9168927	110,44479	120,639645
633	20,2082803	25,3924707	43,0632086	59,4079977	78,9843198	110,535305	120,737087
634	20,227706	25,4163659	43,1026861	59,4606988	79,0518044	110,625894	120,834608
635	20,2471505	25,4402836	43,1421998	59,5134467	79,1193468	110,716558	120,932207
636	20,2666137	25,4642238	43,1817497	59,5662414	79,1869468	110,807295	121,029886
637	20,2860955	25,4881865	43,2213359	59,619083	79,2546046	110,898107	121,127643
638	20,3055961	25,5121718	43,2609584	59,6719714	79,3223202	110,988994	121,22548
639	20,3251155	25,5361797	43,3006172	59,7249067	79,3900936	111,079955	121,323395

640	20,3446536	25,5602101	43,3403123	59,777889	79,457925	111,17099	121,42139
641	20,3642104	25,5842632	43,3800438	59,8309182	79,5258143	111,262101	121,519463
642	20,3837861	25,6083389	43,4198118	59,8839946	79,5937616	111,353285	121,617616
643	20,4033806	25,6324372	43,4596162	59,9371118	79,661767	111,444545	121,715848
644	20,422994	25,6565583	43,4994571	59,9902885	79,7298305	111,535879	121,81416
645	20,4426261	25,680702	43,5393346	60,0435062	79,7979521	111,627289	121,912551
646	20,4622772	25,7048685	43,5792485	60,0967711	79,8661319	111,718773	122,011021
647	20,4819472	25,7290577	43,6191991	60,1500833	79,93437	111,810332	122,109571
648	20,501636	25,7532696	43,6591863	60,2034427	80,0026664	111,901966	122,2082
649	20,5213438	25,7775044	43,6992102	60,2568495	80,0710211	111,993675	122,30691
650	20,5410705	25,8017619	43,7392707	60,3103037	80,1394343	112,085459	122,405698
651	20,5608162	25,8260423	43,779368	60,3638053	80,2079059	112,177319	122,504567
652	20,5805809	25,8503455	43,819502	60,4173543	80,276436	112,269254	122,603516
653	20,6003646	25,8746716	43,8596729	60,4709509	80,3450246	112,361264	122,702544
654	20,6201673	25,8990206	43,8998805	60,524595	80,4136719	112,45335	122,801653
655	20,639989	25,9233925	43,940125	60,5782866	80,4823778	112,545511	122,900841
656	20,6598298	25,9477873	43,9804064	60,632026	80,5511424	112,637747	123,00011
657	20,6796896	25,9722051	44,0207247	60,685813	80,6199658	112,73006	123,099458
658	20,6995686	25,9966459	44,06108	60,7396477	80,6888479	112,822448	123,198887
659	20,7194666	26,0211096	44,1014723	60,7935301	80,757789	112,914911	123,298397
660	20,7393838	26,0455964	44,1419016	60,8474604	80,8267889	113,007451	123,397987
661	20,7593202	26,0701062	44,182368	60,9014385	80,8958478	113,100066	123,497657
662	20,7792756	26,0946391	44,2228715	60,9554645	80,9649656	113,192757	123,597407
663	20,7992503	26,1191951	44,2634121	61,0095384	81,0341426	113,285524	123,697239
664	20,8192442	26,1437742	44,3039899	61,0636603	81,1033786	113,378367	123,79715
665	20,8392573	26,1683764	44,3446049	61,1178301	81,1726738	113,471286	123,897143
666	20,8592896	26,1930018	44,3852571	61,1720481	81,2420282	113,564282	123,997216
667	20,8793412	26,2176503	44,4259465	61,2263141	81,3114419	113,657353	124,097371
668	20,8994121	26,2423221	44,4666733	61,2806283	81,3809148	113,750501	124,197606
669	20,9195022	26,267017	44,5074374	61,3349907	81,4504472	113,843725	124,297922
670	20,9396117	26,2917352	44,5482389	61,3894013	81,5200389	113,937026	124,398319
671	20,9597405	26,3164767	44,5890778	61,4438601	81,5896901	114,030403	124,498797
672	20,9798887	26,3412414	44,6299541	61,4983673	81,6594008	114,123856	124,599356
673	21,0000562	26,3660295	44,6708679	61,5529228	81,7291711	114,217387	124,699997
674	21,0202431	26,3908408	44,7118192	61,6075268	81,7990009	114,310993	124,800718
675	21,0404494	26,4156756	44,752808	61,6621791	81,8688905	114,404677	124,901522
676	21,0606752	26,4405337	44,7938344	61,71688	81,9388397	114,498437	125,002406
677	21,0809203	26,4654151	44,8348985	61,7716293	82,0088488	114,592274	125,103372
678	21,101185	26,49032	44,8760002	61,8264273	82,0789176	114,686188	125,20442
679	21,1214691	26,5152484	44,9171395	61,8812738	82,1490463	114,78018	125,305549
680	21,1417727	26,5402002	44,9583166	61,936169	82,2192349	114,874248	125,40676
681	21,1620958	26,5651754	44,9995314	61,9911129	82,2894835	114,968393	125,508053
682	21,1824385	26,5901742	45,040784	62,0461056	82,3597921	115,062615	125,609427
683	21,2028007	26,6151965	45,0820744	62,101147	82,4301608	115,156915	125,710884
684	21,2231826	26,6402423	45,1234027	62,1562372	82,5005896	115,251291	125,812422
685	21,2435839	26,6653117	45,1647688	62,2113764	82,5710786	115,345746	125,914042

686	21,264005	26,6904048	45,2061729	62,2665644	82,6416278	115,440277	126,015745
687	21,2844456	26,7155214	45,2476149	62,3218014	82,7122373	115,534886	126,117529
688	21,3049059	26,7406616	45,289095	62,3770874	82,7829071	115,629573	126,219396
689	21,3253858	26,7658255	45,330613	62,4324224	82,8536373	115,724337	126,321345
690	21,3458855	26,7910131	45,3721691	62,4878066	82,9244279	115,819179	126,423376
691	21,3664048	26,8162244	45,4137633	62,5432398	82,995279	115,914098	126,52549
692	21,3869439	26,8414594	45,4553957	62,5987223	83,0661907	116,009096	126,627687
693	21,4075027	26,8667182	45,4970662	62,6542539	83,1371629	116,104171	126,729965
694	21,4280813	26,8920007	45,5387749	62,7098348	83,2081958	116,199324	126,832327
695	21,4486796	26,9173071	45,5805218	62,7654651	83,2792894	116,294555	126,934771
696	21,4692978	26,9426372	45,622307	62,8211446	83,3504437	116,389864	127,037298
697	21,4899358	26,9679912	45,6641305	62,8768736	83,4216588	116,485252	127,139907
698	21,5105936	26,993369	45,7059924	62,932652	83,4929347	116,580717	127,2426
699	21,5312713	27,0187707	45,7478926	62,9884799	83,5642716	116,676261	127,345376
700	21,5519688	27,0441964	45,7898313	63,0443573	83,6356694	116,771883	127,448234
701	21,5726863	27,0696459	45,8318084	63,1002843	83,7071282	116,867583	127,551176
702	21,5934236	27,0951194	45,8738239	63,1562609	83,778648	116,963362	127,6542
703	21,6141809	27,1206169	45,915878	63,2122871	83,850229	117,059219	127,757308
704	21,6349582	27,1461383	45,9579707	63,2683631	83,9218711	117,155155	127,8605
705	21,6557554	27,1716838	46,0001019	63,3244888	83,9935744	117,251169	127,963774
706	21,6765726	27,1972533	46,0422718	63,3806643	84,065339	117,347263	128,067132
707	21,6974099	27,2228469	46,0844803	63,4368896	84,1371649	117,443434	128,170574
708	21,7182671	27,2484646	46,1267275	63,4931648	84,2090522	117,539685	128,274099
709	21,7391444	27,2741064	46,1690134	63,5494899	84,2810009	117,636015	128,377707
710	21,7600418	27,2997723	46,2113381	63,605865	84,3530111	117,732423	128,4814
711	21,7809593	27,3254623	46,2537016	63,6622901	84,4250828	117,828911	128,585176
712	21,8018968	27,3511766	46,296104	63,7187652	84,4972161	117,925478	128,689036
713	21,8228545	27,376915	46,3385452	63,7752905	84,569411	118,022123	128,79298
714	21,8438324	27,4026776	46,3810253	63,8318659	84,6416676	118,118848	128,897007
715	21,8648304	27,4284645	46,4235444	63,8884915	84,7139859	118,215653	129,001119
716	21,8858486	27,4542757	46,4661024	63,9451673	84,786366	118,312536	129,105315
717	21,906887	27,4801111	46,5086995	64,0018934	84,858808	118,409499	129,209595
718	21,9279456	27,5059709	46,5513356	64,0586698	84,9313119	118,506542	129,313959
719	21,9490245	27,531855	46,5940107	64,1154966	85,0038777	118,603664	129,418408
720	21,9701236	27,5577634	46,6367251	64,1723738	85,0765055	118,700865	129,522941
721	21,991243	27,5836963	46,6794785	64,2293014	85,1491953	118,798146	129,627558
722	22,0123827	27,6096535	46,7222712	64,2862796	85,2219473	118,895507	129,73226
723	22,0335428	27,6356352	46,7651031	64,3433083	85,2947614	118,992948	129,837046
724	22,0547232	27,6616413	46,8079742	64,4003875	85,3676378	119,090469	129,941918
725	22,0759239	27,6876719	46,8508847	64,4575175	85,4405764	119,188069	130,046873
726	22,097145	27,713727	46,8938345	64,5146981	85,5135773	119,28575	130,151914
727	22,1183865	27,7398066	46,9368237	64,5719294	85,5866406	119,383511	130,257039
728	22,1396485	27,7659107	46,9798522	64,6292115	85,6597663	119,481351	130,36225
729	22,1609308	27,7920394	47,0229203	64,6865444	85,7329545	119,579272	130,467545
730	22,1822337	27,8181927	47,0660278	64,7439282	85,8062052	119,677273	130,572925
731	22,203557	27,8443706	47,1091748	64,8013628	85,8795186	119,775355	130,678391

732	22,2249008	27,8705731	47,1523614	64,8588485	85,9528945	119,873517	130,783941
733	22,2462651	27,8968003	47,1955875	64,9163851	86,0263332	119,971759	130,889577
734	22,26765	27,9230522	47,2388533	64,9739728	86,0998346	120,070082	130,995298
735	22,2890554	27,9493288	47,2821588	65,0316115	86,1733988	120,168485	131,101105
736	22,3104814	27,9756301	47,325504	65,0893014	86,2470258	120,266969	131,206997
737	22,331928	28,0019562	47,3688889	65,1470425	86,3207158	120,365534	131,312975
738	22,3533952	28,028307	47,4123135	65,2048347	86,3944687	120,464179	131,419038
739	22,374883	28,0546826	47,455778	65,2626783	86,4682846	120,562906	131,525187
740	22,3963915	28,0810831	47,4992823	65,3205732	86,5421636	120,661713	131,631421
741	22,4179207	28,1075084	47,5428265	65,3785194	86,6161058	120,760601	131,737742
742	22,4394706	28,1339586	47,5864107	65,436517	86,6901111	120,859571	131,844148
743	22,4610411	28,1604336	47,6300347	65,4945661	86,7641796	120,958621	131,95064
744	22,4826325	28,1869336	47,6736988	65,5526667	86,8383114	121,057753	132,057219
745	22,5042445	28,2134585	47,7174029	65,6108188	86,9125066	121,156966	132,163883
746	22,5258774	28,2400084	47,7611471	65,6690225	86,9867651	121,25626	132,270633
747	22,547531	28,2665832	47,8049313	65,7272778	87,0610871	121,355635	132,37747
748	22,5692055	28,2931831	47,8487557	65,7855848	87,1354726	121,455092	132,484393
749	22,5909008	28,3198079	47,8926203	65,8439436	87,2099217	121,554631	132,591402
750	22,612617	28,3464579	47,9365251	65,9023541	87,2844343	121,654251	132,698498
751	22,634354	28,3731329	47,9804701	65,9608164	87,3590107	121,753952	132,805681
752	22,6561119	28,399833	48,0244555	66,0193306	87,4336507	121,853736	132,912949
753	22,6778907	28,4265583	48,0684811	66,0778967	87,5083545	121,953601	133,020305
754	22,6996905	28,4533087	48,1125471	66,1365147	87,5831222	122,053548	133,127747
755	22,7215112	28,4800843	48,1566535	66,1951848	87,6579537	122,153577	133,235276
756	22,743353	28,506885	48,2008004	66,2539069	87,7328492	122,253688	133,342892
757	22,7652157	28,533711	48,2449877	66,3126811	87,8078086	122,353881	133,450595
758	22,7870994	28,5605623	48,2892155	66,3715074	87,8828321	122,454156	133,558385
759	22,8090041	28,5874388	48,3334839	66,4303859	87,9579197	122,554513	133,666262
760	22,8309299	28,6143406	48,3777928	66,4893166	88,0330715	122,654953	133,774226
761	22,8528768	28,6412677	48,4221424	66,5482997	88,1082874	122,755475	133,882277
762	22,8748448	28,6682201	48,4665326	66,607335	88,1835677	122,856079	133,990415
763	22,8968339	28,6951979	48,5109635	66,6664227	88,2589122	122,956765	134,098641
764	22,9188441	28,7222011	48,5554352	66,7255629	88,3343211	123,057535	134,206954
765	22,9408755	28,7492297	48,5999476	66,7847555	88,4097945	123,158386	134,315355
766	22,9629281	28,7762838	48,6445008	66,8440006	88,4853323	123,259321	134,423843
767	22,9850019	28,8033633	48,6890949	66,9032982	88,5609347	123,360338	134,532419
768	23,0070969	28,8304683	48,7337298	66,9626485	88,6366017	123,461438	134,641083
769	23,0292131	28,8575988	48,7784057	67,0220514	88,7123333	123,562621	134,749834
770	23,0513506	28,8847548	48,8231225	67,081507	88,7881297	123,663886	134,858673
771	23,0735094	28,9119364	48,8678803	67,1410154	88,8639908	123,765235	134,9676
772	23,0956895	28,9391435	48,9126791	67,2005765	88,9399167	123,866667	135,076615
773	23,1178909	28,9663763	48,9575191	67,2601905	89,0159074	123,968182	135,185719
774	23,1401136	28,9936347	49,0024001	67,3198574	89,0919631	124,06978	135,29491
775	23,1623577	29,0209187	49,0473222	67,3795772	89,1680838	124,171461	135,404189
776	23,1846232	29,0482284	49,0922856	67,43935	89,2442696	124,273226	135,513557
777	23,2069101	29,0755639	49,1372901	67,4991758	89,3205204	124,375074	135,623013

778	23,2292184	29,102925	49,182336	67,5590546	89,3968364	124,477005	135,732558
779	23,2515481	29,1303119	49,2274231	67,6189866	89,4732175	124,57902	135,84219
780	23,2738993	29,1577245	49,2725515	67,6789718	89,549664	124,681119	135,951912
781	23,296272	29,185163	49,3177214	67,7390101	89,6261757	124,783301	136,061722
782	23,3186663	29,2126273	49,3629326	67,7991018	89,7027528	124,885568	136,171621
783	23,341082	29,2401174	49,4081853	67,8592467	89,7793954	124,987918	136,281609
784	23,3635193	29,2676334	49,4534794	67,919445	89,8561034	125,090351	136,391685
785	23,3859781	29,2951753	49,4988151	67,9796967	89,932877	125,192869	136,50185
786	23,4084586	29,3227431	49,5441924	68,0400019	90,0097162	125,295471	136,612105
787	23,4309606	29,3503368	49,5896112	68,1003605	90,086621	125,398157	136,722448
788	23,4534843	29,3779565	49,6350717	68,1607727	90,1635915	125,500927	136,83288
789	23,4760297	29,4056022	49,6805738	68,2212385	90,2406278	125,603781	136,943402
790	23,4985967	29,4332739	49,7261177	68,2817579	90,3177299	125,706719	137,054013
791	23,5211854	29,4609717	49,7717033	68,342331	90,3948979	125,809742	137,164713
792	23,5437958	29,4886955	49,8173307	68,4029578	90,4721319	125,91285	137,275503
793	23,5664279	29,5164454	49,863	68,4636384	90,5494318	126,016042	137,386382
794	23,5890818	29,5442214	49,9087111	68,5243729	90,6267977	126,119318	137,497351
795	23,6117575	29,5720236	49,9544641	68,5851612	90,7042298	126,222679	137,60841
796	23,634455	29,5998519	50,000259	68,6460035	90,781728	126,326125	137,719558
797	23,6571743	29,6277064	50,046096	68,7068997	90,8592925	126,429655	137,830796
798	23,6799154	29,6555871	50,0919749	68,76785	90,9369232	126,533271	137,942123
799	23,7026784	29,6834941	50,1378959	68,8288543	91,0146202	126,636971	138,053541
800	23,7254633	29,7114273	50,183859	68,8899127	91,0923836	126,740756	138,165049
801	23,7482701	29,7393868	50,2298643	68,9510253	91,1702135	126,844627	138,276646
802	23,7710988	29,7673727	50,2759117	69,0121921	91,2481098	126,948582	138,388334
803	23,7939495	29,7953848	50,3220013	69,0734132	91,3260727	127,052623	138,500112
804	23,8168221	29,8234233	50,3681332	69,1346886	91,4041023	127,156749	138,611981
805	23,8397167	29,8514882	50,4143074	69,1960184	91,4821985	127,26096	138,723939
806	23,8626333	29,8795795	50,4605239	69,2574025	91,5603614	127,365257	138,835988
807	23,8855719	29,9076973	50,5067828	69,3188411	91,6385911	127,469639	138,948128
808	23,9085326	29,9358415	50,5530841	69,3803342	91,7168876	127,574106	139,060358
809	23,9315154	29,9640122	50,5994278	69,4418819	91,7952511	127,67866	139,172679
810	23,9545202	29,9922094	50,645814	69,5034841	91,8736815	127,783299	139,285091
811	23,9775472	30,0204331	50,6922428	69,565141	91,9521789	127,888024	139,397593
812	24,0005963	30,0486834	50,7387141	69,6268526	92,0307433	127,992834	139,510186
813	24,0236676	30,0769603	50,785228	69,688619	92,1093749	128,097731	139,622871
814	24,046761	30,1052638	50,8317845	69,7504401	92,1880737	128,202713	139,735646
815	24,0698767	30,1335939	50,8783837	69,8123161	92,2668398	128,307782	139,848512
816	24,0930145	30,1619507	50,9250257	69,874247	92,3456731	128,412936	139,961469
817	24,1161746	30,1903341	50,9717104	69,9362328	92,4245738	128,518177	140,074518
818	24,139357	30,2187443	51,0184379	69,9982736	92,5035418	128,623504	140,187658
819	24,1625616	30,2471812	51,0652082	70,0603694	92,5825774	128,728917	140,30089
820	24,1857886	30,2756449	51,1120214	70,1225203	92,6616805	128,834417	140,414212
821	24,2090379	30,3041353	51,1588775	70,1847264	92,7408512	128,940003	140,527627
822	24,2323095	30,3326526	51,2057766	70,2469876	92,8200895	129,045676	140,641133
823	24,2556035	30,3611967	51,2527187	70,3093041	92,8993955	129,151435	140,754731

824	24,2789199	30,3897677	51,2997038	70,3716759	92,9787693	129,257281	140,86842
825	24,3022587	30,4183655	51,346732	70,4341029	93,0582109	129,363214	140,982201
826	24,32562	30,4469903	51,3938033	70,4965854	93,1377204	129,469234	141,096074
827	24,3490037	30,475642	51,4409177	70,5591233	93,2172978	129,575534	141,210039
828	24,3724099	30,5043207	51,4880753	70,6217167	93,2969432	129,681534	141,324097
829	24,3958385	30,5330263	51,5352762	70,6843656	93,3766566	129,787814	141,438246
830	24,4192897	30,561759	51,5825203	70,74707	93,4564382	129,894182	141,552488
831	24,4427635	30,5905187	51,6298078	70,8098301	93,5362879	130,000636	141,666821
832	24,4662598	30,6193054	51,6771386	70,8726459	93,6162059	130,107178	141,781247
833	24,4897787	30,6481193	51,7245128	70,9355174	93,6961921	130,213808	141,895766
834	24,5133202	30,6769602	51,7719304	70,9984447	93,7762467	130,320524	142,010377
835	24,5368843	30,7058284	51,8193915	71,0614278	93,8563696	130,427328	142,125081
836	24,5604711	30,7347236	51,8668961	71,1244667	93,9365611	130,53422	142,239877
837	24,5840806	30,7636461	51,9144442	71,1875616	94,016821	130,641199	142,354766
838	24,6077127	30,7925958	51,9620359	71,2507125	94,0971495	130,748266	142,469748
839	24,6313676	30,8215727	52,0096713	71,3139194	94,1775467	130,855421	142,584822
840	24,6550452	30,8505769	52,0573503	71,3771823	94,2580125	130,962663	142,69999
841	24,6787456	30,8796084	52,1050731	71,4405014	94,3385471	131,069994	142,815251
842	24,7024687	30,9086672	52,1528396	71,5038766	94,4191505	131,177412	142,930604
843	24,7262147	30,9377533	52,2006499	71,5673081	94,4998228	131,284919	143,046051
844	24,7499835	30,9668669	52,248504	71,6307958	94,580564	131,392513	143,161591
845	24,7737751	30,9960078	52,2964019	71,6943399	94,6613741	131,500196	143,277225
846	24,7975896	31,0251761	52,3443438	71,7579403	94,7422534	131,607967	143,392952
847	24,821427	31,0543719	52,3923297	71,8215971	94,8232017	131,715826	143,508772
848	24,8452873	31,0835952	52,4403595	71,8853105	94,9042192	131,823774	143,624686
849	24,8691705	31,112846	52,4884333	71,9490803	94,9853059	131,93181	143,740694
850	24,8930768	31,1421243	52,5365513	72,0129067	95,0664619	132,039934	143,856795
851	24,9170059	31,1714301	52,5847133	72,0767897	95,1476872	132,148148	143,972299
852	24,9409581	31,2007635	52,6329195	72,1407294	95,228982	132,25645	144,089279
853	24,9649333	31,2301245	52,6811699	72,2047259	95,3103462	132,36484	144,205662
854	24,9889316	31,2595132	52,7294645	72,268779	95,3917799	132,47332	144,322138
855	25,0129529	31,2889295	52,7778034	72,3328891	95,4732832	132,581888	144,438709
856	25,0369973	31,3183735	52,8261866	72,3970559	95,5548561	132,690546	144,555374
857	25,0610649	31,3478452	52,8746142	72,4612797	95,6364987	132,799292	144,672133
858	25,0851555	31,3773446	52,9230861	72,5255605	95,7182111	132,908128	144,788987
859	25,1092694	31,4068718	52,9716025	72,5898983	95,7999933	133,017053	144,905935
860	25,1334064	31,4364268	53,0201634	72,6542932	95,8818454	133,126067	145,022977
861	25,1575666	31,4660096	53,0687687	72,7187452	95,9637674	133,23517	145,140114
862	25,18175	31,4956202	53,1174187	72,7832544	96,0457594	133,344363	145,257346
863	25,2059567	31,5252587	53,1661132	72,8478208	96,1278214	133,453645	145,374672
864	25,2301867	31,5549251	53,2148524	72,9124445	96,2099536	133,563017	145,492093
865	25,2544399	31,5846194	53,2636363	72,9771255	96,2921559	133,672479	145,609609
866	25,2787165	31,6143417	53,3124649	73,0418639	96,3744285	133,78203	145,72722
867	25,3030163	31,6440919	53,3613382	73,1066597	96,4567714	133,891671	145,844926
868	25,3273396	31,6738701	53,4102564	73,171513	96,5391846	134,001402	145,962726
869	25,3516862	31,7036763	53,4592193	73,2364238	96,6216682	134,111223	146,080622

870	25,3760563	31,7335106	53,5082272	73,3013923	96,7042224	134,221134	146,198614
871	25,4004497	31,763373	53,55728	73,3664183	96,786847	134,331135	146,3167
872	25,4248666	31,7932635	53,6063778	73,431502	96,8695423	134,441226	146,434882
873	25,449307	31,823182	53,6555206	73,4966435	96,9523082	134,551407	146,553159
874	25,4737709	31,8531288	53,7047084	73,5618428	97,0351448	134,661678	146,671532
875	25,4982583	31,8831037	53,7539414	73,6270999	97,1180522	134,77204	146,790001
876	25,5227692	31,9131068	53,8032194	73,6924149	97,2010304	134,882493	146,908565
877	25,5473037	31,9431382	53,8525427	73,7577878	97,2840795	134,993036	147,027225
878	25,5718618	31,9731978	53,9019111	73,8232187	97,3671996	135,103669	147,145981
879	25,5964435	32,0032858	53,9513248	73,8887077	97,4503907	135,214393	147,264833
880	25,6210488	32,033402	54,0007838	73,9542547	97,5336529	135,325208	147,38378
881	25,6456778	32,0635465	54,0502882	74,0198599	97,6169862	135,436114	147,502824
882	25,6703304	32,0937195	54,0998379	74,0855233	97,7003907	135,54711	147,621964
883	25,6950068	32,1239208	54,1494331	74,151245	97,7838665	135,658198	147,7412
884	25,7197068	32,1541506	54,1990737	74,217025	97,8674136	135,769377	147,860533
885	25,7444306	32,1844088	54,2487598	74,2828633	97,9510321	135,880646	147,979962
886	25,7691782	32,2146954	54,2984915	74,34876	98,034722	135,992007	148,099487
887	25,7939496	32,2450106	54,3482688	74,4147152	98,1184834	136,10346	148,219109
888	25,8187447	32,2753543	54,3980917	74,4807288	98,2023164	136,215003	148,338827
889	25,8435638	32,3057266	54,4479603	74,5468011	98,2862211	136,326638	148,458642
890	25,8684066	32,3361274	54,4978746	74,612932	98,3701974	136,438365	148,578554
891	25,8932734	32,3665568	54,5478346	74,6791215	98,4542454	136,550183	148,698563
892	25,918164	32,3970149	54,5978405	74,7453697	98,5383653	136,662092	148,818669
893	25,9430786	32,4275017	54,6478922	74,8116767	98,6225571	136,774094	148,938872
894	25,9680171	32,4580171	54,6979897	74,8780426	98,7068208	136,886187	149,059172
895	25,9929796	32,4885612	54,7481332	74,9444673	98,7911564	136,998372	149,179569
896	26,0179661	32,5191341	54,7983227	75,0109509	98,8755642	137,110649	149,300063
897	26,0429767	32,5497358	54,8485582	75,0774935	98,960044	137,223018	149,420655
898	26,0680112	32,5803662	54,8988397	75,1440951	99,0445961	137,335479	149,541344
899	26,0930698	32,6110255	54,9491674	75,2107559	99,1292203	137,448032	149,66213
900	26,1181526	32,6417137	54,9995411	75,2774757	99,2139169	137,560678	149,783014
901	26,1432594	32,6724307	55,0499611	75,3442548	99,2986859	137,673415	149,903996
902	26,1683903	32,7031766	55,1004272	75,411093	99,3835272	137,786246	150,025075
903	26,1935455	32,7339514	55,1509397	75,4779906	99,4684411	137,899168	150,146252
904	26,2187248	32,7647552	55,2014984	75,5449475	99,5534275	138,012183	150,267528
905	26,2439283	32,795588	55,2521035	75,6119639	99,6384865	138,125291	150,388901
906	26,269156	32,8264499	55,302755	75,6790396	99,7236182	138,238492	150,510372
907	26,294408	32,8573407	55,3534529	75,7461749	99,8088227	138,351785	150,631941
908	26,3196842	32,8882606	55,4041973	75,8133697	99,8940999	138,465171	150,753608
909	26,3449848	32,9192097	55,4549882	75,8806242	99,97945	138,57865	150,875374
910	26,3703096	32,9501878	55,5058257	75,9479383	100,064873	138,692222	150,997238
911	26,3956589	32,9811951	55,5567097	76,0153121	100,150369	138,805888	151,1192
912	26,4210325	33,0122316	55,6076405	76,0827457	100,235938	138,919646	151,241261
913	26,4464304	33,0432972	55,6586179	76,1502391	100,32158	139,033497	151,363421
914	26,4718528	33,0743922	55,709642	76,2177923	100,407296	139,147442	151,485679
915	26,4972996	33,1055163	55,7607129	76,2854055	100,493084	139,261481	151,608036

916	26,5227709	33,1366698	55,8118307	76,3530787	100,578946	139,375612	151,730492
917	26,5482667	33,1678526	55,8629953	76,4208119	100,664881	139,489837	151,853046
918	26,573787	33,1990647	55,9142068	76,4886052	100,75089	139,604156	151,9757
919	26,5993318	33,2303062	55,9654652	76,5564587	100,836972	139,718569	152,098453
920	26,6249012	33,2615771	56,0167707	76,6243723	100,923128	139,833075	152,221305
921	26,6504951	33,2928774	56,0681231	76,6923462	101,009357	139,947675	152,344256
922	26,6761137	33,3242072	56,1195227	76,7603804	101,09566	140,062369	152,467306
923	26,7017569	33,3555665	56,1709694	76,8284749	101,182037	140,177157	152,590456
924	26,7274247	33,3869553	56,2224632	76,8966299	101,268487	140,29204	152,713706
925	26,7531172	33,4183736	56,2740042	76,9648453	101,355012	140,407016	152,837054
926	26,7788344	33,4498214	56,3255925	77,0331212	101,44161	140,522086	152,960503
927	26,8045763	33,4812989	56,3772281	77,1014577	101,528282	140,637251	153,084051
928	26,830343	33,512806	56,428911	77,1698548	101,615029	140,75251	153,207699
929	26,8561344	33,5443427	56,4806413	77,2383126	101,701849	140,867864	153,331447
930	26,8819507	33,5759092	56,532419	77,3068311	101,788744	140,983312	153,455295
931	26,9077917	33,6075053	56,5842442	77,3754104	101,875713	141,098855	153,579243
932	26,9336576	33,6391311	56,6361169	77,4440505	101,962756	141,214493	153,70329
933	26,9595484	33,6707867	56,6880372	77,5127515	102,049873	141,330225	153,827439
934	26,985464	33,7024722	56,740005	77,5815135	102,137065	141,446052	153,951687
935	27,0114046	33,7341874	56,7920205	77,6503365	102,224332	141,561974	154,076036
936	27,03737	33,7659324	56,8440837	77,7192205	102,311673	141,677991	154,200485
937	27,0633605	33,7977074	56,8961946	77,7881656	102,399089	141,794103	154,325035
938	27,0893759	33,8295122	56,9483533	77,8571719	102,486579	141,910311	154,449685
939	27,1154164	33,861347	57,0005598	77,9262394	102,574144	142,026613	154,574436
940	27,1414818	33,8932117	57,0528141	77,9953682	102,661784	142,143011	154,699288
941	27,1675724	33,9251064	57,1051164	78,0645583	102,749499	142,259504	154,824241
942	27,193688	33,9570312	57,1574666	78,1338098	102,837289	142,376093	154,949294
943	27,2198287	33,9889859	57,2098647	78,2031227	102,925154	142,492777	155,074449
944	27,2459945	34,0209708	57,262311	78,2724971	103,013093	142,609557	155,199704
945	27,2721855	34,0529857	57,3148053	78,341933	103,101108	142,726433	155,325061
946	27,2984017	34,0850308	57,3673477	78,4114306	103,189199	142,843404	155,450519
947	27,3246431	34,117106	57,4199383	78,4809898	103,277364	142,960471	155,576079
948	27,3509097	34,1492114	57,4725771	78,5506107	103,365605	143,077635	155,701739
949	27,3772015	34,181347	57,5252642	78,6202933	103,453921	143,194894	155,827502
950	27,4035186	34,2135129	57,5779995	78,6900378	103,542313	143,312249	155,953366
951	27,4298611	34,245709	57,6307832	78,7598441	103,63078	143,429701	156,079331
952	27,4562288	34,2779355	57,6836153	78,8297124	103,719322	143,547248	156,205399
953	27,4826219	34,3101922	57,7364959	78,8996427	103,807941	143,664893	156,331568
954	27,5090404	34,3424793	57,7894249	78,9696349	103,896635	143,782633	156,457839
955	27,5354842	34,3747968	57,8424024	79,0396893	103,985405	143,90047	156,584212
956	27,5619535	34,4071447	57,8954285	79,1098058	104,074251	144,018404	156,710687
957	27,5884482	34,4395231	57,9485032	79,1799846	104,163172	144,136434	156,837264
958	27,6149684	34,4719319	58,0016265	79,2502255	104,25217	144,254561	156,963944
959	27,6415141	34,5043712	58,0547986	79,3205288	104,341243	144,372785	157,090725
960	27,6680853	34,536841	58,1080194	79,3908945	104,430393	144,491105	157,21761
961	27,694682	34,5693414	58,161289	79,4613226	104,519619	144,609523	157,344596

962	27,7213043	34,6018724	58,2146074	79,5318131	104,608921	144,728038	157,471686
963	27,7479522	34,634434	58,2679747	79,6023662	104,6983	144,846649	157,598878
964	27,7746257	34,6670262	58,321391	79,6729819	104,787755	144,965358	157,726172
965	27,8013249	34,6996491	58,3748562	79,7436602	104,877286	145,084165	157,85357
966	27,8280497	34,7323027	58,4283704	79,8144012	104,966894	145,203068	157,98107
967	27,8548002	34,7649871	58,4819337	79,885205	105,056578	145,32207	158,108674
968	27,8815765	34,7977021	58,535546	79,9560716	105,146339	145,441168	158,23638
969	27,9083784	34,830448	58,5892075	80,027001	105,236177	145,560364	158,36419
970	27,9352062	34,8632247	58,6429183	80,0979934	105,326091	145,679658	158,492102
971	27,9620597	34,8960322	58,6966782	80,1690488	105,416082	145,79905	158,620118
972	27,988939	34,9288706	58,7504875	80,2401671	105,50615	145,91854	158,748238
973	28,0158442	34,96174	58,804346	80,3113486	105,596295	146,038127	158,876461
974	28,0427752	34,9946402	58,858254	80,3825932	105,686517	146,157813	159,004788
975	28,0697321	35,0275714	58,9122113	80,4539011	105,776817	146,277596	159,133218
976	28,096715	35,0605336	58,9662181	80,5252721	105,867193	146,397478	159,261752
977	28,1237238	35,0935268	59,0202745	80,5967065	105,957647	146,517458	159,39039
978	28,1507585	35,126551	59,0743804	80,6682043	106,048177	146,637536	159,519131
979	28,1778192	35,1596064	59,1285359	80,7397655	106,138786	146,757713	159,647977
980	28,204906	35,1926928	59,182741	80,8113901	106,229471	146,877988	159,776927
981	28,2320187	35,2258104	59,2369958	80,8830784	106,320234	146,998362	159,905981
982	28,2591576	35,2589591	59,2913004	80,9548302	106,411075	147,118835	160,035139
983	28,2863225	35,292139	59,3456547	81,0266456	106,501993	147,239406	160,164401
984	28,3135135	35,3253502	59,4000589	81,0985248	106,592989	147,360076	160,293768
985	28,3407307	35,3585926	59,454513	81,1704677	106,684063	147,480845	160,42324
986	28,3679741	35,3918663	59,5090169	81,2424744	106,775214	147,601713	160,552815
987	28,3952436	35,4251713	59,5635709	81,3145451	106,866443	147,722679	160,682496
988	28,4225393	35,4585077	59,6181748	81,3866796	106,957751	147,843746	160,812281
989	28,4498613	35,4918754	59,6728288	81,4588782	107,049136	147,964911	160,942172
990	28,4772096	35,5252745	59,7275329	81,5311408	107,1406	148,086175	161,072167
991	28,5045841	35,558705	59,7822872	81,6034675	107,232141	148,207539	161,202267
992	28,5319849	35,592167	59,8370916	81,6758583	107,323761	148,329003	161,332472
993	28,5594121	35,6256605	59,8919463	81,7483134	107,415459	148,450566	161,462782
994	28,5868657	35,6591855	59,9468513	81,8208328	107,507235	148,572228	161,593198
995	28,6143456	35,6927421	60,0018066	81,8934165	107,59909	148,693991	161,723719
996	28,641852	35,7263302	60,0568123	81,9660646	107,691023	148,815853	161,854345
997	28,6693848	35,75995	60,1118684	82,0387771	107,783035	148,937815	161,985077
998	28,6969441	35,7936014	60,166975	82,1115541	107,875126	149,059877	162,115914
999	28,7245298	35,8272844	60,2221321	82,1843957	107,967295	149,182039	162,246858
1000	28,7521421	35,8609992	60,2773398	82,2573019	108,059543	149,304301	162,377906
1001	28,7797809	35,8947456	60,3325981	82,3302728	108,151869	149,426663	162,509061
1002	28,8074463	35,9285239	60,387907	82,4033084	108,244275	149,549126	162,640322
1003	28,8351383	35,9623339	60,4432667	82,4764088	108,336759	149,671689	162,771689
1004	28,8628569	35,9961757	60,4986771	82,5495741	108,429323	149,794352	162,903161
1005	28,8906022	36,0300494	60,5541383	82,6228042	108,521966	149,917116	163,03474
1006	28,9183741	36,0639549	60,6096503	82,6960994	108,614687	150,03998	163,166426
1007	28,9461727	36,0978924	60,6652132	82,7694595	108,707488	150,162946	163,298217

1008	28,973998	36,1318618	60,7208271	82,8428847	108,800369	150,286012	163,430115
1009	29,0018501	36,1658632	60,7764919	82,9163751	108,893328	150,409178	163,56212
1010	29,029729	36,1998965	60,8322078	82,9899306	108,986368	150,532446	163,694231
1011	29,0576347	36,2339619	60,8879747	83,0635514	109,079486	150,655815	163,826449
1012	29,0855671	36,2680594	60,9437928	83,1372375	109,172684	150,779285	163,958774
1013	29,1135265	36,3021889	60,9996621	83,210989	109,265962	150,902856	164,091206
1014	29,1415127	36,3363505	61,0555825	83,2848059	109,35932	151,026528	164,223744
1015	29,1695258	36,3705443	61,1115542	83,3586883	109,452757	151,150302	164,35639
1016	29,1975659	36,4047703	61,1675773	83,4326362	109,546274	151,274177	164,489143
1017	29,2256329	36,4390285	61,2236517	83,5066498	109,639871	151,398154	164,622003
1018	29,2537268	36,4733189	61,2797775	83,580729	109,733548	151,522232	164,75497
1019	29,2818478	36,5076416	61,3359547	83,6548739	109,827305	151,646412	164,888045
1020	29,3099958	36,5419966	61,3921835	83,7290845	109,921142	151,770694	165,021227
1021	29,3381709	36,5763839	61,4484638	83,8033611	110,015059	151,895078	165,154517
1022	29,3663731	36,6108036	61,5047957	83,8777035	110,109057	152,019563	165,287914
1023	29,3946023	36,6452556	61,5611792	83,9521118	110,203134	152,144151	165,42142
1024	29,4228588	36,6797401	61,6176144	84,0265862	110,297293	152,268841	165,555033
1025	29,4511423	36,7142571	61,6741014	84,1011266	110,391531	152,393632	165,688754
1026	29,4794531	36,7488065	61,7306401	84,1757331	110,48585	152,518527	165,822583
1027	29,507791	36,7833884	61,7872307	84,2504059	110,58025	152,643523	165,95652
1028	29,5361563	36,8180029	61,8438731	84,3251449	110,674731	152,768622	166,090565
1029	29,5645487	36,8526499	61,9005675	84,3999501	110,769292	152,893824	166,224718
1030	29,5929685	36,8873296	61,9573139	84,4748218	110,863934	153,019128	166,35898
1031	29,6214156	36,9220419	62,0141122	84,5497598	110,958656	153,144534	166,493351
1032	29,64989	36,9567868	62,0709627	84,6247644	111,05346	153,270044	166,627829
1033	29,6783918	36,9915645	62,1278652	84,6998354	111,148345	153,395656	166,762417
1034	29,7069211	37,0263748	62,18482	84,7749731	111,243311	153,521372	166,897113
1035	29,7354777	37,061218	62,2418269	84,8501774	111,338358	153,64719	167,031918
1036	29,7640618	37,0960939	62,2988861	84,9254485	111,433486	153,773112	167,166832
1037	29,7926733	37,1310026	62,3559976	85,0007863	111,528695	153,899136	167,301855
1038	29,8213124	37,1659442	62,4131615	85,0761909	111,623986	154,025264	167,436987
1039	29,849979	37,2009187	62,4703777	85,1516625	111,719358	154,151496	167,572228
1040	29,8786731	37,2359261	62,5276464	85,2272009	111,814812	154,27783	167,707578
1041	29,9073949	37,2709664	62,5849677	85,3028064	111,910347	154,404269	167,843037
1042	29,9361442	37,3060397	62,6423414	85,378479	112,005964	154,530811	167,978606
1043	29,9649212	37,341146	62,6997678	85,4542187	112,101662	154,657456	168,114285
1044	29,9937258	37,3762854	62,7572468	85,5300256	112,197443	154,784206	168,250073
1045	30,0225582	37,4114578	62,8147785	85,6058997	112,293305	154,911059	168,385971
1046	30,0514182	37,4466633	62,8723629	85,6818412	112,389249	155,038017	168,521978
1047	30,080306	37,4819019	62,9300002	85,75785	112,485275	155,165078	168,658096
1048	30,1092216	37,5171737	62,9876902	85,8339262	112,581383	155,292243	168,794323
1049	30,1381649	37,5524787	63,0454332	85,9100699	112,677573	155,419513	168,93066
1050	30,1671361	37,5878169	63,1032291	85,9862812	112,773846	155,546887	169,067108
1051	30,1961351	37,6231884	63,1610779	86,0625601	112,8702	155,674365	169,203666
1052	30,225162	37,6585932	63,2189798	86,1389066	112,966637	155,801948	169,340334
1053	30,2542168	37,6940312	63,2769348	86,2153209	113,063156	155,929636	169,477112

1054	30,2832996	37,7295027	63,3349429	86,291803	113,159758	156,057428	169,614001
1055	30,3124102	37,7650075	63,3930042	86,3683529	113,256443	156,185325	169,751
1056	30,3415489	37,8005457	63,4511188	86,4449707	113,35321	156,313326	169,88811
1057	30,3707156	37,8361173	63,5092865	86,5216565	113,450059	156,441433	170,025331
1058	30,3999103	37,8717225	63,5675077	86,5984103	113,546992	156,569644	170,162663
1059	30,4291331	37,9073611	63,6257822	86,6752322	113,644007	156,697961	170,300106
1060	30,458384	37,9430333	63,6841101	86,7521223	113,741105	156,826383	170,437659
1061	30,487663	37,978739	63,7424915	86,8290805	113,838286	156,95491	170,575324
1062	30,5169701	38,0144783	63,8009264	86,9061071	113,93555	157,083542	170,7131
1063	30,5463055	38,0502513	63,8594148	86,9832019	114,032897	157,21228	170,850987
1064	30,575669	38,086058	63,9179569	87,0603652	114,130328	157,341123	170,988986
1065	30,6050607	38,1218983	63,9765527	87,1375969	114,227841	157,470072	171,127096
1066	30,6344807	38,1577724	64,0352022	87,2148971	114,325438	157,599126	171,265317
1067	30,663929	38,1936802	64,0939054	87,2922659	114,423118	157,728287	171,40365
1068	30,6934056	38,2296218	64,1526625	87,3697033	114,520882	157,857553	171,542095
1069	30,7229105	38,2655972	64,2114734	87,4472095	114,61873	157,986925	171,680652
1070	30,7524438	38,3016065	64,2703382	87,5247843	114,71666	158,116403	171,819321
1071	30,7820054	38,3376497	64,329257	87,602428	114,814675	158,245987	171,958102
1072	30,8115955	38,3737268	64,3882298	87,6801406	114,912773	158,375678	172,096994
1073	30,841214	38,4098378	64,4472567	87,7579221	115,010956	158,505475	172,235999
1074	30,870861	38,4459828	64,5063377	87,8357726	115,109222	158,635378	172,375117
1075	30,9005365	38,4821618	64,5654729	87,9136922	115,207572	158,765387	172,514346
1076	30,9302406	38,5183749	64,6246622	87,9916809	115,306006	158,895503	172,653688
1077	30,9599732	38,5546221	64,6839058	88,0697388	115,404524	159,025726	172,793143
1078	30,9897343	38,5909034	64,7432038	88,1478659	115,503126	159,156056	172,93271
1079	31,0195241	38,6272188	64,8025561	88,2260623	115,601812	159,286492	173,07239
1080	31,0493425	38,6635683	64,8619628	88,3043281	115,700583	159,417035	173,212183
1081	31,0791896	38,6999521	64,9214239	88,3826634	115,799439	159,547685	173,352089
1082	31,1090653	38,7363702	64,9809396	88,4610681	115,898378	159,678443	173,492108
1083	31,1389698	38,7728225	65,0405098	88,5395424	115,997403	159,809307	173,632239
1084	31,1689031	38,8093091	65,1001347	88,6180863	116,096511	159,940279	173,772484
1085	31,1988651	38,84583	65,1598142	88,6966998	116,195705	160,071358	173,912843
1086	31,2288559	38,8823853	65,2195484	88,7753831	116,294983	160,202544	174,053314
1087	31,2588755	38,918975	65,2793374	88,8541363	116,394346	160,333838	174,1939
1088	31,288924	38,9555992	65,3391812	88,9329592	116,493794	160,465239	174,334598
1089	31,3190014	38,9922578	65,3990798	89,0118521	116,593327	160,596749	174,475411
1090	31,3491077	39,0289509	65,4590334	89,090815	116,692945	160,728366	174,616337
1091	31,3792429	39,0656785	65,5190419	89,1698479	116,792648	160,860091	174,757376
1092	31,4094071	39,1024407	65,5791054	89,248951	116,892437	160,991923	174,89853
1093	31,4396003	39,1392375	65,639224	89,3281242	116,99231	161,123864	175,039798
1094	31,4698225	39,1760689	65,6993977	89,4073676	117,092269	161,255913	175,18118
1095	31,5000738	39,2129349	65,7596266	89,4866814	117,192314	161,388071	175,322676
1096	31,5303541	39,2498357	65,8199107	89,5660655	117,292443	161,520336	175,464287
1097	31,5606636	39,2867712	65,88025	89,64552	117,392659	161,65271	175,606011
1098	31,5910022	39,3237414	65,9406447	89,725045	117,49296	161,785192	175,747851
1099	31,6213699	39,3607465	66,0010947	89,8046406	117,593346	161,917783	175,889804

1100	31,6517669	39,3977863	66,0616001	89,8843067	117,693819	162,050483	176,031873
1101	31,6821931	39,4348611	66,122161	89,9640436	117,794377	162,183292	176,174056
1102	31,7126485	39,4719707	66,1827775	90,0438512	117,895021	162,316209	176,316354
1103	31,7431332	39,5091152	66,2434495	90,1237295	117,995751	162,449235	176,458767
1104	31,7736472	39,5462947	66,3041771	90,2036788	118,096568	162,58237	176,601295
1105	31,8041905	39,5835091	66,3649604	90,2836989	118,19747	162,715614	176,743938
1106	31,8347632	39,6207586	66,4257994	90,3637901	118,298459	162,848968	176,886697
1107	31,8653653	39,6580432	66,4866942	90,4439523	118,399534	162,982431	177,029571
1108	31,8959968	39,6953628	66,5476448	90,5241856	118,500695	163,116003	177,17256
1109	31,9266577	39,7327175	66,6086513	90,60449	118,601943	163,249685	177,315664
1110	31,9573481	39,7701074	66,6697137	90,6848658	118,703277	163,383476	177,458884
1111	31,988068	39,8075325	66,7308321	90,7653128	118,804697	163,517377	177,60222
1112	32,0188175	39,8449928	66,7920065	90,8458312	118,906205	163,651387	177,745672
1113	32,0495965	39,8824884	66,853237	90,926421	119,007799	163,785508	177,889239
1114	32,0804051	39,9200192	66,9145236	91,0070823	119,10948	163,919738	178,032923
1115	32,1112433	39,9575854	66,9758664	91,0878151	119,211248	164,054079	178,176722
1116	32,1421112	39,9951869	67,0372655	91,1686196	119,313103	164,188529	178,320638
1117	32,1730087	40,0328237	67,0987208	91,2494958	119,415044	164,32309	178,46467
1118	32,2039359	40,0704961	67,1602325	91,3304437	119,517073	164,457761	178,608818
1119	32,2348929	40,1082038	67,2218006	91,4114634	119,619189	164,592542	178,753083
1120	32,2658796	40,1459471	67,2834251	91,492555	119,721393	164,727434	178,897464
1121	32,2968961	40,1837258	67,3451061	91,5737185	119,823683	164,862436	179,041962
1122	32,3279424	40,2215401	67,4068436	91,654954	119,926061	164,997549	179,186576
1123	32,3590186	40,25939	67,4686378	91,7362616	120,028527	165,132773	179,331308
1124	32,3901246	40,2972755	67,5304885	91,8176414	120,13108	165,268107	179,476156
1125	32,4212606	40,3351967	67,592396	91,8990933	120,233721	165,403553	179,621121
1126	32,4524264	40,3731536	67,6543603	91,9806174	120,336449	165,539109	179,766203
1127	32,4836223	40,4111461	67,7163813	92,0622139	120,439265	165,674776	179,911403
1128	32,5148481	40,4491745	67,7784592	92,1438828	120,542169	165,810555	180,05672
1129	32,5461039	40,4872386	67,840594	92,2256241	120,645161	165,946445	180,202154
1130	32,5773898	40,5253385	67,9027858	92,3074379	120,748241	166,082446	180,347705
1131	32,6087057	40,5634743	67,9650346	92,3893244	120,851409	166,218559	180,493375
1132	32,6400518	40,6016459	68,0273405	92,4712834	120,954665	166,354784	180,639162
1133	32,671428	40,6398535	68,0897034	92,5533152	121,05801	166,49112	180,785066
1134	32,7028343	40,6780971	68,1521236	92,6354197	121,161442	166,627567	180,931089
1135	32,7342709	40,7163766	68,2146009	92,7175971	121,264963	166,764127	181,077229
1136	32,7657376	40,7546922	68,2771356	92,7998473	121,368573	166,900798	181,223487
1137	32,7972346	40,7930438	68,3397276	92,8821706	121,472271	167,037582	181,369864
1138	32,8287619	40,8314315	68,4023769	92,9645668	121,576057	167,174478	181,516359
1139	32,8603195	40,8698553	68,4650837	93,0470362	121,679933	167,311485	181,662972
1140	32,8919074	40,9083153	68,5278479	93,1295787	121,783897	167,448605	181,809703
1141	32,9235257	40,9468115	68,5906698	93,2121944	121,88795	167,585838	181,956554
1142	32,9551744	40,9853439	68,6535491	93,2948835	121,992091	167,723183	182,103522
1143	32,9868535	41,0239125	68,7164862	93,3776458	122,096322	167,86064	182,25061
1144	33,0185631	41,0625175	68,7794809	93,4604816	122,200642	167,99821	182,397816
1145	33,0503031	41,1011588	68,8425334	93,5433909	122,305051	168,135893	182,545141

1146	33,0820737	41,1398364	68,9056437	93,6263738	122,409549	168,273689	182,692585
1147	33,1138748	41,1785505	68,9688118	93,7094302	122,514136	168,411598	182,840148
1148	33,1457064	41,217301	69,0320379	93,7925603	122,618813	168,549619	182,987831
1149	33,1775687	41,2560879	69,0953219	93,8757642	122,723579	168,687754	183,135632
1150	33,2094616	41,2949113	69,1586639	93,9590419	122,828435	168,826002	183,283553
1151	33,2413851	41,3337713	69,222064	94,0423935	122,933381	168,964363	183,431594
1152	33,2733394	41,3726679	69,2855222	94,125819	123,038416	169,102838	183,579754
1153	33,3053243	41,411601	69,3490386	94,2093185	123,14354	169,241426	183,728034
1154	33,33734	41,4505708	69,4126132	94,292892	123,248755	169,380128	183,876433
1155	33,3693865	41,4895773	69,4762461	94,3765398	123,354059	169,518943	184,024952
1156	33,4014638	41,5286204	69,5399374	94,4602617	123,459454	169,657873	184,173592
1157	33,4335719	41,5677003	69,603687	94,5440579	123,564938	169,796916	184,322351
1158	33,4657109	41,606817	69,6674951	94,6279284	123,670513	169,936073	184,471231
1159	33,4978808	41,6459705	69,7313616	94,7118733	123,776178	170,075344	184,620231
1160	33,5300816	41,6851608	69,7952867	94,7958927	123,881933	170,214729	184,769351
1161	33,5623133	41,7243881	69,8592704	94,8799867	123,987778	170,354228	184,918591
1162	33,594576	41,7636522	69,9233128	94,9641552	124,093714	170,493842	185,067953
1163	33,6268698	41,8029533	69,9874139	95,0483984	124,19974	170,63357	185,217434
1164	33,6591946	41,8422913	70,0515737	95,1327163	124,305857	170,773413	185,367037
1165	33,6915505	41,8816664	70,1157924	95,2171091	124,412065	170,91337	185,51676
1166	33,7239374	41,9210785	70,1800699	95,3015767	124,518363	171,053442	185,666605
1167	33,7563555	41,9605278	70,2444063	95,3861192	124,624753	171,193629	185,81657
1168	33,7888048	42,0000141	70,3088018	95,4707367	124,731233	171,333931	185,966656
1169	33,8212853	42,0395376	70,3732562	95,5554293	124,837804	171,474347	186,116864
1170	33,8537969	42,0790983	70,4377698	95,640197	124,944466	171,614879	186,267193
1171	33,8863399	42,1186962	70,5023425	95,72504	125,051219	171,755526	186,417643
1172	33,9189141	42,1583314	70,5669744	95,8099581	125,158064	171,896288	186,568215
1173	33,9515196	42,1980039	70,6316655	95,8949517	125,264999	172,037166	186,718909
1174	33,9841565	42,2377137	70,696416	95,9800206	125,372027	172,178159	186,869724
1175	34,0168247	42,2774609	70,7612258	96,065165	125,479145	172,319267	187,020661
1176	34,0495244	42,3172455	70,826095	96,1503849	125,586355	172,460491	187,17172
1177	34,0822555	42,3570675	70,8910237	96,2356804	125,693657	172,601831	187,322901
1178	34,115018	42,396927	70,9560119	96,3210515	125,80105	172,743287	187,474205
1179	34,1478121	42,4368241	71,0210597	96,4064985	125,908536	172,884859	187,62563
1180	34,1806376	42,4767586	71,0861671	96,4920212	126,016113	173,026547	187,777178
1181	34,2134948	42,5167308	71,1513342	96,5776197	126,123781	173,16835	187,928848
1182	34,2463835	42,5567405	71,216561	96,6632943	126,231542	173,31027	188,08064
1183	34,2793038	42,5967879	71,2818477	96,7490448	126,339395	173,452307	188,232555
1184	34,3122557	42,636873	71,3471942	96,8348714	126,44734	173,59446	188,384593
1185	34,3452394	42,6769958	71,4126005	96,9207741	126,555378	173,736729	188,536754
1186	34,3782547	42,7171564	71,4780669	97,006753	126,663507	173,879115	188,689038
1187	34,4113018	42,7573547	71,5435933	97,0928082	126,771729	174,021617	188,841444
1188	34,4443807	42,7975909	71,6091797	97,1789398	126,880044	174,164237	188,993974
1189	34,4774913	42,837865	71,6748263	97,2651477	126,988451	174,306973	189,146627
1190	34,5106338	42,8781769	71,740533	97,3514321	127,096951	174,449826	189,299403
1191	34,5438081	42,9185268	71,8063	97,4377931	127,205543	174,592796	189,452303

1192	34,5770144	42,9589147	71,8721273	97,5242307	127,314228	174,735884	189,605326
1193	34,6102525	42,9993405	71,9380149	97,6107449	127,423006	174,879089	189,758472
1194	34,6435226	43,0398044	72,0039629	97,6973359	127,531877	175,022411	189,911743
1195	34,6768247	43,0803064	72,0699714	97,7840037	127,640841	175,16585	190,065137
1196	34,7101588	43,1208465	72,1360404	97,8707484	127,749898	175,309407	190,218655
1197	34,7435249	43,1614248	72,2021699	97,9575701	127,859048	175,453082	190,372297
1198	34,7769231	43,2020412	72,2683601	98,0444688	127,968292	175,596875	190,526063
1199	34,8103535	43,2426959	72,334611	98,1314445	128,077629	175,740785	190,679954
1200	34,8438159	43,2833888	72,4009226	98,2184975	128,187059	175,884813	190,833968
1201	34,8773105	43,32412	72,467295	98,3056276	128,296583	176,02896	190,988108
1202	34,9108374	43,3648895	72,5337282	98,392835	128,4062	176,173224	191,142371
1203	34,9443964	43,4056974	72,6002223	98,4801198	128,515911	176,317607	191,296759
1204	34,9779877	43,4465437	72,6667774	98,5674821	128,625716	176,462108	191,451272
1205	35,0116113	43,4874285	72,7333935	98,6549218	128,735614	176,606727	191,60591
1206	35,0452672	43,5283517	72,8000707	98,7424391	128,845607	176,751465	191,760672
1207	35,0789555	43,5693134	72,866809	98,830034	128,955693	176,896322	191,91556
1208	35,1126761	43,6103137	72,9336085	98,9177067	129,065874	177,041297	192,070573
1209	35,1464292	43,6513525	73,0004692	99,0054571	129,176148	177,186391	192,225711
1210	35,1802147	43,69243	73,0673912	99,0932854	129,286517	177,331604	192,380974
1211	35,2140327	43,7335461	73,1343745	99,1811915	129,39698	177,476936	192,536362
1212	35,2478832	43,7747009	73,2014193	99,2691757	129,507538	177,622388	192,691877
1213	35,2817663	43,8158945	73,2685255	99,3572379	129,61819	177,767958	192,847516
1214	35,3156819	43,8571268	73,3356933	99,4453782	129,728937	177,913648	193,003282
1215	35,3496301	43,8983979	73,4029226	99,5335967	129,839778	178,059457	193,159173
1216	35,3836109	43,9397079	73,4702135	99,6218935	129,950714	178,205385	193,31519
1217	35,4176244	43,9810567	73,5375662	99,7102686	130,061744	178,351433	193,471333
1218	35,4516706	44,0224444	73,6049806	99,7987221	130,17287	178,497601	193,627603
1219	35,4857496	44,0638711	73,6724567	99,8872541	130,28409	178,643889	193,783998
1220	35,5198613	44,1053368	73,7399948	99,9758646	130,395406	178,790296	193,94052
1221	35,5540058	44,1468415	73,8075947	100,064554	130,506816	178,936824	194,097168
1222	35,5881831	44,1883852	73,8752567	100,153321	130,618322	179,083472	194,253943
1223	35,6223932	44,229968	73,9429806	100,242168	130,729923	179,230239	194,410845
1224	35,6566363	44,27159	74,0107667	100,331093	130,841619	179,377127	194,567873
1225	35,6909123	44,3132511	74,0786148	100,420098	130,953411	179,524136	194,725028
1226	35,7252212	44,3549515	74,1465252	100,509181	131,065299	179,671265	194,88231
1227	35,7595631	44,3966911	74,2144979	100,598343	131,177282	179,818514	195,039719
1228	35,793938	44,4384699	74,2825328	100,687584	131,28936	179,965885	195,197255
1229	35,8283459	44,4802881	74,3506301	100,776905	131,401535	180,113376	195,354918
1230	35,862787	44,5221456	74,4187899	100,866305	131,513805	180,260987	195,512709
1231	35,8972611	44,5640426	74,4870121	100,955784	131,626171	180,40872	195,670627
1232	35,9317684	44,6059789	74,5552969	101,045342	131,738633	180,556574	195,828673
1233	35,9663088	44,6479547	74,6236443	101,13498	131,851191	180,704549	195,986846
1234	36,0008825	44,68997	74,6920543	101,224697	131,963846	180,852646	196,145147
1235	36,0354893	44,7320249	74,760527	101,314494	132,076597	181,000863	196,303576
1236	36,0701295	44,7741193	74,8290625	101,404371	132,189444	181,149202	196,462133
1237	36,1048029	44,8162533	74,8976609	101,494327	132,302387	181,297663	196,620818

1238	36,1395097	44,858427	74,9663221	101,584363	132,415427	181,446246	196,779631
1239	36,1742499	44,9006404	75,0350463	101,674479	132,528563	181,59495	196,938573
1240	36,2090234	44,9428935	75,1038334	101,764675	132,641797	181,743776	197,097643
1241	36,2438304	44,9851863	75,1726837	101,854951	132,755126	181,892724	197,256841
1242	36,2786708	45,027519	75,241597	101,945307	132,868553	182,041794	197,416168
1243	36,3135447	45,0698915	75,3105736	102,035744	132,982077	182,190986	197,575624
1244	36,3484521	45,1123039	75,3796133	102,12626	133,095698	182,340301	197,735208
1245	36,3833931	45,1547561	75,4487164	102,216857	133,209415	182,489738	197,894921
1246	36,4183677	45,1972484	75,5178828	102,307534	133,32323	182,639297	198,054764
1247	36,4533759	45,2397806	75,5871126	102,398291	133,437142	182,788979	198,214735
1248	36,4884178	45,2823528	75,6564058	102,489129	133,551152	182,938784	198,374836
1249	36,5234933	45,3249651	75,7257626	102,580048	133,665259	183,088711	198,535066
1250	36,5586026	45,3676175	75,795183	102,671047	133,779463	183,238762	198,695425
1251	36,5937456	45,4103101	75,864667	102,762127	133,893765	183,388935	198,855914
1252	36,6289224	45,4530428	75,9342148	102,853288	134,008165	183,539231	199,016532
1253	36,664133	45,4958157	76,0038262	102,94453	134,122662	183,689651	199,177281
1254	36,6993774	45,5386289	76,0735015	103,035853	134,237257	183,840194	199,338159
1255	36,7346557	45,5814824	76,1432407	103,127256	134,35195	183,99086	199,499167
1256	36,769968	45,6243761	76,2130438	103,218741	134,466741	184,141649	199,660305
1257	36,8053142	45,6673103	76,2829108	103,310307	134,58163	184,292563	199,821573
1258	36,8406943	45,7102849	76,352842	103,401954	134,696618	184,443599	199,982972
1259	36,8761085	45,7532999	76,4228372	103,493682	134,811703	184,59476	200,1445
1260	36,9115567	45,7963553	76,4928966	103,585492	134,926887	184,746045	200,30616
1261	36,947039	45,8394513	76,5630203	103,677383	135,04217	184,897453	200,46795
1262	36,9825554	45,8825879	76,6332082	103,769356	135,15755	185,048986	200,62987
1263	37,018106	45,925765	76,7034605	103,86141	135,27303	185,200643	200,791922
1264	37,0536907	45,9689828	76,7737771	103,953546	135,388608	185,352424	200,954104
1265	37,0893096	46,0122413	76,8441582	104,045764	135,504285	185,504329	201,116417
1266	37,1249628	46,0555404	76,9146039	104,138064	135,62006	185,656359	201,278861
1267	37,1606502	46,0988803	76,9851141	104,230445	135,735935	185,808514	201,441437
1268	37,196372	46,142261	77,055689	104,322909	135,851908	185,960793	201,604144
1269	37,232128	46,1856825	77,1263286	104,415454	135,967981	186,113197	201,766982
1270	37,2679185	46,2291449	77,1970329	104,508081	136,084153	186,265726	201,929952
1271	37,3037434	46,2726481	77,267802	104,600791	136,200424	186,41838	202,093053
1272	37,3396027	46,3161923	77,338636	104,693583	136,316794	186,57116	202,256287
1273	37,3754964	46,3597775	77,409535	104,786457	136,433264	186,724064	202,419652
1274	37,4114247	46,4034037	77,4804989	104,879414	136,549834	186,877093	202,583149
1275	37,4473875	46,447071	77,5515279	104,972453	136,666503	187,030249	202,746778
1276	37,4833849	46,4907793	77,6226221	105,065575	136,783271	187,183529	202,910539
1277	37,5194169	46,5345288	77,6937813	105,158779	136,90014	187,336935	203,074432
1278	37,5554835	46,5783194	77,7650059	105,252066	137,017108	187,490467	203,238458
1279	37,5915848	46,6221513	77,8362957	105,345435	137,134176	187,644125	203,402617
1280	37,6277208	46,6660244	77,9076509	105,438888	137,251344	187,797909	203,566908
1281	37,6638915	46,7099388	77,9790715	105,532423	137,368613	187,951818	203,731331
1282	37,700097	46,7538945	78,0505575	105,626042	137,485981	188,105854	203,895888
1283	37,7363373	46,7978915	78,1221091	105,719743	137,60345	188,260016	204,060577

1284	37,7726124	46,84193	78,1937263	105,813528	137,721019	188,414305	204,225399
1285	37,8089224	46,8860099	78,2654091	105,907395	137,838689	188,56872	204,390355
1286	37,8452673	46,9301313	78,3371577	106,001346	137,956459	188,723261	204,555444
1287	37,8816472	46,9742943	78,408972	106,095381	138,07433	188,877929	204,720666
1288	37,918062	47,0184987	78,4808522	106,189498	138,192301	189,032724	204,886021
1289	37,9545118	47,0627448	78,5527983	106,2837	138,310374	189,187646	205,05151
1290	37,9909967	47,1070325	78,6248103	106,377984	138,428547	189,342694	205,217133
1291	38,0275166	47,1513619	78,6968883	106,472353	138,546821	189,49787	205,38289
1292	38,0640717	47,195733	78,7690324	106,566805	138,665196	189,653173	205,54878
1293	38,1006619	47,2401459	78,8412427	106,661341	138,783673	189,808603	205,714805
1294	38,1372872	47,2846005	78,9135191	106,755961	138,90225	189,964161	205,880963
1295	38,1739478	47,329097	78,9858618	106,850665	139,020929	190,119846	206,047256
1296	38,2106436	47,3736354	79,0582708	106,945452	139,139709	190,275658	206,213683
1297	38,2473747	47,4182157	79,1307462	107,040324	139,258591	190,431599	206,380244
1298	38,2841411	47,4628379	79,2032881	107,13528	139,377575	190,587667	206,54694
1299	38,3209428	47,5075021	79,2758964	107,230321	139,49666	190,743863	206,713771
1300	38,3577799	47,5522083	79,3485713	107,325445	139,615846	190,900187	206,880736
1301	38,3946524	47,5969567	79,4213129	107,420654	139,735135	191,056639	207,047837
1302	38,4315604	47,6417471	79,4941211	107,515948	139,854525	191,21322	207,215072
1303	38,4685038	47,6865797	79,566996	107,611326	139,974018	191,369928	207,382442
1304	38,5054828	47,7314544	79,6399378	107,706788	140,093613	191,526766	207,549948
1305	38,5424973	47,7763714	79,7129464	107,802335	140,213309	191,683731	207,717589
1306	38,5795474	47,8213307	79,786022	107,897967	140,333108	191,840826	207,885365
1307	38,6166331	47,8663322	79,8591645	107,993684	140,45301	191,998049	208,053276
1308	38,6537544	47,9113762	79,9323741	108,089486	140,573014	192,155401	208,221324
1309	38,6909114	47,9564625	80,0056509	108,185373	140,69312	192,312881	208,389507
1310	38,7281042	48,0015912	80,0789948	108,281345	140,813329	192,470491	208,557826
1311	38,7653327	48,0467624	80,1524059	108,377402	140,933641	192,628231	208,726281
1312	38,802597	48,0919761	80,2258843	108,473544	141,054055	192,786099	208,894872
1313	38,8398971	48,1372324	80,2994301	108,569771	141,174573	192,944097	209,063599
1314	38,8772331	48,1825312	80,3730433	108,666084	141,295193	193,102224	209,232462
1315	38,9146049	48,2278727	80,446724	108,762482	141,415917	193,260481	209,401462
1316	38,9520127	48,2732568	80,5204723	108,858966	141,536743	193,418867	209,570598
1317	38,9894564	48,3186837	80,5942881	108,955535	141,657673	193,577384	209,739871
1318	39,0269362	48,3641533	80,6681716	109,05219	141,778706	193,73603	209,909281
1319	39,0644519	48,4096657	80,7421229	109,148931	141,899843	193,894806	210,078827
1320	39,1020038	48,4552209	80,8161419	109,245758	142,021083	194,053713	210,248511
1321	39,1395917	48,5008189	80,8902288	109,34267	142,142426	194,212749	210,418331
1322	39,1772157	48,5464599	80,9643837	109,439669	142,263874	194,371916	210,588289
1323	39,214876	48,5921439	81,0386065	109,536753	142,385425	194,531214	210,758384
1324	39,2525724	48,6378708	81,1128973	109,633924	142,50708	194,690642	210,928616
1325	39,2903051	48,6836408	81,1872562	109,731181	142,628839	194,8502	211,098986
1326	39,328074	48,7294538	81,2616834	109,828524	142,750701	195,00989	211,269493
1327	39,3658792	48,77531	81,3361787	109,925953	142,872668	195,16971	211,440138
1328	39,4037208	48,8212093	81,4107423	110,023469	142,99474	195,329661	211,610921
1329	39,4415988	48,8671517	81,4853743	110,121072	143,116915	195,489744	211,781842

1330	39,4795131	48,9131375	81,5600747	110,218761	143,239195	195,649957	211,952901
1331	39,517464	48,9591665	81,6348436	110,316536	143,36158	195,810302	212,124098
1332	39,5554513	49,0052388	81,7096811	110,414399	143,484068	195,970778	212,295433
1333	39,5934751	49,0513545	81,7845871	110,512348	143,606662	196,131386	212,466907
1334	39,6315354	49,0975135	81,8595618	110,610384	143,72936	196,292126	212,63852
1335	39,6696324	49,143716	81,9346052	110,708507	143,852164	196,452997	212,81027
1336	39,707766	49,189962	82,0097175	110,806717	143,975072	196,614	212,98216
1337	39,7459362	49,2362515	82,0848986	110,905014	144,098085	196,775135	213,154189
1338	39,7841431	49,2825846	82,1601486	111,003399	144,221203	196,936402	213,326356
1339	39,8223868	49,3289612	82,2354676	111,10187	144,344427	197,097801	213,498662
1340	39,8606672	49,3753815	82,3108556	111,200429	144,467755	197,259332	213,671108
1341	39,8989844	49,4218455	82,3863128	111,299076	144,591189	197,420996	213,843693
1342	39,9373384	49,4683532	82,4618391	111,39781	144,714729	197,582792	214,016417
1343	39,9757294	49,5149047	82,5374347	111,496631	144,838374	197,744721	214,189281
1344	40,0141572	49,5615	82,6130995	111,595541	144,962125	197,906783	214,362285
1345	40,0526219	49,6081391	82,6888338	111,694538	145,085981	198,068977	214,535428
1346	40,0911237	49,6548221	82,7646374	111,793622	145,209944	198,231305	214,708711
1347	40,1296624	49,7015491	82,8405106	111,892795	145,334012	198,393765	214,882134
1348	40,1682382	49,74832	82,9164533	111,992056	145,458186	198,556359	215,055697
1349	40,2068511	49,7951349	82,9924656	112,091405	145,582466	198,719085	215,2294
1350	40,2455011	49,8419939	83,0685476	112,190841	145,706853	198,881946	215,403244
1351	40,2841882	49,888897	83,1446994	112,290367	145,831346	199,044939	215,577228
1352	40,3229125	49,9358442	83,220921	112,38998	145,955945	199,208066	215,751352
1353	40,3616741	49,9828356	83,2972124	112,489682	146,08065	199,371327	215,925618
1354	40,4004729	50,0298713	83,3735738	112,589472	146,205463	199,534722	216,100024
1355	40,439309	50,0769511	83,4500052	112,689351	146,330381	199,698251	216,27457
1356	40,4781825	50,1240753	83,5265066	112,789318	146,455407	199,861913	216,449258
1357	40,5170933	50,1712439	83,6030782	112,889374	146,580539	200,02571	216,624087
1358	40,5560415	50,2184568	83,67972	112,989519	146,705778	200,189641	216,799057
1359	40,5950272	50,2657141	83,756432	113,089752	146,831125	200,353706	216,974169
1360	40,6340503	50,313016	83,8332144	113,190075	146,956578	200,517906	217,149421
1361	40,673111	50,3603623	83,9100671	113,290486	147,082139	200,682241	217,324816
1362	40,7122092	50,4077532	83,9869903	113,390987	147,207806	200,84671	217,500352
1363	40,7513449	50,4551887	84,0639841	113,491577	147,333582	201,011314	217,67603
1364	40,7905183	50,5026688	84,1410484	113,592256	147,459464	201,176052	217,85185
1365	40,8297294	50,5501936	84,2181833	113,693024	147,585455	201,340926	218,027811
1366	40,8689781	50,5977631	84,295389	113,793881	147,711552	201,505935	218,203915
1367	40,9082646	50,6453774	84,3726654	113,894829	147,837758	201,671079	218,380161
1368	40,9475889	50,6930365	84,4500127	113,995865	147,964071	201,836359	218,55655
1369	40,9869509	50,7407405	84,5274309	114,096992	148,090493	202,001773	218,733081
1370	41,0263508	50,7884893	84,6049201	114,198208	148,217022	202,167324	218,909754
1371	41,0657886	50,8362831	84,6824803	114,299514	148,34366	202,33301	219,086571
1372	41,1052642	50,8841218	84,7601116	114,400909	148,470405	202,498832	219,26353
1373	41,1447778	50,9320056	84,8378141	114,502395	148,597259	202,66479	219,440632
1374	41,1843294	50,9799344	84,9155878	114,603971	148,724222	202,830884	219,617877
1375	41,2239191	51,0279083	84,9934328	114,705636	148,851293	202,997114	219,795265

1376	41,2635467	51,0759274	85,0713491	114,807392	148,978472	203,16348	219,972797
1377	41,3032125	51,1239917	85,1493369	114,909239	149,10576	203,329982	220,150471
1378	41,3429164	51,1721012	85,2273962	115,011175	149,233157	203,496621	220,32829
1379	41,3826585	51,2202559	85,3055271	115,113202	149,360663	203,663397	220,506252
1380	41,4224388	51,268456	85,3837295	115,21532	149,488277	203,830309	220,684358
1381	41,4622573	51,3167014	85,4620037	115,317528	149,616001	203,997358	220,862607
1382	41,502114	51,3649923	85,5403496	115,419827	149,743834	204,164544	221,041001
1383	41,5420091	51,4133286	85,6187674	115,522216	149,871776	204,331867	221,219539
1384	41,5819426	51,4617103	85,697257	115,624696	149,999827	204,499327	221,39822
1385	41,6219144	51,5101376	85,7758186	115,727268	150,127988	204,666925	221,577047
1386	41,6619247	51,5586105	85,8544522	115,82993	150,256258	204,83466	221,756017
1387	41,7019734	51,607129	85,9331579	115,932683	150,384638	205,002532	221,935133
1388	41,7420606	51,6556931	86,0119357	116,035528	150,513127	205,170541	222,114393
1389	41,7821864	51,704303	86,0907858	116,138464	150,641726	205,338689	222,293797
1390	41,8223507	51,7529585	86,1697081	116,241491	150,770436	205,506974	222,473347
1391	41,8625537	51,8016599	86,2487028	116,344609	150,899255	205,675397	222,653041
1392	41,9027952	51,8504071	86,3277699	116,447819	151,028184	205,843958	222,832881
1393	41,9430755	51,8992002	86,4069095	116,55112	151,157223	206,012658	223,012866
1394	41,9833945	51,9480392	86,4861217	116,654514	151,286373	206,181495	223,192997
1395	42,0237522	51,9969241	86,5654064	116,757998	151,415633	206,350471	223,373272
1396	42,0641488	52,0458551	86,6447639	116,861575	151,545003	206,519586	223,553694
1397	42,1045841	52,0948321	86,7241941	116,965244	151,674484	206,688839	223,734261
1398	42,1450584	52,1438552	86,8036971	117,069004	151,804076	206,858231	223,914974
1399	42,1855715	52,1929244	86,883273	117,172857	151,933778	207,027761	224,095833
1400	42,2261236	52,2420398	86,9629218	117,276801	152,063591	207,197431	224,276838
1401	42,2667147	52,2912014	87,0426437	117,380838	152,193515	207,367239	224,45799
1402	42,3073448	52,3404093	87,1224386	117,484967	152,32355	207,537187	224,639287
1403	42,3480139	52,3896634	87,2023067	117,589189	152,453696	207,707274	224,820731
1404	42,3887222	52,438964	87,2822481	117,693503	152,583954	207,877501	225,002322
1405	42,4294696	52,4883109	87,3622627	117,797909	152,714322	208,047867	225,184059
1406	42,4702561	52,5377043	87,4423506	117,902408	152,844802	208,218372	225,365944
1407	42,5110819	52,5871441	87,522512	118,007	152,975394	208,389017	225,547975
1408	42,5519469	52,6366305	87,6027468	118,111685	153,106097	208,559803	225,730153
1409	42,5928511	52,6861634	87,6830552	118,216462	153,236912	208,730728	225,912478
1410	42,6337948	52,735743	87,7634373	118,321333	153,367838	208,901793	226,09495
1411	42,6747777	52,7853692	87,843893	118,426296	153,498876	209,072998	226,27757
1412	42,7158001	52,8350421	87,9244225	118,531353	153,630027	209,244344	226,460337
1413	42,7568619	52,8847617	88,0050258	118,636503	153,761289	209,41583	226,643252
1414	42,7979631	52,9345282	88,085703	118,741746	153,892664	209,587457	226,826315
1415	42,8391039	52,9843414	88,1664541	118,847082	154,02415	209,759224	227,009526
1416	42,8802842	53,0342016	88,2472793	118,952512	154,15575	209,931132	227,192884
1417	42,9215041	53,0841087	88,3281786	119,058035	154,287461	210,103181	227,376391
1418	42,9627636	53,1340627	88,409152	119,163652	154,419285	210,275371	227,560046
1419	43,0040628	53,1840637	88,4901997	119,269363	154,551222	210,447702	227,743849
1420	43,0454017	53,2341118	88,5713217	119,375168	154,683271	210,620175	227,927801
1421	43,0867804	53,284207	88,652518	119,481066	154,815434	210,792788	228,111901

1422	43,1281988	53,3343493	88,7337888	119,587058	154,947709	210,965543	228,29615
1423	43,169657	53,3845388	88,8151341	119,693145	155,080097	211,13844	228,480548
1424	43,2111551	53,4347756	88,8965539	119,799325	155,212598	211,311479	228,665094
1425	43,252693	53,4850596	88,9780484	119,9056	155,345213	211,484659	228,84979
1426	43,2942709	53,535391	89,0596176	120,011968	155,477941	211,657981	229,034635
1427	43,3358888	53,5857697	89,1412616	120,118432	155,610782	211,831445	229,219629
1428	43,3775466	53,6361958	89,2229804	120,224989	155,743737	212,005052	229,404773
1429	43,4192446	53,6866693	89,3047741	120,331642	155,876805	212,1788	229,590066
1430	43,4609826	53,7371904	89,3866428	120,438388	156,009987	212,352691	229,775509
1431	43,5027607	53,787759	89,4685866	120,54523	156,143283	212,526725	229,961102
1432	43,544579	53,8383752	89,5506055	120,652166	156,276693	212,700901	230,146844
1433	43,5864374	53,889039	89,6326996	120,759197	156,410217	212,87522	230,332737
1434	43,6283361	53,9397505	89,7148689	120,866324	156,543854	213,049682	230,51878
1435	43,6702751	53,9905097	89,7971136	120,973545	156,677606	213,224287	230,704973
1436	43,7122544	54,0413167	89,8794336	121,080861	156,811473	213,399035	230,891316
1437	43,7542741	54,0921715	89,9618292	121,188272	156,945453	213,573926	231,07781
1438	43,7963342	54,1430742	90,0443002	121,295779	157,079548	213,74896	231,264455
1439	43,8384346	54,1940247	90,1268469	121,403381	157,213758	213,924138	231,45125
1440	43,8805756	54,2450232	90,2094692	121,511079	157,348082	214,099459	231,638196
1441	43,9227571	54,2960697	90,2921673	121,618872	157,482521	214,274925	231,825293
1442	43,9649791	54,3471642	90,3749412	121,726761	157,617075	214,450533	232,012542
1443	44,0072417	54,3983069	90,457791	121,834745	157,751744	214,626286	232,199941
1444	44,0495449	54,4494976	90,5407167	121,942825	157,886528	214,802183	232,387492
1445	44,0918888	54,5007365	90,6237185	122,051002	158,021428	214,978224	232,575194
1446	44,1342734	54,5520236	90,7067963	122,159274	158,156442	215,15441	232,763048
1447	44,1766987	54,603359	90,7899503	122,267642	158,291572	215,330739	232,951054
1448	44,2191648	54,6547427	90,8731805	122,376106	158,426817	215,507214	233,139212
1449	44,2616718	54,7061748	90,9564871	122,484667	158,562178	215,683832	233,327521
1450	44,3042196	54,7576552	91,03987	122,593323	158,697654	215,860596	233,515983
1451	44,3468083	54,8091841	91,1233293	122,702076	158,833246	216,037505	233,704597
1452	44,3894379	54,8607615	91,2068652	122,810926	158,968954	216,214558	233,893363
1453	44,4321086	54,9123874	91,2904776	122,919872	159,104778	216,391757	234,082282
1454	44,4748202	54,9640619	91,3741667	123,028915	159,240718	216,5691	234,271353
1455	44,5175729	55,0157851	91,4579325	123,138055	159,376775	216,746589	234,460577
1456	44,5603667	55,0675569	91,5417751	123,247291	159,512947	216,924224	234,649954
1457	44,6032016	55,1193774	91,6256945	123,356625	159,649236	217,102004	234,839484
1458	44,6460777	55,1712467	91,7096909	123,466055	159,785641	217,27993	235,029167
1459	44,6889951	55,2231648	91,7937643	123,575582	159,922163	217,458002	235,219003
1460	44,7319536	55,2751318	91,8779147	123,685207	160,058801	217,636219	235,408992
1461	44,7749535	55,3271476	91,9621423	123,794929	160,195557	217,814583	235,599135
1462	44,8179947	55,3792124	92,0464472	123,904748	160,332429	217,993093	235,789432
1463	44,8610773	55,4313262	92,1308293	124,014664	160,469417	218,171749	235,979882
1464	44,9042013	55,4834891	92,2152887	124,124678	160,606523	218,350552	236,170486
1465	44,9473668	55,535701	92,2998256	124,23479	160,743747	218,529501	236,361244
1466	44,9905737	55,5879621	92,38444	124,344999	160,881087	218,708597	236,552156
1467	45,0338222	55,6402723	92,4691319	124,455306	161,018545	218,887839	236,743222

1468	45,0771123	55,6926318	92,5539015	124,565711	161,15612	219,067229	236,934443
1469	45,1204439	55,7450405	92,6387488	124,676214	161,293813	219,246765	237,125818
1470	45,1638172	55,7974986	92,7236739	124,786815	161,431623	219,426449	237,317348
1471	45,2072323	55,850006	92,8086769	124,897514	161,569551	219,60628	237,509032
1472	45,250689	55,9025629	92,8937577	125,008311	161,707597	219,786258	237,700871
1473	45,2941875	55,9551692	92,9789166	125,119207	161,845761	219,966384	237,892865
1474	45,3377279	56,007825	93,0641535	125,230201	161,984043	220,146657	238,085014
1475	45,3813101	56,0605303	93,1494686	125,341293	162,122443	220,327078	238,277319
1476	45,4249342	56,1132853	93,2348619	125,452484	162,260961	220,507647	238,469778
1477	45,4686002	56,1660898	93,3203334	125,563774	162,399598	220,688364	238,662393
1478	45,5123082	56,2189441	93,4058833	125,675162	162,538353	220,869229	238,855164
1479	45,5560582	56,2718482	93,4915117	125,786649	162,677227	221,050242	239,048091
1480	45,5998503	56,324802	93,5772185	125,898235	162,816219	221,231404	239,241173
1481	45,6436844	56,3778056	93,6630039	126,00992	162,95533	221,412714	239,434411
1482	45,6875607	56,4308591	93,748868	126,121704	163,09456	221,594173	239,627805
1483	45,7314792	56,4839626	93,8348108	126,233587	163,233909	221,77578	239,821356
1484	45,7754399	56,537116	93,9208323	126,34557	163,373377	221,957537	240,015063
1485	45,8194429	56,5903194	94,0069327	126,457652	163,512965	222,139442	240,208926
1486	45,8634881	56,6435729	94,0931121	126,569833	163,652671	222,321496	240,402946
1487	45,9075757	56,6968765	94,1793704	126,682114	163,792497	222,5037	240,597122
1488	45,9517057	56,7502303	94,2657079	126,794494	163,932442	222,686052	240,791456
1489	45,9958781	56,8036343	94,3521244	126,906974	164,072507	222,868555	240,985946
1490	46,040093	56,8570885	94,4386202	127,019554	164,212691	223,051207	241,180594
1491	46,0843503	56,910593	94,5251953	127,132234	164,352996	223,234008	241,375399
1492	46,1286502	56,9641479	94,6118498	127,245013	164,49342	223,416959	241,570361
1493	46,1729927	57,0177532	94,6985837	127,357893	164,633964	223,600061	241,76548
1494	46,2173778	57,0714089	94,7853971	127,470873	164,774628	223,783312	241,960757
1495	46,2618056	57,1251152	94,8722901	127,583953	164,915413	223,966714	242,156192
1496	46,3062761	57,1788719	94,9592627	127,697133	165,056317	224,150265	242,351785
1497	46,3507893	57,2326793	95,0463151	127,810414	165,197342	224,333968	242,547535
1498	46,3953454	57,2865373	95,1334473	127,923795	165,338488	224,517821	242,743444
1499	46,4399442	57,3404459	95,2206593	128,037277	165,479754	224,701824	242,939511
1500	46,484586	57,3944053	95,3079513	128,15086	165,621141	224,885978	243,135737
1501	46,5292706	57,4484155	95,3953234	128,264543	165,762649	225,070284	243,332121
1502	46,5739982	57,5024765	95,4827755	128,378327	165,904277	225,25474	243,528663
1503	46,6187688	57,5565884	95,5703078	128,492212	166,046027	225,439347	243,725364
1504	46,6635824	57,6107512	95,6579204	128,606199	166,187897	225,624106	243,922225
1505	46,7084391	57,6649649	95,7456132	128,720286	166,329889	225,809016	244,119244
1506	46,753339	57,7192297	95,8333865	128,834474	166,472002	225,994078	244,316422
1507	46,798282	57,7735455	95,9212402	128,948764	166,614237	226,179291	244,51376
1508	46,8432681	57,8279125	96,0091744	129,063155	166,756593	226,364656	244,711257
1509	46,8882976	57,8823306	96,0971893	129,177648	166,899071	226,550173	244,908913
1510	46,9333703	57,9367999	96,1852849	129,292242	167,041671	226,735843	245,106729
1511	46,9784864	57,9913205	96,2734612	129,406938	167,184392	226,921664	245,304705
1512	47,0236458	58,0458924	96,3617183	129,521735	167,327235	227,107637	245,502841
1513	47,0688486	58,1005157	96,4500564	129,636635	167,470201	227,293763	245,701137

1514	47,1140949	58,1551903	96,5384754	129,751636	167,613288	227,480042	245,899593
1515	47,1593847	58,2099164	96,6269755	129,866739	167,756498	227,666473	246,098209
1516	47,204718	58,264694	96,7155568	129,981945	167,89983	227,853057	246,296986
1517	47,2500949	58,3195232	96,8042192	130,097252	168,043285	228,039794	246,495923
1518	47,2955154	58,3744039	96,8929629	130,212662	168,186862	228,226684	246,695021
1519	47,3409796	58,4293363	96,981788	130,328175	168,330562	228,413727	246,89428
1520	47,3864874	58,4843204	97,0706945	130,44379	168,474384	228,600923	247,093699
1521	47,4320391	58,5393562	97,1596825	130,559507	168,61833	228,788273	247,29328
1522	47,4776345	58,5944438	97,2487521	130,675327	168,762398	228,975777	247,493022
1523	47,5232737	58,6495832	97,3379033	130,79125	168,90659	229,163434	247,692926
1524	47,5689568	58,7047746	97,4271362	130,907275	169,050905	229,351244	247,89299
1525	47,6146838	58,7600179	97,516451	131,023404	169,195343	229,539209	248,093217
1526	47,6604548	58,8153131	97,6058476	131,139635	169,339904	229,727328	248,293605
1527	47,7062698	58,8706604	97,6953262	131,25597	169,484589	229,915601	248,494155
1528	47,7521288	58,9260598	97,7848869	131,372408	169,629398	230,104028	248,694867
1529	47,7980319	58,9815113	97,8745296	131,488949	169,77433	230,29261	248,895741
1530	47,8439792	59,037015	97,9642545	131,605594	169,919386	230,481346	249,096777
1531	47,8899706	59,0925709	98,0540616	131,722342	170,064566	230,670237	249,297976
1532	47,9360062	59,1481791	98,1439511	131,839193	170,209871	230,859283	249,499337
1533	47,982086	59,2038397	98,233923	131,956148	170,355299	231,048483	249,700861
1534	48,0282102	59,2595526	98,3239774	132,073207	170,500851	231,237839	249,902548
1535	48,0743787	59,3153179	98,4141143	132,19037	170,646528	231,42735	250,104397
1536	48,1205916	59,3711358	98,5043339	132,307637	170,79233	231,617016	250,30641
1537	48,1668489	59,4270061	98,5946362	132,425008	170,938256	231,806838	250,508586
1538	48,2131506	59,482929	98,6850212	132,542483	171,084306	231,996815	250,710925
1539	48,2594969	59,5389046	98,7754891	132,660062	171,230482	232,186948	250,913427
1540	48,3058877	59,5949328	98,86604	132,777745	171,376782	232,377237	251,116093
1541	48,3523232	59,6510137	98,9566738	132,895533	171,523207	232,567681	251,318923
1542	48,3988032	59,7071475	99,0473908	133,013426	171,669758	232,758282	251,521916
1543	48,445328	59,763334	99,1381909	133,131422	171,816433	232,949039	251,725074
1544	48,4918974	59,8195734	99,2290742	133,249524	171,963234	233,139952	251,928396
1545	48,5385117	59,8758658	99,3200409	133,36773	172,110161	233,331022	252,131881
1546	48,5851707	59,9322111	99,4110909	133,486042	172,257213	233,522248	252,335532
1547	48,6318746	59,9886094	99,5022244	133,604458	172,40439	233,713631	252,539346
1548	48,6786234	60,0450608	99,5934415	133,722979	172,551694	233,905171	252,743326
1549	48,7254171	60,1015654	99,6847422	133,841605	172,699123	234,096868	252,94747
1550	48,7722558	60,1581231	99,7761266	133,960337	172,846678	234,288722	253,151779
1551	48,8191395	60,214734	99,8675947	134,079174	172,994359	234,480734	253,356253
1552	48,8660683	60,2713982	99,9591468	134,198116	173,142166	234,672902	253,560892
1553	48,9130423	60,3281157	100,050783	134,317164	173,2901	234,865228	253,765696
1554	48,9600613	60,3848866	100,142503	134,436317	173,43816	235,057712	253,970666
1555	49,0071256	60,441711	100,234307	134,555577	173,586347	235,250353	254,175802
1556	49,0542351	60,4985888	100,326195	134,674942	173,73466	235,443153	254,381103
1557	49,1013899	60,5555201	100,418167	134,794412	173,8831	235,63611	254,58657
1558	49,14859	60,612505	100,510224	134,913989	174,031667	235,829226	254,792202
1559	49,1958355	60,6695435	100,602365	135,033672	174,18036	236,022499	254,998001

1560	49,2431264	60,7266357	100,694591	135,153461	174,329181	236,215932	255,203967
1561	49,2904628	60,7837816	100,786901	135,273357	174,478129	236,409522	255,410098
1562	49,3378447	60,8409813	100,879296	135,393358	174,627204	236,603272	255,616396
1563	49,3852721	60,8982348	100,971775	135,513466	174,776406	236,79718	255,822861
1564	49,4327451	60,9555422	101,064339	135,633681	174,925736	236,991247	256,029492
1565	49,4802637	61,0129035	101,156989	135,754003	175,075194	237,185473	256,236291
1566	49,5278281	61,0703189	101,249723	135,874431	175,224779	237,379858	256,443256
1567	49,5754381	61,1277882	101,342542	135,994966	175,374492	237,574403	256,650389
1568	49,6230939	61,1853116	101,435446	136,115607	175,524333	237,769107	256,857689
1569	49,6707956	61,2428892	101,528435	136,236356	175,674302	237,96397	257,065156
1570	49,718543	61,3005209	101,62151	136,357212	175,824399	238,158994	257,272791
1571	49,7663364	61,3582069	101,71467	136,478175	175,974625	238,354177	257,480593
1572	49,8141757	61,4159471	101,807915	136,599246	176,124978	238,54952	257,688564
1573	49,862061	61,4737417	101,901246	136,720424	176,275461	238,745023	257,896702
1574	49,9099924	61,5315907	101,994662	136,841709	176,426071	238,940686	258,105009
1575	49,9579698	61,5894941	102,088164	136,963102	176,576811	239,13651	258,313484
1576	50,0059933	61,647452	102,181752	137,084603	176,727679	239,332494	258,522127
1577	50,054063	61,7054644	102,275425	137,206211	176,878676	239,528639	258,730938
1578	50,1021789	61,7635315	102,369184	137,327928	177,029802	239,724945	258,939919
1579	50,1503411	61,8216531	102,46303	137,449752	177,181058	239,921411	259,149068
1580	50,1985495	61,8798295	102,556961	137,571684	177,332442	240,118039	259,358386
1581	50,2468043	61,9380606	102,650979	137,693725	177,483956	240,314827	259,567873
1582	50,2951055	61,9963465	102,745082	137,815874	177,635599	240,511777	259,777529
1583	50,3434531	62,0546873	102,839272	137,938131	177,787372	240,708889	259,987355
1584	50,3918472	62,113083	102,933548	138,060497	177,939275	240,906162	260,19735
1585	50,4402878	62,1715336	103,027911	138,182971	178,091307	241,103596	260,407515
1586	50,488775	62,2300392	103,12236	138,305554	178,24347	241,301193	260,61785
1587	50,5373088	62,2885999	103,216896	138,428245	178,395762	241,498951	260,828354
1588	50,5858892	62,3472156	103,311518	138,551046	178,548184	241,696871	261,039029
1589	50,6345164	62,4058866	103,406228	138,673955	178,700737	241,894954	261,249873
1590	50,6831903	62,4646127	103,501024	138,796973	178,85342	242,093199	261,460888
1591	50,7319109	62,5233942	103,595906	138,920101	179,006233	242,291606	261,672073
1592	50,7806785	62,5822309	103,690876	139,043338	179,159177	242,490176	261,883429
1593	50,8294928	62,641123	103,785933	139,166684	179,312252	242,688909	262,094956
1594	50,8783541	62,7000705	103,881077	139,290139	179,465457	242,887804	262,306654
1595	50,9272624	62,7590735	103,976309	139,413704	179,618793	243,086863	262,518522
1596	50,9762177	62,818132	104,071627	139,537379	179,772261	243,286085	262,730562
1597	51,0252201	62,8772461	104,167033	139,661163	179,925859	243,48547	262,942773
1598	51,0742695	62,9364158	104,262527	139,785057	180,079589	243,685018	263,155155
1599	51,1233661	62,9956412	104,358108	139,909061	180,23345	243,88473	263,367709
1600	51,1725099	63,0549224	104,453776	140,033176	180,387443	244,084606	263,580434
1601	51,221701	63,1142593	104,549533	140,1574	180,541567	244,284645	263,793332
1602	51,2709393	63,1736521	104,645377	140,281734	180,695822	244,484849	264,006401
1603	51,320225	63,2331007	104,741309	140,406179	180,85021	244,685216	264,219642
1604	51,369558	63,2926053	104,837329	140,530734	181,004729	244,885748	264,433056
1605	51,4189385	63,3521659	104,933437	140,655399	181,159381	245,086444	264,646642

1606	51,4683664	63,4117825	105,029633	140,780175	181,314164	245,287304	264,860401
1607	51,5178419	63,4714553	105,125917	140,905062	181,46908	245,48833	265,074332
1608	51,5673649	63,5311841	105,222289	141,03006	181,624129	245,689519	265,288436
1609	51,6169355	63,5909692	105,31875	141,155168	181,779309	245,890874	265,502713
1610	51,6665538	63,6508106	105,415299	141,280388	181,934623	246,092394	265,717163
1611	51,7162197	63,7107083	105,511937	141,405719	182,090069	246,294079	265,931786
1612	51,7659334	63,7706623	105,608664	141,53116	182,245647	246,495929	266,146582
1613	51,8156949	63,8306728	105,705479	141,656713	182,401359	246,697945	266,361552
1614	51,8655042	63,8907397	105,802382	141,782378	182,557204	246,900126	266,576696
1615	51,9153614	63,9508632	105,899375	141,908154	182,713182	247,102473	266,792014
1616	51,9652666	64,0110432	105,996457	142,034041	182,869293	247,304986	267,007505
1617	52,0152197	64,0712799	106,093627	142,16004	183,025538	247,507664	267,22317
1618	52,0652208	64,1315732	106,190887	142,286151	183,181916	247,710509	267,43901
1619	52,11527	64,1919233	106,288236	142,412374	183,338427	247,91352	267,655024
1620	52,1653673	64,2523302	106,385674	142,538709	183,495073	248,116698	267,871213
1621	52,2155127	64,3127939	106,483201	142,665156	183,651852	248,320042	268,087576
1622	52,2657064	64,3733145	106,580818	142,791715	183,808765	248,523552	268,304113
1623	52,3159483	64,4338921	106,678524	142,918386	183,965813	248,72723	268,520826
1624	52,3662385	64,4945267	106,77632	143,045169	184,122994	248,931074	268,737714
1625	52,4165771	64,5552183	106,874205	143,172066	184,28031	249,135085	268,954777
1626	52,466964	64,6159671	106,972181	143,299074	184,43776	249,339264	269,172015
1627	52,5173994	64,676773	107,070246	143,426196	184,595345	249,54361	269,389429
1628	52,5678833	64,7376361	107,168401	143,55343	184,753064	249,748123	269,607018
1629	52,6184156	64,7985565	107,266645	143,680777	184,910918	249,952804	269,824783
1630	52,6689966	64,8595343	107,36498	143,808237	185,068907	250,157653	270,042724
1631	52,7196262	64,9205694	107,463406	143,93581	185,227031	250,36267	270,260841
1632	52,7703045	64,981662	107,561921	144,063496	185,38529	250,567854	270,479135
1633	52,8210314	65,042812	107,660527	144,191295	185,543684	250,773207	270,697604
1634	52,8718072	65,1040196	107,759223	144,319208	185,702214	250,978728	270,91625
1635	52,9226317	65,1652848	107,858009	144,447235	185,860879	251,184418	271,135073
1636	52,9735051	65,2266076	107,956886	144,575375	186,01968	251,390276	271,354072
1637	53,0244274	65,2879882	108,055854	144,703628	186,178616	251,596302	271,573248
1638	53,0753987	65,3494265	108,154912	144,831995	186,337688	251,802498	271,792601
1639	53,1264189	65,4109226	108,254062	144,960477	186,496896	252,008863	272,012132
1640	53,1774882	65,4724766	108,353302	145,089072	186,65624	252,215397	272,23184
1641	53,2286066	65,5340886	108,452633	145,217781	186,81572	252,4221	272,451725
1642	53,2797741	65,5957585	108,552055	145,346605	186,975337	252,628972	272,671788
1643	53,3309908	65,6574864	108,651569	145,475542	187,135089	252,836014	272,892028
1644	53,3822568	65,7192724	108,751173	145,604594	187,294979	253,043226	273,112447
1645	53,433572	65,7811166	108,850869	145,733761	187,455005	253,250607	273,333043
1646	53,4849366	65,843019	108,950656	145,863042	187,615167	253,458159	273,553818
1647	53,5363505	65,9049796	109,050535	145,992438	187,775467	253,66588	273,774771
1648	53,5878139	65,9669985	109,150505	146,121949	187,935903	253,873772	273,995902
1649	53,6393267	66,0290758	109,250567	146,251574	188,096477	254,081834	274,217212
1650	53,690889	66,0912115	109,350721	146,381315	188,257187	254,290067	274,438701
1651	53,7425009	66,1534057	109,450967	146,511171	188,418035	254,49847	274,660369

1652	53,7941625	66,2156584	109,551304	146,641141	188,579021	254,707044	274,882216
1653	53,8458736	66,2779697	109,651733	146,771227	188,740144	254,915789	275,104241
1654	53,8976345	66,3403396	109,752255	146,901429	188,901405	255,124705	275,326447
1655	53,9494452	66,4027682	109,852869	147,031746	189,062803	255,333793	275,548832
1656	54,0013056	66,4652556	109,953574	147,162179	189,224339	255,543052	275,771396
1657	54,0532159	66,5278017	110,054373	147,292727	189,386014	255,752482	275,99414
1658	54,1051762	66,5904067	110,155263	147,423391	189,547826	255,962084	276,217064
1659	54,1571863	66,6530707	110,256246	147,554171	189,709777	256,171857	276,440168
1660	54,2092465	66,7157936	110,357322	147,685067	189,871866	256,381803	276,663453
1661	54,2613567	66,7785755	110,45849	147,816079	190,034094	256,59192	276,886917
1662	54,3135169	66,8414165	110,559751	147,947208	190,19646	256,80221	277,110562
1663	54,3657274	66,9043167	110,661105	148,078453	190,358965	257,012672	277,334388
1664	54,417988	66,967276	110,762552	148,209814	190,521609	257,223307	277,558395
1665	54,4702988	67,0302946	110,864092	148,341292	190,684392	257,434114	277,782582
1666	54,52266	67,0933725	110,965725	148,472886	190,847313	257,645094	278,006951
1667	54,5750715	67,1565097	111,067451	148,604597	191,010374	257,856247	278,231501
1668	54,6275333	67,2197064	111,16927	148,736425	191,173575	258,067573	278,456232
1669	54,6800456	67,2829625	111,271183	148,86837	191,336915	258,279073	278,681145
1670	54,7326084	67,3462782	111,373189	149,000432	191,500394	258,490745	278,906239
1671	54,7852217	67,4096534	111,475288	149,132611	191,664013	258,702591	279,131515
1672	54,8378855	67,4730883	111,577481	149,264907	191,827772	258,914611	279,356973
1673	54,8906	67,5365829	111,679768	149,397321	191,991671	259,126804	279,582614
1674	54,9433652	67,6001372	111,782149	149,529852	192,155709	259,339171	279,808436
1675	54,9961811	67,6637513	111,884623	149,662501	192,319888	259,551713	280,034441
1676	55,0490477	67,7274253	111,987192	149,795267	192,484208	259,764428	280,260629
1677	55,1019652	67,7911592	112,089854	149,928151	192,648667	259,977318	280,486999
1678	55,1549336	67,8549531	112,192611	150,061153	192,813267	260,190382	280,713552
1679	55,2079528	67,918807	112,295462	150,194273	192,978008	260,403621	280,940288
1680	55,2610231	67,982721	112,398407	150,327511	193,14289	260,617035	281,167207
1681	55,3141443	68,0466952	112,501446	150,460868	193,307912	260,830624	281,394309
1682	55,3673166	68,1107295	112,60458	150,594342	193,473075	261,044387	281,621595
1683	55,42054	68,1748241	112,707808	150,727935	193,63838	261,258326	281,849065
1684	55,4738146	68,2389791	112,811132	150,861647	193,803826	261,47244	282,076718
1685	55,5271404	68,3031944	112,914549	150,995477	193,969413	261,68673	282,304555
1686	55,5805175	68,3674701	113,018062	151,129426	194,135141	261,901195	282,532576
1687	55,6339458	68,4318063	113,121669	151,263494	194,301012	262,115836	282,760781
1688	55,6874256	68,4962031	113,225372	151,39768	194,467024	262,330653	282,989171
1689	55,7409567	68,5606604	113,329169	151,531986	194,633177	262,545646	283,217745
1690	55,7945393	68,6251785	113,433062	151,666411	194,799473	262,760815	283,446503
1691	55,8481734	68,6897572	113,53705	151,800955	194,965911	262,976161	283,675447
1692	55,9018591	68,7543967	113,641133	151,935618	195,132491	263,191683	283,904575
1693	55,9555963	68,819097	113,745312	152,070401	195,299213	263,407381	284,133889
1694	56,0093853	68,8838582	113,849586	152,205304	195,466078	263,623257	284,363387
1695	56,0632259	68,9486804	113,953956	152,340326	195,633085	263,839309	284,593071
1696	56,1171183	69,0135635	114,058421	152,475468	195,800235	264,055539	284,822941
1697	56,1710625	69,0785078	114,162983	152,610729	195,967528	264,271945	285,052996

1698	56,2250585	69,1435131	114,26764	152,746111	196,134964	264,488529	285,283237
1699	56,2791065	69,2085796	114,372393	152,881613	196,302543	264,705291	285,513664
1700	56,3332064	69,2737073	114,477242	153,017235	196,470265	264,92223	285,744277
1701	56,3873583	69,3388963	114,582187	153,152977	196,63813	265,139347	285,975076
1702	56,4415623	69,4041467	114,687228	153,28884	196,806139	265,356642	286,206062
1703	56,4958183	69,4694585	114,792366	153,424824	196,974291	265,574115	286,437235
1704	56,5501266	69,5348317	114,8976	153,560928	197,142587	265,791766	286,668594
1705	56,604487	69,6002664	115,002931	153,697152	197,311027	266,009595	286,90014
1706	56,6588997	69,6657627	115,108358	153,833498	197,479611	266,227603	287,131873
1707	56,7133647	69,7313207	115,213881	153,969964	197,648338	266,44579	287,363793
1708	56,767882	69,7969404	115,319502	154,106552	197,81721	266,664156	287,5959
1709	56,8224518	69,8626218	115,425219	154,243261	197,986226	266,8827	287,828195
1710	56,877074	69,928365	115,531033	154,380091	198,155387	267,101424	288,060678
1711	56,9317487	69,99417	115,636945	154,517042	198,324692	267,320327	288,293348
1712	56,986476	70,060037	115,742953	154,654115	198,494142	267,539409	288,526206
1713	57,0412559	70,125966	115,849059	154,791309	198,663736	267,758671	288,759253
1714	57,0960884	70,191957	115,955261	154,928626	198,833476	267,978112	288,992487
1715	57,1509737	70,2580102	116,061561	155,066064	199,00336	268,197734	289,22591
1716	57,2059117	70,3241254	116,167959	155,203623	199,17339	268,417535	289,459522
1717	57,2609025	70,3903029	116,274454	155,341305	199,343565	268,637517	289,693322
1718	57,3159462	70,4565427	116,381047	155,47911	199,513885	268,857678	289,927311
1719	57,3710428	70,5228448	116,487737	155,617036	199,684351	269,078021	290,161489
1720	57,4261924	70,5892093	116,594526	155,755085	199,854963	269,298543	290,395857
1721	57,481395	70,6556363	116,701412	155,893256	200,02572	269,519247	290,630413
1722	57,5366506	70,7221257	116,808396	156,031549	200,196623	269,740131	290,865159
1723	57,5919594	70,7886778	116,915478	156,169966	200,367672	269,961197	291,100095
1724	57,6473213	70,8552924	117,022658	156,308505	200,538867	270,182443	291,33522
1725	57,7027364	70,9219698	117,129937	156,447167	200,710209	270,403871	291,570535
1726	57,7582049	70,9887099	117,237314	156,585952	200,881697	270,625481	291,806041
1727	57,8137266	71,0555128	117,34479	156,72486	201,053331	270,847272	292,041736
1728	57,8693017	71,1223785	117,452363	156,863892	201,225112	271,069244	292,277622
1729	57,9249302	71,1893072	117,560036	157,003047	201,39704	271,291399	292,513698
1730	57,9806122	71,2562989	117,667807	157,142325	201,569115	271,513736	292,749966
1731	58,0363478	71,3233536	117,775677	157,281727	201,741337	271,736255	292,986423
1732	58,0921369	71,3904714	117,883646	157,421252	201,913706	271,958956	293,223072
1733	58,1479796	71,4576523	117,991714	157,560901	202,086222	272,18184	293,459913
1734	58,203876	71,5248965	118,099881	157,700674	202,258886	272,404907	293,696944
1735	58,2598262	71,592204	118,208147	157,840572	202,431697	272,628156	293,934167
1736	58,3158301	71,6595748	118,316513	157,980593	202,604656	272,851588	294,171581
1737	58,3718879	71,727009	118,424978	158,120738	202,777762	273,075204	294,409187
1738	58,4279995	71,7945067	118,533542	158,261008	202,951017	273,299002	294,646986
1739	58,4841651	71,8620678	118,642206	158,401402	203,124419	273,522984	294,884976
1740	58,5403847	71,9296926	118,750969	158,541921	203,29797	273,74715	295,123158
1741	58,5966583	71,997381	118,859832	158,682564	203,471669	273,9715	295,361533
1742	58,652986	72,0651331	118,968795	158,823332	203,645516	274,196033	295,6001
1743	58,7093679	72,1329489	119,077858	158,964225	203,819512	274,42075	295,83886

1744	58,765804	72,2008286	119,18702	159,105243	203,993657	274,645651	296,077813
1745	58,8222943	72,2687721	119,296283	159,246386	204,16795	274,870737	296,316959
1746	58,8788389	72,3367796	119,405646	159,387655	204,342393	275,096007	296,556298
1747	58,9354379	72,4048511	119,515109	159,529048	204,516984	275,321462	296,795831
1748	58,9920913	72,4729866	119,624673	159,670567	204,691724	275,547102	297,035557
1749	59,0487991	72,5411863	119,734337	159,812212	204,866614	275,772926	297,275476
1750	59,1055615	72,6094501	119,844101	159,953982	205,041653	275,998936	297,515589
1751	59,1623784	72,6777782	119,953966	160,095878	205,216842	276,225131	297,755897
1752	59,2192499	72,7461706	120,063932	160,2379	205,392181	276,451511	297,996398
1753	59,2761761	72,8146273	120,173999	160,380048	205,567669	276,678077	298,237093
1754	59,3331571	72,8831484	120,284167	160,522322	205,743307	276,904828	298,477983
1755	59,3901928	72,9517341	120,394435	160,664722	205,919095	277,131765	298,719068
1756	59,4472833	73,0203842	120,504805	160,807249	206,095034	277,358889	298,960347
1757	59,5044287	73,089099	120,615276	160,949902	206,271123	277,586198	299,201821
1758	59,561629	73,1578784	120,725848	161,092681	206,447362	277,813694	299,443491
1759	59,6188844	73,2267226	120,836521	161,235587	206,623752	278,041376	299,685355
1760	59,6761947	73,2956316	120,947296	161,37862	206,800292	278,269245	299,927415
1761	59,7335602	73,3646053	121,058173	161,52178	206,976984	278,4973	300,16967
1762	59,7909808	73,433644	121,169151	161,665067	207,153826	278,725542	300,412121
1763	59,8484566	73,5027477	121,280231	161,808481	207,330819	278,953972	300,654768
1764	59,9059876	73,5719164	121,391412	161,952022	207,507964	279,182588	300,897611
1765	59,963574	73,6411502	121,502696	162,09569	207,68526	279,411392	301,14065
1766	60,0212157	73,7104491	121,614082	162,239486	207,862708	279,640384	301,383885
1767	60,0789128	73,7798133	121,725569	162,38341	208,040307	279,869563	301,627316
1768	60,1366654	73,8492427	121,837159	162,527461	208,218058	280,09893	301,870945
1769	60,1944735	73,9187375	121,948852	162,67164	208,39596	280,328485	302,11477
1770	60,2523372	73,9882976	122,060646	162,815947	208,574015	280,558228	302,358792
1771	60,3102565	74,0579232	122,172543	162,960382	208,752222	280,78816	302,603011
1772	60,3682314	74,1276144	122,284543	163,104945	208,930581	281,018279	302,847427
1773	60,4262621	74,1973711	122,396646	163,249636	209,109092	281,248588	303,092041
1774	60,4843486	74,2671934	122,508851	163,394456	209,287756	281,479085	303,336853
1775	60,5424909	74,3370815	122,621159	163,539404	209,466573	281,709771	303,581862
1776	60,6006891	74,4070353	122,73357	163,68448	209,645543	281,940646	303,827069
1777	60,6589433	74,477055	122,846084	163,829686	209,824665	282,171711	304,072474
1778	60,7172534	74,5471405	122,958701	163,97502	210,00394	282,402964	304,318077
1779	60,7756196	74,6172921	123,071421	164,120483	210,183369	282,634408	304,563879
1780	60,834042	74,6875096	123,184245	164,266075	210,362951	282,866041	304,809879
1781	60,8925204	74,7577932	123,297172	164,411796	210,542686	283,097863	305,056078
1782	60,9510551	74,8281429	123,410203	164,557647	210,722575	283,329876	305,302476
1783	61,0096461	74,8985588	123,523337	164,703627	210,902618	283,562079	305,549072
1784	61,0682933	74,9690411	123,636575	164,849736	211,082814	283,794472	305,795868
1785	61,126997	75,0395896	123,749917	164,995976	211,263164	284,027056	306,042864
1786	61,1857571	75,1102045	123,863363	165,142344	211,443669	284,25983	306,290059
1787	61,2445736	75,1808859	123,976913	165,288843	211,624328	284,492795	306,537453
1788	61,3034467	75,2516337	124,090567	165,435472	211,805141	284,725951	306,785047
1789	61,3623764	75,3224482	124,204325	165,58223	211,986108	284,959298	307,032842

1790	61,4213628	75,3933293	124,318187	165,729119	212,16723	285,192836	307,280836
1791	61,4804058	75,4642771	124,432154	165,876138	212,348507	285,426566	307,529031
1792	61,5395056	75,5352917	124,546225	166,023288	212,529939	285,660487	307,777426
1793	61,5986623	75,6063731	124,6604	166,170568	212,711526	285,8946	308,026022
1794	61,6578757	75,6775213	124,774681	166,317979	212,893268	286,128905	308,274818
1795	61,7171462	75,7487366	124,889066	166,46552	213,075165	286,363402	308,523816
1796	61,7764735	75,8200188	125,003556	166,613193	213,257218	286,598091	308,773015
1797	61,8358579	75,8913682	125,118151	166,760996	213,439426	286,832972	309,022415
1798	61,8952994	75,9627846	125,232851	166,908931	213,62179	287,068046	309,272016
1799	61,9547981	76,0342683	125,347656	167,056997	213,804309	287,303313	309,521819
1800	62,0143539	76,1058192	125,462567	167,205194	213,986985	287,538772	309,771824
1801	62,073967	76,1774375	125,577583	167,353522	214,169817	287,774424	310,022031
1802	62,1336374	76,2491232	125,692704	167,501982	214,352805	288,01027	310,27244
1803	62,1933651	76,3208763	125,807931	167,650574	214,535949	288,246309	310,523051
1804	62,2531503	76,392697	125,923263	167,799298	214,71925	288,482541	310,773864
1805	62,3129929	76,4645852	126,038701	167,948154	214,902707	288,718966	311,02488
1806	62,3728931	76,5365411	126,154245	168,097141	215,086321	288,955586	311,276099
1807	62,4328508	76,6085647	126,269895	168,246261	215,270092	289,192399	311,527521
1808	62,4928662	76,6806561	126,385651	168,395513	215,45402	289,429407	311,779146
1809	62,5529392	76,7528153	126,501513	168,544898	215,638105	289,666609	312,030974
1810	62,61307	76,8250424	126,617481	168,694415	215,822348	289,904005	312,283005
1811	62,6732586	76,8973375	126,733556	168,844065	216,006748	290,141596	312,53524
1812	62,7335051	76,9697006	126,849737	168,993847	216,191305	290,379381	312,787679
1813	62,7938095	77,0421319	126,966024	169,143762	216,37602	290,617361	313,040322
1814	62,8541719	77,1146312	127,082418	169,293811	216,560893	290,855537	313,293168
1815	62,9145922	77,1871989	127,198919	169,443992	216,745924	291,093907	313,546219
1816	62,9750707	77,2598347	127,315527	169,594307	216,931113	291,332473	313,799475
1817	63,0356073	77,332539	127,432241	169,744755	217,11646	291,571235	314,052935
1818	63,0962021	77,4053117	127,549062	169,895336	217,301966	291,810192	314,306599
1819	63,1568551	77,4781528	127,665991	170,046051	217,48763	292,049345	314,560469
1820	63,2175665	77,5510625	127,783027	170,1969	217,673453	292,288694	314,814544
1821	63,2783362	77,6240408	127,90017	170,347883	217,859434	292,528239	315,068823
1822	63,3391643	77,6970878	128,01742	170,498999	218,045574	292,76798	315,323309
1823	63,4000509	77,7702035	128,134778	170,65025	218,231874	293,007918	315,577999
1824	63,460996	77,843388	128,252244	170,801634	218,418332	293,248053	315,832896
1825	63,5219997	77,9166414	128,369817	170,953153	218,60495	293,488384	316,087998
1826	63,583062	77,9899637	128,487498	171,104807	218,791728	293,728912	316,343306
1827	63,6441831	78,0633551	128,605287	171,256595	218,978665	293,969638	316,598821
1828	63,7053629	78,1368154	128,723183	171,408518	219,165761	294,21056	316,854542
1829	63,7666015	78,210345	128,841188	171,560575	219,353018	294,451681	317,11047
1830	63,827899	78,2839437	128,959301	171,712767	219,540434	294,692998	317,366604
1831	63,8892554	78,3576116	129,077523	171,865094	219,728011	294,934514	317,622945
1832	63,9506708	78,4313489	129,195853	172,017557	219,915748	295,176227	317,879493
1833	64,0121452	78,5051556	129,314291	172,170155	220,103645	295,418139	318,136249
1834	64,0736787	78,5790318	129,432838	172,322888	220,291703	295,660249	318,393211
1835	64,1352714	78,6529774	129,551493	172,475756	220,479921	295,902557	318,650382

1836	64,1969232	78,7269927	129,670257	172,62876	220,668301	296,145064	318,90776
1837	64,2586344	78,8010776	129,78913	172,7819	220,856841	296,387769	319,165346
1838	64,3204048	78,8752322	129,908113	172,935176	221,045542	296,630674	319,42314
1839	64,3822347	78,9494566	130,027204	173,088588	221,234405	296,873777	319,681142
1840	64,4441239	79,0237508	130,146404	173,242135	221,423429	297,11708	319,939353
1841	64,5060727	79,098115	130,265714	173,395819	221,612614	297,360582	320,197772
1842	64,568081	79,1725491	130,385133	173,54964	221,801961	297,604284	320,4564
1843	64,6301489	79,2470533	130,504661	173,703597	221,99147	297,848186	320,715237
1844	64,6922765	79,3216276	130,624299	173,85769	222,181141	298,092287	320,974282
1845	64,7544638	79,396272	130,744047	174,01192	222,370974	298,336588	321,233537
1846	64,8167109	79,4709867	130,863904	174,166287	222,560969	298,58109	321,493002
1847	64,8790179	79,5457718	130,983872	174,320791	222,751126	298,825792	321,752676
1848	64,9413847	79,6206271	131,103949	174,475432	222,941446	299,070695	322,01256
1849	65,0038114	79,695553	131,224137	174,63021	223,131929	299,315798	322,272654
1850	65,0662982	79,7705493	131,344434	174,785125	223,322574	299,561102	322,532957
1851	65,1288451	79,8456162	131,464842	174,940178	223,513382	299,806607	322,793472
1852	65,191452	79,9207538	131,58536	175,095368	223,704353	300,052314	323,054196
1853	65,2541192	79,9959621	131,705989	175,250696	223,895487	300,298222	323,315131
1854	65,3168466	80,0712411	131,826729	175,406162	224,086785	300,544331	323,576277
1855	65,3796343	80,146591	131,947579	175,561766	224,278246	300,790642	323,837634
1856	65,4424824	80,2220118	132,068539	175,717508	224,469871	301,037155	324,099202
1857	65,5053908	80,2975035	132,189611	175,873387	224,661659	301,28387	324,360981
1858	65,5683598	80,3730663	132,310794	176,029406	224,853611	301,530787	324,622971
1859	65,6313892	80,4487003	132,432088	176,185562	225,045728	301,777906	324,885174
1860	65,6944793	80,5244053	132,553493	176,341857	225,238008	302,025228	325,147588
1861	65,75763	80,6001817	132,675009	176,498291	225,430453	302,272753	325,410213
1862	65,8208414	80,6760293	132,796637	176,654864	225,623062	302,52048	325,673052
1863	65,8841136	80,7519483	132,918376	176,811575	225,815835	302,768411	325,936102
1864	65,9474466	80,8279387	133,040227	176,968426	226,008774	303,016545	326,199365
1865	66,0108405	80,9040007	133,162189	177,125415	226,201877	303,264882	326,46284
1866	66,0742953	80,9801342	133,284263	177,282544	226,395145	303,513422	326,726528
1867	66,1378111	81,0563394	133,40645	177,439812	226,588578	303,762167	326,99043
1868	66,201388	81,1326163	133,528748	177,59722	226,782177	304,011115	327,254544
1869	66,2650259	81,208965	133,651158	177,754768	226,975941	304,260267	327,518872
1870	66,3287251	81,2853855	133,773681	177,912455	227,169871	304,509623	327,783413
1871	66,3924855	81,3618779	133,896316	178,070282	227,363966	304,759184	328,048168
1872	66,4563072	81,4384424	134,019063	178,228249	227,558227	305,008949	328,313137
1873	66,5201902	81,5150788	134,141923	178,386356	227,752654	305,258919	328,57832
1874	66,5841347	81,5917874	134,264895	178,544604	227,947247	305,509094	328,843717
1875	66,6481406	81,6685682	134,38798	178,702992	228,142007	305,759474	329,109328
1876	66,712208	81,7454212	134,511178	178,86152	228,336932	306,010059	329,375154
1877	66,776337	81,8223465	134,634489	179,020189	228,532025	306,26085	329,641195
1878	66,8405277	81,8993443	134,757913	179,178999	228,727284	306,511846	329,90745
1879	66,9047801	81,9764145	134,88145	179,337949	228,92271	306,763047	330,173921
1880	66,9690942	82,0535572	135,005101	179,497041	229,118303	307,014455	330,440606
1881	67,0334702	82,1307725	135,128865	179,656274	229,314063	307,266068	330,707508

1882	67,097908	82,2080605	135,252742	179,815648	229,50999	307,517888	330,974624
1883	67,1624078	82,2854212	135,376733	179,975163	229,706085	307,769914	331,241957
1884	67,2269696	82,3628547	135,500837	180,13482	229,902347	308,022147	331,509505
1885	67,2915935	82,440361	135,625055	180,294619	230,098777	308,274587	331,77727
1886	67,3562795	82,5179403	135,749387	180,454559	230,295375	308,527233	332,045251
1887	67,4210276	82,5955926	135,873833	180,614641	230,49214	308,780086	332,313448
1888	67,485838	82,673318	135,998394	180,774865	230,689074	309,033147	332,581862
1889	67,5507107	82,7511166	136,123068	180,935232	230,886176	309,286415	332,850493
1890	67,6156458	82,8289883	136,247857	181,09574	231,083447	309,53989	333,11934
1891	67,6806433	82,9069333	136,37276	181,256391	231,280886	309,793574	333,388405
1892	67,7457032	82,9849517	136,497777	181,417185	231,478493	310,047465	333,657687
1893	67,8108257	83,0630435	136,622909	181,578121	231,67627	310,301564	333,927187
1894	67,8760108	83,1412087	136,748156	181,7392	231,874215	310,555872	334,196904
1895	67,9412586	83,2194476	136,873518	181,900422	232,07233	310,810388	334,466839
1896	68,0065691	83,29776	136,998994	182,061786	232,270614	311,065112	334,736993
1897	68,0719424	83,3761462	137,124586	182,223294	232,469067	311,320046	335,007364
1898	68,1373785	83,4546061	137,250293	182,384946	232,66769	311,575188	335,277954
1899	68,2028775	83,5331398	137,376115	182,54674	232,866483	311,830539	335,548762
1900	68,2684395	83,6117475	137,502052	182,708678	233,065445	312,0861	335,819789
1901	68,3340645	83,6904291	137,628105	182,87076	233,264578	312,34187	336,091035
1902	68,3997525	83,7691848	137,754273	183,032986	233,463881	312,59785	336,3625
1903	68,4655038	83,8480145	137,880557	183,195355	233,663353	312,854039	336,634185
1904	68,5313182	83,9269185	138,006957	183,357869	233,862997	313,110438	336,906089
1905	68,5971959	84,0058967	138,133473	183,520527	234,062811	313,367048	337,178212
1906	68,6631369	84,0849492	138,260104	183,683329	234,262795	313,623868	337,450555
1907	68,7291413	84,1640762	138,386852	183,846275	234,462951	313,880898	337,723118
1908	68,7952092	84,2432775	138,513716	184,009366	234,663277	314,138139	337,995902
1909	68,8613406	84,3225535	138,640696	184,172602	234,863775	314,395591	338,268906
1910	68,9275355	84,401904	138,767793	184,335982	235,064444	314,653254	338,54213
1911	68,9937941	84,4813292	138,895006	184,499508	235,265284	314,911128	338,815575
1912	69,0601164	84,5608291	139,022336	184,663178	235,466296	315,169213	339,08924
1913	69,1265024	84,6404038	139,149782	184,826994	235,66748	315,42751	339,363127
1914	69,1929522	84,7200535	139,277346	184,990955	235,868836	315,686018	339,637235
1915	69,2594659	84,799778	139,405026	185,155061	236,070364	315,944739	339,911565
1916	69,3260436	84,8795776	139,532823	185,319313	236,272063	316,203671	340,186116
1917	69,3926852	84,9594523	139,660738	185,483711	236,473936	316,462816	340,460888
1918	69,4593909	85,0394022	139,78877	185,648255	236,67598	316,722173	340,735883
1919	69,5261608	85,1194273	139,916919	185,812944	236,878198	316,981742	341,0111
1920	69,5929948	85,1995277	140,045185	185,97778	237,080588	317,241525	341,286539
1921	69,6598931	85,2797035	140,173569	186,142762	237,283151	317,50152	341,562201
1922	69,7268556	85,3599547	140,302071	186,30789	237,485887	317,761728	341,838085
1923	69,7938826	85,4402814	140,430691	186,473165	237,688796	318,022149	342,114192
1924	69,860974	85,5206838	140,559429	186,638586	237,891879	318,282784	342,390522
1925	69,9281298	85,6011618	140,688284	186,804154	238,095135	318,543633	342,667075
1926	69,9953502	85,6817155	140,817258	186,969869	238,298565	318,804695	342,943852
1927	70,0626353	85,7623451	140,94635	187,135731	238,502169	319,065972	343,220852

1928	70,129985	85,8430505	141,07556	187,30174	238,705946	319,327462	343,498076
1929	70,1973995	85,9238318	141,204889	187,467896	238,909898	319,589167	343,775524
1930	70,2648787	86,0046892	141,334336	187,6342	239,114024	319,851086	344,053196
1931	70,3324229	86,0856227	141,463902	187,800651	239,318324	320,11322	344,331092
1932	70,4000319	86,1666323	141,593587	187,96725	239,522799	320,375568	344,609213
1933	70,467706	86,2477181	141,723391	188,133997	239,727449	320,638132	344,887558
1934	70,5354451	86,3288803	141,853313	188,300892	239,932274	320,900911	345,166128
1935	70,6032493	86,4101189	141,983355	188,467934	240,137273	321,163905	345,444924
1936	70,6711187	86,4914338	142,113516	188,635125	240,342448	321,427115	345,723944
1937	70,7390534	86,5728254	142,243796	188,802464	240,547798	321,69054	346,00319
1938	70,8070533	86,6542935	142,374196	188,969952	240,753323	321,954182	346,282661
1939	70,8751186	86,7358382	142,504715	189,137588	240,959024	322,218039	346,562358
1940	70,9432494	86,8174597	142,635354	189,305373	241,164901	322,482113	346,842281
1941	71,0114456	86,899158	142,766113	189,473307	241,370954	322,746403	347,12243
1942	71,0797074	86,9809332	142,896991	189,64139	241,577182	323,01091	347,402805
1943	71,1480348	87,0627854	143,02799	189,809622	241,783587	323,275633	347,683407
1944	71,2164279	87,1447145	143,159108	189,978003	241,990169	323,540574	347,964235
1945	71,2848867	87,2267208	143,290347	190,146533	242,196926	323,805731	348,245291
1946	71,3534114	87,3088043	143,421706	190,315213	242,403861	324,071106	348,526573
1947	71,4220019	87,3909649	143,553186	190,484043	242,610972	324,336698	348,808082
1948	71,4906584	87,4732029	143,684786	190,653022	242,81826	324,602508	349,089819
1949	71,5593808	87,5555183	143,816507	190,822152	243,025726	324,868536	349,371784
1950	71,6281693	87,6379112	143,948348	190,991431	243,233368	325,134782	349,653976
1951	71,697024	87,7203816	144,080311	191,16086	243,441188	325,401246	349,936396
1952	71,7659448	87,8029296	144,212394	191,33044	243,649186	325,667929	350,219044
1953	71,8349319	87,8855552	144,344598	191,50017	243,857361	325,93483	350,50192
1954	71,9039852	87,9682587	144,476924	191,670051	244,065714	326,20195	350,785025
1955	71,973105	88,0510399	144,609371	191,840083	244,274245	326,469288	351,068359
1956	72,0422912	88,1338991	144,741939	192,010265	244,482955	326,736846	351,351922
1957	72,111544	88,2168362	144,874629	192,180598	244,691842	327,004623	351,635713
1958	72,1808632	88,2998514	145,00744	192,351083	244,900909	327,27262	351,919734
1959	72,2502492	88,3829447	145,140374	192,521719	245,110153	327,540836	352,203984
1960	72,3197018	88,4661161	145,273429	192,692506	245,319577	327,809272	352,488464
1961	72,3892212	88,5493659	145,406606	192,863444	245,529179	328,077928	352,773173
1962	72,4588074	88,632694	145,539905	193,034534	245,738961	328,346804	353,058113
1963	72,5284605	88,7161005	145,673326	193,205776	245,948922	328,6159	353,343282
1964	72,5981806	88,7995855	145,80687	193,37717	246,159062	328,885217	353,628682
1965	72,6679677	88,8831491	145,940536	193,548716	246,369382	329,154755	353,914313
1966	72,7378219	88,9667913	146,074325	193,720414	246,579881	329,424514	354,200174
1967	72,8077432	89,0505122	146,208236	193,892264	246,79056	329,694494	354,486266
1968	72,8777317	89,1343119	146,34227	194,064267	247,00142	329,964695	354,772589
1969	72,9477875	89,2181904	146,476427	194,236423	247,212459	330,235117	355,059144
1970	73,0179107	89,3021479	146,610707	194,408731	247,423679	330,505761	355,34593
1971	73,0881012	89,3861844	146,74511	194,581192	247,635079	330,776627	355,632947
1972	73,1583593	89,4703	146,879636	194,753806	247,84666	331,047715	355,920197
1973	73,2286849	89,5544947	147,014286	194,926573	248,058422	331,319025	356,207678

1974	73,299078	89,6387687	147,149059	195,099493	248,270364	331,590557	356,495392
1975	73,3695389	89,7231219	147,283955	195,272567	248,482488	331,862312	356,783337
1976	73,4400675	89,8075546	147,418975	195,445794	248,694793	332,13429	357,071516
1977	73,5106638	89,8920667	147,554119	195,619175	248,907279	332,40649	357,359927
1978	73,5813281	89,9766583	147,689387	195,79271	249,119947	332,678914	357,648572
1979	73,6520602	90,0613295	147,824779	195,966399	249,332796	332,951561	357,937449
1980	73,7228604	90,1460804	147,960295	196,140242	249,545828	333,224431	358,22656
1981	73,7937286	90,2309111	148,095935	196,314239	249,759041	333,497525	358,515904
1982	73,864665	90,3158216	148,2317	196,48839	249,972437	333,770843	358,805482
1983	73,9356695	90,400812	148,367589	196,662696	250,186014	334,044385	359,095294
1984	74,0067423	90,4858823	148,503603	196,837157	250,399775	334,318151	359,38534
1985	74,0778834	90,5710328	148,639741	197,011772	250,613718	334,592141	359,67562
1986	74,1490929	90,6562633	148,776004	197,186542	250,827844	334,866356	359,966135
1987	74,2203708	90,7415741	148,912392	197,361467	251,042152	335,140796	360,256884
1988	74,2917173	90,8269651	149,048905	197,536548	251,256644	335,41546	360,547868
1989	74,3631323	90,9124365	149,185543	197,711783	251,471319	335,69035	360,839087
1990	74,434616	90,9979884	149,322307	197,887175	251,686178	335,965465	361,130542
1991	74,5061684	91,0836207	149,459196	198,062721	251,90122	336,240805	361,422232
1992	74,5777896	91,1693336	149,59621	198,238424	252,116446	336,516371	361,714157
1993	74,6494797	91,2551272	149,73335	198,414282	252,331856	336,792163	362,006318
1994	74,7212386	91,3410015	149,870615	198,590296	252,54745	337,068181	362,298716
1995	74,7930666	91,4269566	150,008007	198,766467	252,763228	337,344425	362,591349
1996	74,8649636	91,5129926	150,145524	198,942794	252,97919	337,620895	362,884219
1997	74,9369297	91,5991096	150,283168	199,119277	253,195337	337,897592	363,177325
1998	75,0089649	91,6853076	150,420938	199,295917	253,411668	338,174516	363,470668
1999	75,0810695	91,7715868	150,558833	199,472713	253,628185	338,451667	363,764248
2000	75,1532433	91,8579471	150,696856	199,649666	253,844886	338,729045	364,058065
2001	75,2254865	91,9443887	150,835005	199,826777	254,061773	339,00665	364,35212
2002	75,2977992	92,0309116	150,97328	200,004044	254,278845	339,284483	364,646412
2003	75,3701813	92,117516	151,111683	200,181469	254,496102	339,562544	364,940941
2004	75,4426331	92,2042018	151,250212	200,359051	254,713545	339,840832	365,235709
2005	75,5151545	92,2909692	151,388868	200,53679	254,931174	340,119348	365,530714
2006	75,5877456	92,3778183	151,527651	200,714688	255,148988	340,398093	365,825958
2007	75,6604065	92,4647491	151,666562	200,892743	255,366989	340,677066	366,121441
2008	75,7331372	92,5517617	151,8056	201,070956	255,585176	340,956268	366,417162
2009	75,8059379	92,6388562	151,944765	201,249327	255,803549	341,235699	366,713122
2010	75,8788085	92,7260327	152,084058	201,427856	256,02211	341,515358	367,009321
2011	75,9517492	92,8132912	152,223479	201,606544	256,240856	341,795247	367,305759
2012	76,02476	92,9006318	152,363027	201,78539	256,45979	342,075365	367,602437
2013	76,097841	92,9880546	152,502704	201,964395	256,678911	342,355713	367,899354
2014	76,1709922	93,0755596	152,642508	202,143559	256,898219	342,63629	368,196511
2015	76,2442138	93,163147	152,782441	202,322881	257,117714	342,917098	368,493908
2016	76,3175057	93,2508169	152,922501	202,502363	257,337397	343,198135	368,791545
2017	76,3908681	93,3385692	153,062691	202,682004	257,557267	343,479403	369,089423
2018	76,464301	93,4264041	153,203008	202,861804	257,777326	343,760902	369,387541
2019	76,5378045	93,5143217	153,343455	203,041764	257,997572	344,042631	369,685901

2020	76,6113787	93,6023219	153,48403	203,221883	258,218007	344,324591	369,984501
2021	76,6850236	93,6904051	153,624734	203,402162	258,43863	344,606782	370,283342
2022	76,7587393	93,7785711	153,765567	203,582602	258,659441	344,889204	370,582425
2023	76,8325258	93,86682	153,906529	203,763201	258,880441	345,171858	370,881749
2024	76,9063833	93,955152	154,04762	203,94396	259,10163	345,454744	371,181315
2025	76,9803118	94,0435672	154,188841	204,12488	259,323008	345,737861	371,481123
2026	77,0543113	94,1320655	154,330191	204,30596	259,544575	346,02121	371,781173
2027	77,128382	94,2206471	154,471671	204,487201	259,766332	346,304792	372,081466
2028	77,2025238	94,3093121	154,61328	204,668603	259,988278	346,588606	372,382001
2029	77,276737	94,3980605	154,75502	204,850165	260,210413	346,872652	372,682778
2030	77,3510215	94,4868924	154,896889	205,031889	260,432738	347,156932	372,983799
2031	77,4253774	94,5758079	155,038888	205,213774	260,655254	347,441444	373,285063
2032	77,4998047	94,6648071	155,181017	205,39582	260,877959	347,72619	373,58657
2033	77,5743036	94,7538901	155,323277	205,578028	261,100855	348,011169	373,888321
2034	77,6488742	94,8430568	155,465667	205,760397	261,323941	348,296381	374,190315
2035	77,7235164	94,9323075	155,608188	205,942928	261,547217	348,581827	374,492554
2036	77,7982304	95,0216422	155,750839	206,125621	261,770685	348,867507	374,795036
2037	77,8730161	95,1110609	155,893621	206,308476	261,994343	349,153421	375,097763
2038	77,9478738	95,2005638	156,036534	206,491494	262,218193	349,43957	375,400734
2039	78,0228034	95,2901509	156,179578	206,674673	262,442234	349,725953	375,703951
2040	78,0978051	95,3798224	156,322753	206,858016	262,666466	350,012571	376,007412
2041	78,1728789	95,4695781	156,46606	207,04152	262,890889	350,299424	376,311118
2042	78,2480248	95,5594184	156,609498	207,225188	263,115505	350,586511	376,615069
2043	78,323243	95,6493432	156,753067	207,409019	263,340312	350,873834	376,919266
2044	78,3985334	95,7393526	156,896768	207,593012	263,565312	351,161393	377,223709
2045	78,4738963	95,8294468	157,0406	207,777169	263,790504	351,449187	377,528397
2046	78,5493315	95,9196257	157,184565	207,961489	264,015888	351,737217	377,833332
2047	78,6248394	96,0098895	157,328661	208,145973	264,241464	352,025483	378,138513
2048	78,7004197	96,1002382	157,47289	208,33062	264,467234	352,313986	378,44394
2049	78,7760728	96,1906719	157,61725	208,515432	264,693196	352,602724	378,749614
2050	78,8517985	96,2811907	157,761743	208,700407	264,919352	352,8917	379,055535
2051	78,9275971	96,3717948	157,906369	208,885546	265,1457	353,180912	379,361703
2052	79,0034685	96,462484	158,051127	209,070849	265,372242	353,470361	379,668118
2053	79,0794129	96,5532587	158,196018	209,256317	265,598978	353,760048	379,974781
2054	79,1554302	96,6441187	158,341042	209,44195	265,825907	354,049972	380,281692
2055	79,2315207	96,7350643	158,486198	209,627747	266,05303	354,340133	380,58885
2056	79,3076842	96,8260954	158,631488	209,813709	266,280348	354,630533	380,896257
2057	79,383921	96,9172122	158,776911	209,999835	266,507859	354,92117	381,203912
2058	79,4602311	97,0084147	158,922467	210,186127	266,735565	355,212046	381,511815
2059	79,5366145	97,0997031	159,068157	210,372585	266,963465	355,50316	381,819967
2060	79,6130714	97,1910773	159,21398	210,559207	267,19156	355,794512	382,128368
2061	79,6896017	97,2825376	159,359937	210,745995	267,41985	356,086103	382,437018
2062	79,7662057	97,3740839	159,506027	210,932949	267,648336	356,377934	382,745918
2063	79,8428832	97,4657164	159,652252	211,120069	267,877016	356,670003	383,055067
2064	79,9196345	97,5574351	159,798611	211,307355	268,105892	356,962312	383,364465
2065	79,9964595	97,6492401	159,945103	211,494807	268,334963	357,25486	383,674114

2066	80,0733584	97,7411315	160,09173	211,682425	268,56423	357,547648	383,984012
2067	80,1503312	97,8331094	160,238492	211,870209	268,793693	357,840676	384,294161
2068	80,227378	97,9251738	160,385388	212,05816	269,023351	358,133944	384,60456
2069	80,3044989	98,0173249	160,532419	212,246278	269,253207	358,427453	384,915211
2070	80,3816939	98,1095626	160,679584	212,434563	269,483258	358,721202	385,226112
2071	80,4589631	98,2018872	160,826885	212,623015	269,713506	359,015192	385,537264
2072	80,5363066	98,2942987	160,97432	212,811634	269,943951	359,309423	385,848667
2073	80,6137245	98,3867971	161,121891	213,00042	270,174593	359,603895	386,160322
2074	80,6912167	98,4793826	161,269597	213,189374	270,405431	359,898608	386,472229
2075	80,7687835	98,5720552	161,417438	213,378495	270,636467	360,193563	386,784388
2076	80,8464248	98,664815	161,565415	213,567785	270,867701	360,488759	387,096798
2077	80,9241407	98,7576621	161,713527	213,757242	271,099132	360,784197	387,409461
2078	81,0019314	98,8505965	161,861776	213,946867	271,33076	361,079878	387,722377
2079	81,0797968	98,9436185	162,01016	214,13666	271,562587	361,375801	388,035546
2080	81,1577371	99,0367279	162,15868	214,326622	271,794611	361,671966	388,348967
2081	81,2357523	99,129925	162,307336	214,516752	272,026834	361,968374	388,662641
2082	81,3138425	99,2232098	162,456129	214,707051	272,259256	362,265026	388,976569
2083	81,3920078	99,3165823	162,605058	214,897519	272,491876	362,56192	389,290751
2084	81,4702482	99,4100428	162,754124	215,088156	272,724694	362,859057	389,605186
2085	81,5485638	99,5035911	162,903326	215,278962	272,957712	363,156438	389,919875
2086	81,6269547	99,5972275	163,052665	215,469937	273,190928	363,454063	390,234819
2087	81,705421	99,6909521	163,202141	215,661081	273,424344	363,751932	390,550016
2088	81,7839627	99,7847648	163,351754	215,852395	273,65796	364,050044	390,865469
2089	81,8625798	99,8786658	163,501504	216,043879	273,891775	364,348401	391,181176
2090	81,9412726	99,9726552	163,651391	216,235533	274,125789	364,647003	391,497138
2091	82,020041	100,066733	163,801416	216,427356	274,360004	364,945849	391,813355
2092	82,0988851	100,160899	163,951578	216,61935	274,594419	365,244941	392,129828
2093	82,177805	100,255154	164,101878	216,811514	274,829034	365,544277	392,446556
2094	82,2568008	100,349498	164,252316	217,003849	275,063849	365,843859	392,763541
2095	82,3358725	100,44393	164,402892	217,196354	275,298865	366,143686	393,080781
2096	82,4150202	100,538452	164,553605	217,38903	275,534082	366,443759	393,398277
2097	82,494244	100,633062	164,704457	217,581877	275,7695	366,744078	393,71603
2098	82,573544	100,727761	164,855447	217,774895	276,005119	367,044643	394,03404
2099	82,6529202	100,82255	165,006576	217,968085	276,24094	367,345454	394,352306
2100	82,7323727	100,917427	165,157843	218,161445	276,476962	367,646512	394,67083
2101	82,8119016	101,012394	165,309249	218,354977	276,713185	367,947816	394,98961
2102	82,8915069	101,10745	165,460794	218,548681	276,94961	368,249368	395,308649
2103	82,9711887	101,202596	165,612477	218,742557	277,186238	368,551166	395,627945
2104	83,0509472	101,297831	165,7643	218,936605	277,423067	368,853212	395,947498
2105	83,1307823	101,393156	165,916261	219,130824	277,660099	369,155506	396,26731
2106	83,2106941	101,488571	166,068363	219,325216	277,897334	369,458047	396,587381
2107	83,2906828	101,584075	166,220603	219,519781	278,134771	369,760836	396,907709
2108	83,3707484	101,679669	166,372983	219,714518	278,372411	370,063874	397,228297
2109	83,4508909	101,775353	166,525503	219,909428	278,610254	370,36716	397,549143
2110	83,5311105	101,871128	166,678162	220,104511	278,8483	370,670694	397,870249
2111	83,6114071	101,966992	166,830962	220,299767	279,08655	370,974477	398,191614

2112	83,691781	102,062947	166,983902	220,495196	279,325003	371,278509	398,513239
2113	83,7722321	102,158991	167,136981	220,690798	279,56366	371,58279	398,835123
2114	83,8527606	102,255127	167,290202	220,886574	279,80252	371,887321	399,157267
2115	83,9333665	102,351352	167,443562	221,082524	280,041585	372,192101	399,479672
2116	84,0140498	102,447669	167,597063	221,278647	280,280854	372,497131	399,802337
2117	84,0948108	102,544076	167,750705	221,474945	280,520328	372,80241	400,125262
2118	84,1756493	102,640573	167,904488	221,671416	280,760006	373,107941	400,448449
2119	84,2565656	102,737162	168,058412	221,868062	280,999889	373,413721	400,771896
2120	84,3375596	102,833841	168,212477	222,064883	281,239977	373,719752	401,095605
2121	84,4186315	102,930611	168,366683	222,261877	281,48027	374,026034	401,419575
2122	84,4997814	103,027473	168,52103	222,459047	281,720769	374,332567	401,743807
2123	84,5810092	103,124425	168,675519	222,656392	281,961472	374,639351	402,0683
2124	84,6623151	103,221469	168,83015	222,853911	282,202382	374,946387	402,393056
2125	84,7436992	103,318604	168,984922	223,051606	282,443497	375,253674	402,718074
2126	84,8251615	103,41583	169,139836	223,249476	282,684819	375,561213	403,043355
2127	84,9067021	103,513148	169,294892	223,447522	282,926346	375,869004	403,368898
2128	84,9883211	103,610558	169,450091	223,645744	283,16808	376,177047	403,694705
2129	85,0700186	103,708059	169,605431	223,844141	283,410021	376,485343	404,020774
2130	85,1517946	103,805652	169,760915	224,042714	283,652168	376,793891	404,347107
2131	85,2336492	103,903337	169,91654	224,241464	283,894522	377,102693	404,673703
2132	85,3155825	104,001114	170,072308	224,44039	284,137083	377,411747	405,000564
2133	85,3975946	104,098982	170,228219	224,639492	284,379851	377,721055	405,327688
2134	85,4796855	104,196943	170,384273	224,838771	284,622827	378,030616	405,655076
2135	85,5618553	104,294996	170,54047	225,038226	284,86601	378,340431	405,982729
2136	85,6441041	104,393141	170,696811	225,237859	285,109402	378,650499	406,310647
2137	85,7264319	104,491379	170,853294	225,437669	285,353001	378,960822	406,638829
2138	85,8088389	104,589709	171,009921	225,637656	285,596808	379,2714	406,967277
2139	85,8913251	104,688132	171,166692	225,83782	285,840824	379,582231	407,295989
2140	85,9738906	104,786647	171,323606	226,038162	286,085048	379,893318	407,624968
2141	86,0565355	104,885255	171,480664	226,238681	286,32948	380,204659	407,954212
2142	86,1392598	104,983956	171,637867	226,439379	286,574122	380,516256	408,283722
2143	86,2220637	105,082749	171,795213	226,640255	286,818973	380,828108	408,613498
2144	86,3049471	105,181636	171,952703	226,841308	287,064032	381,140215	408,94354
2145	86,3879102	105,280616	172,110338	227,04254	287,309302	381,452579	409,273849
2146	86,4709531	105,379688	172,268118	227,243951	287,55478	381,765198	409,604425
2147	86,5540758	105,478854	172,426042	227,44554	287,800469	382,078074	409,935268
2148	86,6372783	105,578114	172,58411	227,647309	288,046367	382,391205	410,266378
2149	86,7205609	105,677467	172,742324	227,849256	288,292476	382,704594	410,597755
2150	86,8039235	105,776913	172,900683	228,051382	288,538794	383,018239	410,9294
2151	86,8873663	105,876453	173,059187	228,253687	288,785324	383,332142	411,261313
2152	86,9708893	105,976086	173,217836	228,456173	289,032063	383,646302	411,593495
2153	87,0544926	106,075813	173,376631	228,658837	289,279014	383,960719	411,925944
2154	87,1381762	106,175635	173,535571	228,861682	289,526176	384,275394	412,258662
2155	87,2219403	106,27555	173,694657	229,064706	289,773549	384,590326	412,591649
2156	87,3057849	106,375559	173,853889	229,267911	290,021133	384,905517	412,924904
2157	87,3897101	106,475662	174,013266	229,471295	290,268929	385,220967	413,258429

2158	87,4737159	106,575859	174,17279	229,67486	290,516936	385,536674	413,592223
2159	87,5578025	106,676151	174,33246	229,878606	290,765155	385,852641	413,926287
2160	87,64197	106,776537	174,492277	230,082533	291,013587	386,168866	414,260621
2161	87,7262184	106,877017	174,65224	230,28664	291,26223	386,485351	414,595225
2162	87,8105477	106,977592	174,81235	230,490929	291,511087	386,802095	414,930099
2163	87,8949581	107,078262	174,972606	230,695398	291,760155	387,119098	415,265243
2164	87,9794497	107,179027	175,133009	230,90005	292,009437	387,436361	415,600658
2165	88,0640224	107,279886	175,29356	231,104882	292,258932	387,753885	415,936344
2166	88,1486765	107,38084	175,454257	231,309897	292,508639	388,071668	416,272301
2167	88,233412	107,481889	175,615102	231,515093	292,75856	388,389712	416,60853
2168	88,3182289	107,583034	175,776094	231,720471	293,008695	388,708017	416,94503
2169	88,4031273	107,684273	175,937234	231,926031	293,259043	389,026582	417,281802
2170	88,4881074	107,785608	176,098522	232,131774	293,509605	389,345409	417,618846
2171	88,5731691	107,887038	176,259957	232,3377	293,760382	389,664497	417,956162
2172	88,6583126	107,988563	176,421541	232,543808	294,011372	389,983846	418,293751
2173	88,7435379	108,090184	176,583273	232,750098	294,262577	390,303458	418,631612
2174	88,8288452	108,191901	176,745152	232,956572	294,513997	390,623331	418,969746
2175	88,9142345	108,293714	176,907181	233,163229	294,765631	390,943466	419,308154
2176	88,9997059	108,395622	177,069357	233,37007	295,017481	391,263863	419,646834
2177	89,0852594	108,497626	177,231683	233,577093	295,269546	391,584524	419,985788
2178	89,1708952	108,599726	177,394157	233,784301	295,521826	391,905446	420,325016
2179	89,2566132	108,701922	177,556781	233,991692	295,774321	392,226632	420,664518
2180	89,3424137	108,804215	177,719553	234,199267	296,027032	392,548082	421,004295
2181	89,4282967	108,906603	177,882474	234,407027	296,27996	392,869794	421,344345
2182	89,5142622	109,009088	178,045545	234,61497	296,533103	393,191771	421,684671
2183	89,6003104	109,11167	178,208766	234,823099	296,786463	393,514011	422,025271
2184	89,6864412	109,214348	178,372136	235,031411	297,040039	393,836515	422,366146
2185	89,7726549	109,317122	178,535656	235,239909	297,293831	394,159284	422,707297
2186	89,8589514	109,419993	178,699325	235,448592	297,547841	394,482317	423,048723
2187	89,9453309	109,522961	178,863145	235,657459	297,802068	394,805615	423,390425
2188	90,0317935	109,626026	179,027115	235,866512	298,056511	395,129177	423,732403
2189	90,1183391	109,729188	179,191235	236,075751	298,311173	395,453005	424,074657
2190	90,204968	109,832448	179,355506	236,285175	298,566051	395,777099	424,417188
2191	90,2916801	109,935804	179,519927	236,494784	298,821148	396,101458	424,759995
2192	90,3784756	110,039257	179,684499	236,70458	299,076462	396,426082	425,103079
2193	90,4653545	110,142808	179,849222	236,914562	299,331995	396,750973	425,44644
2194	90,5523169	110,246456	180,014096	237,12473	299,587746	397,07613	425,790079
2195	90,6393629	110,350202	180,179121	237,335085	299,843716	397,401554	426,133995
2196	90,7264926	110,454046	180,344297	237,545626	300,099904	397,727244	426,478189
2197	90,813706	110,557987	180,509625	237,756354	300,356311	398,053202	426,822661
2198	90,9010033	110,662026	180,675104	237,967269	300,612937	398,379426	427,167411
2199	90,9883845	110,766163	180,840735	238,178371	300,869783	398,705918	427,51244
2200	91,0758497	110,870398	181,006518	238,38966	301,126847	399,032677	427,857748
2201	91,163399	110,974731	181,172453	238,601137	301,384132	399,359704	428,203334
2202	91,2510324	111,079162	181,33854	238,812801	301,641636	399,686999	428,549199
2203	91,3387501	111,183691	181,504779	239,024653	301,899361	400,014563	428,895344

2204	91,4265521	111,288319	181,671171	239,236693	302,157305	400,342394	429,241768
2205	91,5144385	111,393045	181,837715	239,448922	302,41547	400,670495	429,588472
2206	91,6024094	111,49787	182,004412	239,661338	302,673856	400,998864	429,935457
2207	91,6904648	111,602794	182,171261	239,873943	302,932462	401,327503	430,282721
2208	91,7786049	111,707816	182,338264	240,086736	303,191289	401,65641	430,630266
2209	91,8668298	111,812937	182,505419	240,299718	303,450338	401,985588	430,978092
2210	91,9551394	111,918157	182,672728	240,51289	303,709607	402,315035	431,326198
2211	92,0435339	112,023476	182,840191	240,72625	303,969099	402,644752	431,674586
2212	92,1320134	112,128894	183,007806	240,939799	304,228812	402,974739	432,023255
2213	92,2205779	112,234411	183,175576	241,153538	304,488746	403,304997	432,372206
2214	92,3092276	112,340028	183,343499	241,367467	304,748903	403,635526	432,721439
2215	92,3979625	112,445744	183,511576	241,581585	305,009283	403,966325	433,070954
2216	92,4867827	112,551559	183,679808	241,795893	305,269884	404,297396	433,420751
2217	92,5756883	112,657474	183,848193	242,010392	305,530709	404,628737	433,77083
2218	92,6646793	112,763489	184,016733	242,225081	305,791756	404,960351	434,121193
2219	92,7537559	112,869603	184,185427	242,43996	306,053026	405,292236	434,471838
2220	92,8429181	112,975817	184,354276	242,655029	306,31452	405,624393	434,822766
2221	92,9321661	113,082132	184,52328	242,87029	306,576237	405,956822	435,173979
2222	93,0214998	113,188546	184,692439	243,085741	306,838177	406,289524	435,525474
2223	93,1109194	113,29506	184,861753	243,301384	307,100341	406,622498	435,877254
2224	93,2004249	113,401675	185,031222	243,517218	307,36273	406,955746	436,229318
2225	93,2900165	113,50839	185,200846	243,733243	307,625342	407,289266	436,581666
2226	93,3796942	113,615205	185,370626	243,949461	307,888179	407,62306	436,934298
2227	93,4694581	113,722121	185,540562	244,165869	308,151241	407,957127	437,287216
2228	93,5593083	113,829138	185,710653	244,38247	308,414527	408,291468	437,640418
2229	93,6492449	113,936255	185,8809	244,599263	308,678038	408,626084	437,993906
2230	93,7392679	114,043473	186,051304	244,816248	308,941774	408,960973	438,34768
2231	93,8293775	114,150792	186,221863	245,033426	309,205736	409,296137	438,701739
2232	93,9195737	114,258212	186,392579	245,250797	309,469923	409,631575	439,056084
2233	94,0098566	114,365733	186,563452	245,46836	309,734336	409,967289	439,410715
2234	94,1002262	114,473355	186,734481	245,686116	309,998975	410,303277	439,765633
2235	94,1906828	114,581079	186,905666	245,904066	310,26384	410,639541	440,120837
2236	94,2812263	114,688904	187,077009	246,122208	310,528931	410,976081	440,476329
2237	94,3718568	114,79683	187,248509	246,340545	310,794249	411,312896	440,832107
2238	94,4625745	114,904858	187,420166	246,559075	311,059793	411,649987	441,188173
2239	94,5533793	115,012988	187,591981	246,777799	311,325564	411,987355	441,544526
2240	94,6442715	115,121219	187,763952	246,996716	311,591563	412,324999	441,901168
2241	94,735251	115,229552	187,936082	247,215829	311,857788	412,66292	442,258097
2242	94,826318	115,337987	188,108369	247,435135	312,124241	413,001117	442,615315
2243	94,9174725	115,446524	188,280815	247,654636	312,390922	413,339592	442,972821
2244	95,0087147	115,555164	188,453418	247,874332	312,657831	413,678345	443,330616
2245	95,1000445	115,663905	188,62618	248,094222	312,924967	414,017375	443,6887
2246	95,1914622	115,772749	188,7991	248,314308	313,192332	414,356682	444,047073
2247	95,2829677	115,881695	188,972178	248,534589	313,459926	414,696268	444,405735
2248	95,3745612	115,990744	189,145416	248,755065	313,727748	415,036133	444,764688
2249	95,4662427	116,099895	189,318812	248,975737	313,995798	415,376275	445,12393

2250	95,5580124	116,209149	189,492367	249,196605	314,264078	415,716697	445,483462
2251	95,6498703	116,318506	189,666081	249,417668	314,532587	416,057397	445,843285
2252	95,7418165	116,427966	189,839954	249,638928	314,801326	416,398377	446,203399
2253	95,833851	116,537529	190,013987	249,860384	315,070294	416,739636	446,563803
2254	95,9259741	116,647195	190,188179	250,082037	315,339492	417,081175	446,924498
2255	96,0181857	116,756964	190,362531	250,303886	315,60892	417,422994	447,285485
2256	96,1104859	116,866837	190,537043	250,525932	315,878578	417,765092	447,646763
2257	96,2028749	116,976812	190,711715	250,748175	316,148466	418,107472	448,008333
2258	96,2953527	117,086892	190,886546	250,970615	316,418585	418,450131	448,370196
2259	96,3879193	117,197075	191,061539	251,193252	316,688935	418,793072	448,73235
2260	96,480575	117,307361	191,236691	251,416087	316,959516	419,136294	449,094797
2261	96,5733197	117,417752	191,412004	251,639119	317,230328	419,479797	449,457537
2262	96,6661536	117,528246	191,587478	251,86235	317,501372	419,823581	449,820569
2263	96,7590767	117,638844	191,763113	252,085778	317,772647	420,167648	450,183895
2264	96,8520892	117,749547	191,938909	252,309405	318,044153	420,511996	450,547515
2265	96,945191	117,860353	192,114866	252,53323	318,315892	420,856626	450,911428
2266	97,0383824	117,971264	192,290984	252,757253	318,587863	421,201539	451,275635
2267	97,1316633	118,082279	192,467264	252,981476	318,860066	421,546735	451,640136
2268	97,2250339	118,193399	192,643705	253,205897	319,132502	421,892213	452,004932
2269	97,3184943	118,304623	192,820308	253,430517	319,405171	422,237975	452,370022
2270	97,4120445	118,415952	192,997073	253,655337	319,678073	422,58402	452,735407
2271	97,5056846	118,527385	193,174	253,880356	319,951207	422,930348	453,101087
2272	97,5994147	118,638924	193,351089	254,105574	320,224575	423,276961	453,467063
2273	97,693235	118,750567	193,52834	254,330992	320,498177	423,623857	453,833334
2274	97,7871454	118,862316	193,705754	254,556611	320,772013	423,971038	454,199901
2275	97,8811461	118,974169	193,883331	254,782429	321,046082	424,318503	454,566765
2276	97,9752372	119,086128	194,061071	255,008448	321,320386	424,666254	454,933924
2277	98,0694187	119,198193	194,238973	255,234668	321,594924	425,014289	455,30138
2278	98,1636907	119,310362	194,417038	255,461088	321,869696	425,362609	455,669133
2279	98,2580534	119,422638	194,595267	255,687708	322,144704	425,711215	456,037183
2280	98,3525068	119,535019	194,773659	255,91453	322,419946	426,060106	456,40553
2281	98,4470509	119,647505	194,952215	256,141553	322,695423	426,409284	456,774175
2282	98,541686	119,760098	195,130934	256,368778	322,971136	426,758747	457,143117
2283	98,636412	119,872796	195,309817	256,596204	323,247085	427,108497	457,512358
2284	98,7312291	119,985601	195,488864	256,823832	323,523269	427,458534	457,881896
2285	98,8261373	120,098512	195,668076	257,051662	323,799689	427,808857	458,251734
2286	98,9211368	120,211528	195,847451	257,279694	324,076345	428,159468	458,621869
2287	99,0162276	120,324652	196,026991	257,507928	324,353238	428,510366	458,992304
2288	99,1114098	120,437882	196,206696	257,736364	324,630367	428,861551	459,363038
2289	99,2066835	120,551218	196,386565	257,965004	324,907733	429,213025	459,734072
2290	99,3020488	120,664661	196,566599	258,193846	325,185337	429,564786	460,105405
2291	99,3975057	120,778211	196,746799	258,422891	325,463177	429,916836	460,477038
2292	99,4930544	120,891867	196,927163	258,652139	325,741254	430,269174	460,848972
2293	99,588695	121,005631	197,107693	258,881591	326,01957	430,621801	461,221205
2294	99,6844275	121,119501	197,288388	259,111246	326,298123	430,974717	461,59374
2295	99,780252	121,233479	197,469249	259,341105	326,576914	431,327922	461,966575

2296	99,8761686	121,347564	197,650276	259,571168	326,855943	431,681417	462,339711
2297	99,9721775	121,461756	197,831469	259,801435	327,13521	432,035201	462,713149
2298	100,068279	121,576056	198,012828	260,031906	327,414717	432,389275	463,086889
2299	100,164472	121,690464	198,194353	260,262582	327,694462	432,74364	463,46093
2300	100,260758	121,804979	198,376044	260,493462	327,974446	433,098295	463,835273
2301	100,357137	121,919601	198,557902	260,724547	328,254669	433,45324	464,209919
2302	100,453608	122,034332	198,739927	260,955837	328,535132	433,808477	464,584867
2303	100,550172	122,149171	198,922119	261,187332	328,815834	434,164004	464,960119
2304	100,646828	122,264118	199,104477	261,419033	329,096776	434,519823	465,335673
2305	100,743578	122,379172	199,287003	261,650939	329,377958	434,875934	465,711531
2306	100,840421	122,494336	199,469696	261,883051	329,659381	435,232336	466,087692
2307	100,937357	122,609607	199,652557	262,115369	329,941044	435,589031	466,464157
2308	101,034385	122,724987	199,835585	262,347893	330,222947	435,946018	466,840926
2309	101,131508	122,840476	200,018781	262,580623	330,505092	436,303297	467,218
2310	101,228723	122,956073	200,202145	262,81356	330,787477	436,660869	467,595378
2311	101,326032	123,071779	200,385677	263,046703	331,070104	437,018734	467,973061
2312	101,423435	123,187594	200,569378	263,280053	331,352972	437,376893	468,351049
2313	101,520931	123,303518	200,753246	263,51361	331,636082	437,735345	468,729342
2314	101,618521	123,419551	200,937284	263,747375	331,919434	438,094091	469,107941
2315	101,716205	123,535693	201,12149	263,981346	332,203028	438,453131	469,486845
2316	101,813982	123,651944	201,305865	264,215526	332,486864	438,812465	469,866056
2317	101,911854	123,768305	201,490409	264,449913	332,770943	439,172093	470,245573
2318	102,00982	123,884776	201,675122	264,684507	333,055264	439,532017	470,625396
2319	102,107879	124,001356	201,860004	264,91931	333,339828	439,892235	471,005527
2320	102,206034	124,118045	202,045056	265,154322	333,624636	440,252749	471,385964
2321	102,304282	124,234845	202,230278	265,389542	333,909687	440,613558	471,766708
2322	102,402625	124,351754	202,415669	265,62497	334,194981	440,974662	472,147761
2323	102,501062	124,468774	202,60123	265,860607	334,480519	441,336063	472,52912
2324	102,599595	124,585903	202,786962	266,096454	334,766301	441,69776	472,910788
2325	102,698221	124,703143	202,972863	266,332509	335,052327	442,059753	473,292765
2326	102,796943	124,820493	203,158935	266,568774	335,338598	442,422043	473,675049
2327	102,895759	124,937953	203,345178	266,805249	335,625113	442,78463	474,057643
2328	102,994671	125,055524	203,531592	267,041933	335,911873	443,147514	474,440545
2329	103,093678	125,173206	203,718176	267,278827	336,198878	443,510695	474,823757
2330	103,192779	125,290999	203,904931	267,515932	336,486129	443,874174	475,207279
2331	103,291976	125,408902	204,091858	267,753247	336,773624	444,237951	475,59111
2332	103,391269	125,526916	204,278956	267,990772	337,061366	444,602026	475,975251
2333	103,490657	125,645041	204,466225	268,228508	337,349353	444,9664	476,359702
2334	103,59014	125,763278	204,653666	268,466455	337,637586	445,331072	476,744464
2335	103,689719	125,881626	204,841279	268,704613	337,926066	445,696043	477,129537
2336	103,789394	126,000085	205,029064	268,942982	338,214792	446,061313	477,514921
2337	103,889164	126,118655	205,217021	269,181563	338,503764	446,426882	477,900616
2338	103,989031	126,237337	205,405151	269,420355	338,792984	446,792751	478,286622
2339	104,088993	126,356131	205,593453	269,659359	339,082451	447,15892	478,67294
2340	104,189052	126,475037	205,781927	269,898576	339,372165	447,525389	479,059571
2341	104,289206	126,594054	205,970574	270,138004	339,662126	447,892158	479,446514

2342	104,389457	126,713184	206,159395	270,377645	339,952335	448,259228	479,833769
2343	104,489805	126,832425	206,348388	270,617498	340,242793	448,626599	480,221337
2344	104,590249	126,951779	206,537555	270,857565	340,533498	448,99427	480,609218
2345	104,690789	127,071245	206,726895	271,097844	340,824452	449,362243	480,997412
2346	104,791426	127,190824	206,916408	271,338336	341,115654	449,730518	481,38592
2347	104,89216	127,310515	207,106095	271,579042	341,407106	450,099095	481,774742
2348	104,99299	127,430319	207,295957	271,819961	341,698806	450,467973	482,163877
2349	105,093918	127,550235	207,485992	272,061094	341,990755	450,837154	482,553327
2350	105,194942	127,670264	207,676201	272,302441	342,282954	451,206637	482,943092
2351	105,296064	127,790407	207,866585	272,544002	342,575403	451,576424	483,333171
2352	105,397283	127,910662	208,057143	272,785777	342,868101	451,946513	483,723566
2353	105,498599	128,03103	208,247876	273,027766	343,16105	452,316906	484,114276
2354	105,600013	128,151512	208,438784	273,269971	343,454248	452,687602	484,505301
2355	105,701524	128,272107	208,629867	273,51239	343,747698	453,058602	484,896642
2356	105,803132	128,392816	208,821125	273,755024	344,041398	453,429906	485,2883
2357	105,904839	128,513638	209,012559	273,997874	344,335349	453,801514	485,680273
2358	106,006643	128,634574	209,204168	274,240939	344,629551	454,173427	486,072564
2359	106,108545	128,755624	209,395952	274,484219	344,924004	454,545645	486,465171
2360	106,210544	128,876787	209,587913	274,727716	345,218709	454,918167	486,858095
2361	106,312642	128,998065	209,780049	274,971428	345,513666	455,290995	487,251337
2362	106,414839	129,119457	209,972361	275,215357	345,808875	455,664129	487,644896
2363	106,517133	129,240963	210,16485	275,459502	346,104336	456,037568	488,038773
2364	106,619525	129,362583	210,357516	275,703863	346,40005	456,411314	488,432968
2365	106,722017	129,484318	210,550357	275,948442	346,696016	456,785365	488,827482
2366	106,824606	129,606167	210,743376	276,193237	346,992235	457,159724	489,222314
2367	106,927294	129,728131	210,936572	276,438249	347,288707	457,534389	489,617466
2368	107,030081	129,85021	211,129944	276,683479	347,585433	457,909361	490,012936
2369	107,132967	129,972404	211,323494	276,928927	347,882412	458,28464	490,408726
2370	107,235952	130,094712	211,517222	277,174592	348,179644	458,660227	490,804835
2371	107,339035	130,217136	211,711127	277,420475	348,477131	459,036122	491,201265
2372	107,442218	130,339675	211,90521	277,666576	348,774872	459,412325	491,598014
2373	107,5455	130,462329	212,09947	277,912895	349,072867	459,788836	491,995085
2374	107,648881	130,585099	212,293909	278,159433	349,371117	460,165656	492,392475
2375	107,752362	130,707984	212,488526	278,40619	349,669622	460,542785	492,790187
2376	107,855942	130,830985	212,683322	278,653166	349,968382	460,920222	493,18822
2377	107,959621	130,954101	212,878296	278,90036	350,267397	461,297969	493,586575
2378	108,063401	131,077334	213,073448	279,147774	350,566667	461,676026	493,985251
2379	108,16728	131,200682	213,26878	279,395408	350,866193	462,054392	494,384249
2380	108,271259	131,324147	213,464291	279,643261	351,165975	462,433069	494,78357
2381	108,375338	131,447728	213,659981	279,891334	351,466014	462,812056	495,183213
2382	108,479516	131,571425	213,85585	280,139627	351,766308	463,191353	495,583179
2383	108,583796	131,695238	214,051899	280,38814	352,066859	463,570962	495,983468
2384	108,688175	131,819168	214,248128	280,636874	352,367667	463,950881	496,38408
2385	108,792654	131,943214	214,444536	280,885829	352,668732	464,331112	496,785016
2386	108,897235	132,067378	214,641125	281,135004	352,970055	464,711654	497,186276
2387	109,001915	132,191658	214,837894	281,3844	353,271634	465,092508	497,58786

2388	109,106696	132,316055	215,034843	281,634018	353,573472	465,473675	497,989768
2389	109,211578	132,440569	215,231972	281,883857	353,875567	465,855154	498,392001
2390	109,316561	132,5652	215,429283	282,133917	354,17792	466,236945	498,794559
2391	109,421645	132,689949	215,626774	282,3842	354,480532	466,619049	499,197441
2392	109,526829	132,814815	215,824447	282,634704	354,783402	467,001467	499,60065
2393	109,632115	132,939798	216,0223	282,885431	355,086531	467,384198	500,004184
2394	109,737502	133,064899	216,220335	283,13638	355,389919	467,767242	500,408044
2395	109,842991	133,190118	216,418552	283,387552	355,693566	468,150601	500,81223
2396	109,94858	133,315455	216,61695	283,638947	355,997473	468,534273	501,216742
2397	110,054272	133,440909	216,81553	283,890564	356,301639	468,918261	501,621582
2398	110,160064	133,566482	217,014292	284,142405	356,606065	469,302562	502,026748
2399	110,265959	133,692173	217,213237	284,394469	356,910752	469,687179	502,432241
2400	110,371955	133,817982	217,412363	284,646757	357,215698	470,072111	502,838062
2401	110,478053	133,943909	217,611673	284,899269	357,520905	470,457358	503,244211
2402	110,584254	134,069955	217,811165	285,152004	357,826373	470,842922	503,650688
2403	110,690556	134,19612	218,01084	285,404964	358,132102	471,228801	504,057493
2404	110,79696	134,322403	218,210697	285,658148	358,438092	471,614996	504,464627
2405	110,903467	134,448805	218,410739	285,911557	358,744344	472,001508	504,87209
2406	111,010076	134,575326	218,610963	286,165191	359,050857	472,388337	505,279882
2407	111,116788	134,701966	218,811371	286,41905	359,357632	472,775482	505,688003
2408	111,223602	134,828726	219,011963	286,673133	359,66467	473,162945	506,096454
2409	111,330519	134,955604	219,212739	286,927443	359,971969	473,550726	506,505234
2410	111,437539	135,082602	219,413698	287,181977	360,279531	473,938824	506,914345
2411	111,544661	135,20972	219,614842	287,436738	360,587356	474,327241	507,323786
2412	111,651887	135,336957	219,816171	287,691725	360,895444	474,715975	507,733558
2413	111,759215	135,464314	220,017684	287,946938	361,203795	475,105029	508,143661
2414	111,866647	135,591791	220,219381	288,202377	361,51241	475,494401	508,554096
2415	111,974182	135,719387	220,421264	288,458043	361,821288	475,884092	508,964861
2416	112,081821	135,847104	220,623332	288,713935	362,13043	476,274103	509,375959
2417	112,189562	135,974941	220,825585	288,970055	362,439837	476,664433	509,787389
2418	112,297408	136,102898	221,028023	289,226402	362,749507	477,055083	510,199151
2419	112,405357	136,230976	221,230647	289,482976	363,059443	477,446054	510,611245
2420	112,51341	136,359174	221,433456	289,739778	363,369643	477,837344	511,023672
2421	112,621567	136,487493	221,636452	289,996808	363,680108	478,228956	511,436433
2422	112,729827	136,615932	221,839634	290,254065	363,990838	478,620888	511,849527
2423	112,838192	136,744493	222,043002	290,511551	364,301834	479,013142	512,262954
2424	112,946661	136,873174	222,246556	290,769266	364,613096	479,405717	512,676716
2425	113,055234	137,001977	222,450297	291,027208	364,924623	479,798614	513,090811
2426	113,163912	137,130901	222,654225	291,28538	365,236417	480,191832	513,505242
2427	113,272694	137,259946	222,858339	291,543781	365,548477	480,585373	513,920006
2428	113,381581	137,389112	223,062641	291,802411	365,860804	480,979237	514,335106
2429	113,490572	137,5184	223,26713	292,061271	366,173398	481,373423	514,750541
2430	113,599668	137,64781	223,471807	292,32036	366,486258	481,767933	515,166312
2431	113,708869	137,777341	223,676671	292,579679	366,799386	482,162765	515,582419
2432	113,818175	137,906995	223,881723	292,839227	367,112782	482,557922	515,998861
2433	113,927586	138,03677	224,086963	293,099007	367,426445	482,953402	516,41564

2434	114,037102	138,166668	224,292391	293,359016	367,740376	483,349206	516,832756
2435	114,146723	138,296687	224,498008	293,619257	368,054576	483,745335	517,250208
2436	114,25645	138,426829	224,703812	293,879728	368,369044	484,141788	517,667998
2437	114,366282	138,557094	224,909806	294,14043	368,68378	484,538566	518,086125
2438	114,47622	138,687481	225,115989	294,401364	368,998786	484,93567	518,50459
2439	114,586264	138,817991	225,32236	294,662529	369,314061	485,333099	518,923393
2440	114,696413	138,948624	225,528921	294,923925	369,629605	485,730853	519,342534
2441	114,806668	139,079379	225,735671	295,185554	369,945418	486,128934	519,762014
2442	114,91703	139,210258	225,94261	295,447415	370,261502	486,527341	520,181833
2443	115,027497	139,34126	226,14974	295,709507	370,577856	486,926074	520,60199
2444	115,13807	139,472385	226,357059	295,971833	370,894479	487,325134	521,022487
2445	115,24875	139,603633	226,564568	296,234391	371,211374	487,724521	521,443324
2446	115,359536	139,735005	226,772267	296,497182	371,528539	488,124236	521,864501
2447	115,470429	139,866501	226,980157	296,760206	371,845975	488,524278	522,286017
2448	115,581428	139,99812	227,188238	297,023464	372,163682	488,924648	522,707875
2449	115,692534	140,129863	227,396509	297,286955	372,481661	489,325346	523,130072
2450	115,803747	140,26173	227,604971	297,55068	372,799912	489,726372	523,552611
2451	115,915067	140,393722	227,813624	297,814639	373,118434	490,127727	523,975492
2452	116,026493	140,525837	228,022468	298,078831	373,437229	490,529411	524,398714
2453	116,138027	140,658077	228,231504	298,343259	373,756296	490,931424	524,822277
2454	116,249668	140,790441	228,440732	298,607921	374,075635	491,333767	525,246183
2455	116,361417	140,92293	228,650151	298,872817	374,395248	491,736439	525,670431
2456	116,473272	141,055543	228,859763	299,137949	374,715133	492,139442	526,095022
2457	116,585236	141,188282	229,069566	299,403316	375,035292	492,542775	526,519956
2458	116,697307	141,321145	229,279562	299,668918	375,355724	492,946438	526,945233
2459	116,809485	141,454133	229,48975	299,934756	375,67643	493,350432	527,370853
2460	116,921772	141,587247	229,700131	300,20083	375,99741	493,754757	527,796818
2461	117,034166	141,720485	229,910705	300,467139	376,318665	494,159414	528,223126
2462	117,146669	141,853849	230,121472	300,733685	376,640194	494,564402	528,649779
2463	117,259279	141,987339	230,332432	301,000468	376,961997	494,969722	529,076776
2464	117,371998	142,120954	230,543586	301,267487	377,284076	495,375374	529,504118
2465	117,484825	142,254695	230,754933	301,534743	377,606429	495,781359	529,931806
2466	117,597761	142,388561	230,966474	301,802236	377,929058	496,187676	530,359838
2467	117,710805	142,522554	231,178209	302,069966	378,251963	496,594327	530,788217
2468	117,823958	142,656673	231,390138	302,337934	378,575144	497,00131	531,216942
2469	117,93722	142,790918	231,602261	302,60614	378,898601	497,408628	531,646012
2470	118,05059	142,925289	231,814579	302,874583	379,222334	497,816279	532,07543
2471	118,16407	143,059787	232,027091	303,143265	379,546344	498,224264	532,505194
2472	118,277658	143,194411	232,239798	303,412185	379,87063	498,632583	532,935305
2473	118,391356	143,329162	232,4527	303,681343	380,195194	499,041238	533,365764
2474	118,505163	143,46404	232,665797	303,950741	380,520035	499,450227	533,796571
2475	118,61908	143,599045	232,87909	304,220377	380,845153	499,859551	534,227725
2476	118,733106	143,734177	233,092578	304,490252	381,17055	500,269211	534,659228
2477	118,847241	143,869436	233,306262	304,760367	381,496224	500,679206	535,091079
2478	118,961487	144,004822	233,520142	305,030722	381,822177	501,089538	535,523279
2479	119,075842	144,140336	233,734218	305,301316	382,148408	501,500205	535,955828

2480	119,190307	144,275977	233,94849	305,572151	382,474918	501,91121	536,388727
2481	119,304882	144,411746	234,162958	305,843225	382,801706	502,322551	536,821975
2482	119,419567	144,547642	234,377623	306,11454	383,128774	502,734229	537,255573
2483	119,534363	144,683667	234,592485	306,386096	383,456122	503,146245	537,689521
2484	119,649269	144,819819	234,807544	306,657893	383,783749	503,558598	538,12382
2485	119,764285	144,9561	235,0228	306,929931	384,111656	503,971289	538,55847
2486	119,879412	145,092508	235,238254	307,20221	384,439843	504,384319	538,99347
2487	119,994649	145,229046	235,453905	307,474731	384,768311	504,797687	539,428823
2488	120,109998	145,365711	235,669753	307,747493	385,097059	505,211394	539,864526
2489	120,225457	145,502506	235,8858	308,020497	385,426088	505,625439	540,300582
2490	120,341027	145,639429	236,102044	308,293744	385,755399	506,039824	540,73699
2491	120,456708	145,776481	236,318487	308,567233	386,08499	506,454549	541,17375
2492	120,572501	145,913661	236,535128	308,840965	386,414863	506,869614	541,610863
2493	120,688404	146,050971	236,751968	309,114939	386,745019	507,285019	542,048329
2494	120,80442	146,18841	236,969006	309,389157	387,075456	507,700764	542,486149
2495	120,920546	146,325979	237,186244	309,663617	387,406175	508,11685	542,924322
2496	121,036785	146,463677	237,403681	309,938321	387,737177	508,533277	543,362849
2497	121,153135	146,601504	237,621317	310,213269	388,068462	508,950045	543,80173
2498	121,269597	146,739462	237,839152	310,488461	388,40003	509,367155	544,240966
2499	121,386171	146,877549	238,057187	310,763897	388,731881	509,784607	544,680556
2500	121,502857	147,015766	238,275423	311,039577	389,064016	510,202401	545,120502
2501	121,619655	147,154113	238,493858	311,315502	389,396435	510,620537	545,560803
2502	121,736565	147,29259	238,712493	311,591672	389,729137	511,039016	546,001459
2503	121,853588	147,431198	238,931329	311,868087	390,062124	511,457837	546,442472
2504	121,970723	147,569935	239,150365	312,144746	390,395395	511,877003	546,883841
2505	122,087971	147,708804	239,369603	312,421652	390,728952	512,296511	547,325566
2506	122,205331	147,847803	239,589041	312,698802	391,062793	512,716364	547,767648
2507	122,322805	147,986933	239,80868	312,976199	391,396919	513,13656	548,210087
2508	122,440391	148,126194	240,028521	313,253842	391,731331	513,557101	548,652883
2509	122,558091	148,265586	240,248563	313,531731	392,066028	513,977987	549,096037
2510	122,675903	148,405109	240,468807	313,809867	392,401012	514,399217	549,539549
2511	122,793829	148,544764	240,689253	314,088249	392,736281	514,820793	549,98342
2512	122,911868	148,68455	240,909901	314,366879	393,071838	515,242714	550,427648
2513	123,03002	148,824467	241,130752	314,645755	393,40768	515,664981	550,872236
2514	123,148287	148,964516	241,351804	314,924879	393,74381	516,087594	551,317183
2515	123,266666	149,104697	241,57306	315,20425	394,080227	516,510553	551,762489
2516	123,38516	149,24501	241,794518	315,48387	394,416932	516,933859	552,208155
2517	123,503768	149,385455	242,016179	315,763737	394,753924	517,357512	552,65418
2518	123,622489	149,526032	242,238044	316,043853	395,091204	517,781512	553,100566
2519	123,741325	149,666741	242,460111	316,324217	395,428772	518,20586	553,547313
2520	123,860275	149,807583	242,682383	316,60483	395,766629	518,630556	553,99442
2521	123,979339	149,948557	242,904858	316,885692	396,104774	519,055599	554,441889
2522	124,098518	150,089664	243,127537	317,166803	396,443208	519,480991	554,889719
2523	124,217811	150,230904	243,35042	317,448163	396,781932	519,906731	555,33791
2524	124,337219	150,372276	243,573508	317,729773	397,120944	520,332821	555,786464
2525	124,456742	150,513782	243,7968	318,011633	397,460247	520,759259	556,23538

2526	124,576379	150,655421	244,020297	318,293742	397,799839	521,186047	556,684658
2527	124,696132	150,797193	244,243999	318,576102	398,139722	521,613185	557,1343
2528	124,815999	150,939099	244,467905	318,858713	398,479895	522,040673	557,584304
2529	124,935982	151,081138	244,692017	319,141574	398,820358	522,468511	558,034673
2530	125,056081	151,22331	244,916335	319,424686	399,161112	522,8967	558,485404
2531	125,176295	151,365617	245,140858	319,70805	399,502158	523,32524	558,9365
2532	125,296624	151,508057	245,365587	319,991664	399,843495	523,754131	559,387961
2533	125,417069	151,650632	245,590522	320,275531	400,185124	524,183374	559,839786
2534	125,53763	151,79334	245,815663	320,559649	400,527044	524,612968	560,291976
2535	125,658306	151,936183	246,041011	320,844019	400,869257	525,042914	560,744531
2536	125,779099	152,079161	246,266565	321,128641	401,211762	525,473213	561,197451
2537	125,900008	152,222272	246,492326	321,413516	401,554559	525,903864	561,650738
2538	126,021033	152,365519	246,718294	321,698644	401,89765	526,334869	562,10439
2539	126,142174	152,5089	246,944469	321,984024	402,241034	526,766226	562,558409
2540	126,263432	152,652417	247,170851	322,269658	402,584711	527,197937	563,012795
2541	126,384806	152,796068	247,397441	322,555545	402,928681	527,630002	563,467548
2542	126,506297	152,939855	247,624239	322,841686	403,272946	528,062421	563,922668
2543	126,627905	153,083776	247,851244	323,128081	403,617505	528,495195	564,378156
2544	126,74963	153,227834	248,078458	323,414729	403,962358	528,928323	564,834011
2545	126,871471	153,372026	248,30588	323,701632	404,307506	529,361806	565,290235
2546	126,99343	153,516355	248,53351	323,988789	404,652948	529,795644	565,746827
2547	127,115506	153,660819	248,761349	324,276202	404,998686	530,229838	566,203788
2548	127,2377	153,80542	248,989397	324,563869	405,344719	530,664387	566,661119
2549	127,360011	153,950156	249,217654	324,851791	405,691048	531,099293	567,118818
2550	127,482439	154,095029	249,446121	325,139969	406,037673	531,534555	567,576887
2551	127,604985	154,240037	249,674796	325,428402	406,384594	531,970174	568,035327
2552	127,727649	154,385183	249,903682	325,717091	406,731811	532,40615	568,494136
2553	127,850431	154,530465	250,132777	326,006037	407,079325	532,842484	568,953316
2554	127,973331	154,675883	250,362082	326,295238	407,427136	533,279175	569,412867
2555	128,096349	154,821439	250,591597	326,584697	407,775244	533,716223	569,87279
2556	128,219485	154,967131	250,821323	326,874412	408,12365	534,15363	570,333083
2557	128,34274	155,112961	251,05126	327,164384	408,472353	534,591396	570,793749
2558	128,466113	155,258928	251,281407	327,454613	408,821354	535,02952	571,254786
2559	128,589605	155,405032	251,511765	327,7451	409,170654	535,468003	571,716196
2560	128,713215	155,551273	251,742334	328,035844	409,520251	535,906846	572,177979
2561	128,836945	155,697653	251,973115	328,326846	409,870148	536,346048	572,640134
2562	128,960793	155,84417	252,204107	328,618107	410,220343	536,78561	573,102663
2563	129,08476	155,990825	252,435312	328,909626	410,570838	537,225533	573,565566
2564	129,208847	156,137618	252,666728	329,201403	410,921632	537,665816	574,028842
2565	129,333052	156,284549	252,898356	329,493439	411,272726	538,10646	574,492493
2566	129,457377	156,431618	253,130196	329,785735	411,62412	538,547464	574,956518
2567	129,581822	156,578826	253,362249	330,078289	411,975814	538,988831	575,420918
2568	129,706386	156,726172	253,594515	330,371104	412,327808	539,430559	575,885693
2569	129,83107	156,873657	253,826994	330,664177	412,680104	539,872649	576,350843
2570	129,955874	157,02128	254,059686	330,957511	413,0327	540,315102	576,816369
2571	130,080798	157,169043	254,292591	331,251106	413,385597	540,757917	577,282271

2572	130,205842	157,316945	254,525709	331,54496	413,738796	541,201095	577,74855
2573	130,331006	157,464986	254,759042	331,839075	414,092297	541,644636	578,215205
2574	130,45629	157,613166	254,992588	332,133452	414,4461	542,08854	578,682237
2575	130,581695	157,761485	255,226348	332,428089	414,800205	542,532809	579,149646
2576	130,707221	157,909944	255,460323	332,722988	415,154613	542,977441	579,617432
2577	130,832867	158,058543	255,694512	333,018148	415,509323	543,422438	580,085597
2578	130,958634	158,207282	255,928916	333,31357	415,864337	543,8678	580,55414
2579	131,084521	158,356161	256,163535	333,609254	416,219654	544,313527	581,023061
2580	131,21053	158,505179	256,398369	333,905201	416,575274	544,759619	581,492361
2581	131,33666	158,654338	256,633418	334,20141	416,931199	545,206076	581,96204
2582	131,462911	158,803638	256,868682	334,497882	417,287427	545,6529	582,432098
2583	131,589284	158,953078	257,104162	334,794617	417,64396	546,100089	582,902536
2584	131,715778	159,102658	257,339859	335,091615	418,000797	546,547645	583,373354
2585	131,842393	159,252379	257,575771	335,388876	418,35794	546,995568	583,844552
2586	131,96913	159,402241	257,811899	335,686401	418,715387	547,443858	584,316131
2587	132,09599	159,552245	258,048244	335,98419	419,07314	547,892516	584,788091
2588	132,222971	159,702389	258,284806	336,282244	419,431198	548,341541	585,260432
2589	132,350074	159,852675	258,521584	336,580562	419,789563	548,790934	585,733154
2590	132,477299	160,003102	258,75858	336,879144	420,148234	549,240695	586,206259
2591	132,604647	160,15367	258,995792	337,177991	420,507211	549,690826	586,679745
2592	132,732117	160,304381	259,233223	337,477104	420,866494	550,141324	587,153614
2593	132,859709	160,455233	259,470871	337,776481	421,226085	550,592193	587,627865
2594	132,987424	160,606227	259,708736	338,076125	421,585983	551,04343	588,1025
2595	133,115262	160,757363	259,94682	338,376034	421,946189	551,495038	588,577518
2596	133,243223	160,908641	260,185122	338,676209	422,306702	551,947015	589,05292
2597	133,371307	161,060062	260,423643	338,97665	422,667523	552,399363	589,528706
2598	133,499514	161,211625	260,662382	339,277358	423,028653	552,852082	590,004876
2599	133,627844	161,363331	260,90134	339,578333	423,390091	553,305172	590,48143
2600	133,756298	161,51518	261,140517	339,879575	423,751838	553,758633	590,95837
2601	133,884875	161,667171	261,379913	340,181084	424,113894	554,212465	591,435695
2602	134,013576	161,819306	261,619529	340,48286	424,476259	554,66667	591,913405
2603	134,1424	161,971583	261,859365	340,784904	424,838934	555,121247	592,391501
2604	134,271348	162,124005	262,09942	341,087216	425,201919	555,576196	592,869983
2605	134,400421	162,276569	262,339696	341,389797	425,565214	556,031519	593,348852
2606	134,529617	162,429277	262,580191	341,692645	425,92882	556,487214	593,828108
2607	134,658937	162,582129	262,820907	341,995763	426,292736	556,943283	594,307751
2608	134,788382	162,735124	263,061844	342,299149	426,656963	557,399726	594,787781
2609	134,917951	162,888264	263,303002	342,602804	427,021501	557,856542	595,268198
2610	135,047645	163,041547	263,544381	342,906729	427,38635	558,313733	595,749004
2611	135,177464	163,194975	263,785981	343,210923	427,751512	558,771299	596,230199
2612	135,307407	163,348548	264,027802	343,515387	428,116985	559,22924	596,711781
2613	135,437475	163,502264	264,269846	343,820122	428,482771	559,687556	597,193753
2614	135,567668	163,656126	264,512111	344,125126	428,848869	560,146248	597,676115
2615	135,697986	163,810132	264,754598	344,430402	429,21528	560,605316	598,158865
2616	135,82843	163,964283	264,997308	344,735948	429,582004	561,06476	598,642006
2617	135,958999	164,118579	265,24024	345,041765	429,949041	561,52458	599,125537

2618	136,089693	164,273021	265,483394	345,347853	430,316392	561,984777	599,609458
2619	136,220514	164,427607	265,726772	345,654213	430,684057	562,445352	600,093771
2620	136,351459	164,58234	265,970373	345,960845	431,052036	562,906304	600,578474
2621	136,482531	164,737218	266,214197	346,267748	431,420329	563,367633	601,063569
2622	136,613729	164,892241	266,458244	346,574924	431,788937	563,829341	601,549056
2623	136,745053	165,047411	266,702516	346,882373	432,15786	564,291427	602,034935
2624	136,876503	165,202726	266,947011	347,190094	432,527099	564,753892	602,521207
2625	137,008079	165,358188	267,19173	347,498088	432,896652	565,216736	603,007871
2626	137,139782	165,513796	267,436674	347,806355	433,266522	565,679959	603,494928
2627	137,271612	165,66955	267,681842	348,114896	433,636707	566,143562	603,982379
2628	137,403568	165,825451	267,927235	348,423711	434,007209	566,607545	604,470223
2629	137,535651	165,981499	268,172853	348,732799	434,378027	567,071908	604,958462
2630	137,667861	166,137693	268,418697	349,042162	434,749162	567,536651	605,447095
2631	137,800199	166,294034	268,664765	349,351799	435,120614	568,001776	605,936122
2632	137,932663	166,450523	268,911059	349,661711	435,492384	568,467281	606,425545
2633	138,065255	166,607159	269,157579	349,971898	435,864471	568,933168	606,915363
2634	138,197974	166,763942	269,404325	350,28236	436,236876	569,399437	607,405576
2635	138,330821	166,920873	269,651297	350,593097	436,6096	569,866088	607,896185
2636	138,463795	167,077951	269,898496	350,90411	436,982641	570,333122	608,387191
2637	138,596897	167,235178	270,145921	351,215399	437,356002	570,800538	608,878593
2638	138,730128	167,392552	270,393573	351,526964	437,729681	571,268338	609,370393
2639	138,863486	167,550074	270,641452	351,838805	438,10368	571,73652	609,862589
2640	138,996973	167,707745	270,889558	352,150923	438,477998	572,205087	610,355183
2641	139,130587	167,865564	271,137891	352,463318	438,852637	572,674037	610,848175
2642	139,264331	168,023531	271,386453	352,77599	439,227595	573,143372	611,341565
2643	139,398203	168,181647	271,635242	353,08894	439,602873	573,613092	611,835353
2644	139,532203	168,339912	271,884259	353,402167	439,978473	574,083196	612,329541
2645	139,666332	168,498326	272,133505	353,715672	440,354393	574,553686	612,824127
2646	139,800591	168,656889	272,382979	354,029455	440,730634	575,024561	613,319113
2647	139,934978	168,815601	272,632681	354,343516	441,107197	575,495822	613,814499
2648	140,069495	168,974463	272,882613	354,657856	441,484082	575,96747	614,310285
2649	140,20414	169,133474	273,132774	354,972475	441,861288	576,439504	614,806471
2650	140,338916	169,292634	273,383164	355,287373	442,238817	576,911924	615,303059
2651	140,47382	169,451944	273,633784	355,60255	442,616668	577,384732	615,800047
2652	140,608855	169,611405	273,884633	355,918007	442,994843	577,857928	616,297437
2653	140,744019	169,771015	274,135712	356,233744	443,37334	578,331511	616,795228
2654	140,879313	169,930776	274,387022	356,54976	443,752161	578,805482	617,293422
2655	141,014738	170,090687	274,638562	356,866058	444,131305	579,279842	617,792018
2656	141,150292	170,250748	274,890332	357,182635	444,510774	579,754591	618,291016
2657	141,285977	170,41096	275,142333	357,499494	444,890566	580,229728	618,790418
2658	141,421792	170,571323	275,394566	357,816634	445,270683	580,705256	619,290223
2659	141,557738	170,731836	275,647029	358,134055	445,651125	581,181172	619,790432
2660	141,693814	170,892501	275,899724	358,451757	446,031892	581,657479	620,291045
2661	141,830022	171,053317	276,152651	358,769742	446,412984	582,134176	620,792062
2662	141,96636	171,214284	276,405809	359,088008	446,794402	582,611264	621,293484
2663	142,102829	171,375403	276,6592	359,406557	447,176146	583,088743	621,79531

2664	142,239429	171,536673	276,912823	359,725389	447,558216	583,566613	622,297543
2665	142,376161	171,698095	277,166678	360,044503	447,940612	584,044875	622,80018
2666	142,513024	171,859669	277,420766	360,3639	448,323335	584,523529	623,303224
2667	142,650019	172,021395	277,675087	360,683581	448,706385	585,002575	623,806674
2668	142,787146	172,183274	277,929642	361,003545	449,089762	585,482014	624,310531
2669	142,924404	172,345304	278,184429	361,323793	449,473467	585,961845	624,814795
2670	143,061794	172,507487	278,43945	361,644326	449,8575	586,44207	625,319466
2671	143,199316	172,669823	278,694705	361,965142	450,241861	586,922688	625,824545
2672	143,336971	172,832311	278,950194	362,286243	450,62655	587,403701	626,330031
2673	143,474757	172,994953	279,205917	362,607629	451,011568	587,885107	626,835926
2674	143,612677	173,157747	279,461875	362,9293	451,396915	588,366908	627,34223
2675	143,750729	173,320695	279,718067	363,251257	451,782591	588,849104	627,848942
2676	143,888913	173,483796	279,974494	363,573499	452,168597	589,331695	628,356064
2677	144,02723	173,64705	280,231156	363,896027	452,554932	589,814682	628,863595
2678	144,165681	173,810458	280,488054	364,218841	452,941598	590,298064	629,371537
2679	144,304264	173,97402	280,745186	364,541942	453,328594	590,781843	629,879888
2680	144,442981	174,137736	281,002555	364,865329	453,71592	591,266018	630,38865
2681	144,581831	174,301605	281,26016	365,189003	454,103578	591,75059	630,897824
2682	144,720814	174,465629	281,518	365,512964	454,491567	592,235559	631,407408
2683	144,859931	174,629808	281,776077	365,837212	454,879887	592,720925	631,917404
2684	144,999182	174,794141	282,034391	366,161748	455,268539	593,206689	632,427812
2685	145,138567	174,958628	282,292942	366,486572	455,657523	593,692852	632,938632
2686	145,278085	175,12327	282,551729	366,811684	456,046839	594,179412	633,449865
2687	145,417738	175,288068	282,810754	367,137085	456,436488	594,666372	633,961511
2688	145,557525	175,45302	283,070016	367,462774	456,82647	595,15373	634,47357
2689	145,697446	175,618127	283,329516	367,788752	457,216786	595,641489	634,986042
2690	145,837502	175,78339	283,589254	368,11502	457,607434	596,129646	635,498929
2691	145,977693	175,948809	283,84923	368,441576	457,998417	596,618204	636,012229
2692	146,118018	176,114383	284,109444	368,768423	458,389733	597,107162	636,525945
2693	146,258478	176,280113	284,369897	369,095559	458,781384	597,596521	637,040075
2694	146,399073	176,445999	284,630588	369,422986	459,173369	598,086281	637,554621
2695	146,539803	176,61204	284,891519	369,750703	459,56569	598,576443	638,069582
2696	146,680669	176,778239	285,152689	370,078711	459,958345	599,067006	638,584959
2697	146,82167	176,944593	285,414098	370,40701	460,351337	599,557971	639,100752
2698	146,962807	177,111104	285,675746	370,7356	460,744663	600,049339	639,616962
2699	147,104079	177,277772	285,937635	371,064481	461,138326	600,541109	640,133589
2700	147,245487	177,444597	286,199764	371,393654	461,532326	601,033282	640,650633
2701	147,387031	177,611579	286,462133	371,72312	461,926661	601,525859	641,168095
2702	147,528711	177,778717	286,724742	372,052877	462,321334	602,018839	641,685975
2703	147,670527	177,946013	286,987593	372,382927	462,716344	602,512223	642,204273
2704	147,81248	178,113467	287,250684	372,71327	463,111692	603,006012	642,72299
2705	147,954569	178,281078	287,514016	373,043906	463,507377	603,500205	643,242126
2706	148,096794	178,448847	287,77759	373,374835	463,903401	603,994804	643,761681
2707	148,239156	178,616774	288,041406	373,706058	464,299762	604,489807	644,281655
2708	148,381656	178,784858	288,305463	374,037574	464,696463	604,985217	644,80205
2709	148,524292	178,953101	288,569763	374,369385	465,093502	605,481032	645,322865

2710	148,667065	179,121502	288,834304	374,70149	465,490881	605,977254	645,844101
2711	148,809975	179,290062	289,099088	375,03389	465,888599	606,473882	646,365758
2712	148,953023	179,45878	289,364115	375,366584	466,286657	606,970918	646,887836
2713	149,096209	179,627658	289,629385	375,699574	466,685055	607,468361	647,410335
2714	149,239532	179,796694	289,894898	376,032859	467,083793	607,966211	647,933257
2715	149,382993	179,965889	290,160655	376,36644	467,482872	608,46447	648,456601
2716	149,526591	180,135243	290,426655	376,700316	467,882292	608,963137	648,980368
2717	149,670328	180,304757	290,692899	377,034489	468,282054	609,462212	649,504558
2718	149,814203	180,47443	290,959387	377,368959	468,682157	609,961697	650,029171
2719	149,958216	180,644263	291,226119	377,703725	469,082601	610,46159	650,554208
2720	150,102368	180,814255	291,493096	378,038787	469,483388	610,961894	651,079669
2721	150,246658	180,984408	291,760318	378,374148	469,884517	611,462608	651,605555
2722	150,391087	181,154721	292,027784	378,709805	470,28599	611,963732	652,131865
2723	150,535655	181,325194	292,295496	379,045761	470,687805	612,465266	652,658601
2724	150,680361	181,495827	292,563453	379,382014	471,089963	612,967212	653,185761
2725	150,825207	181,666621	292,831656	379,718566	471,492465	613,469569	653,713348
2726	150,970192	181,837576	293,100105	380,055416	471,895311	613,972338	654,241361
2727	151,115317	182,008691	293,3688	380,392566	472,298501	614,475519	654,7698
2728	151,260581	182,179968	293,637741	380,730014	472,702036	614,979112	655,298666
2729	151,405984	182,351406	293,906929	381,067761	473,105915	615,483118	655,82796
2730	151,551528	182,523005	294,176363	381,405809	473,510139	615,987537	656,35768
2731	151,697211	182,694766	294,446045	381,744156	473,914709	616,492369	656,887829
2732	151,843034	182,866688	294,715973	382,082803	474,319625	616,997615	657,418406
2733	151,988998	183,038772	294,986149	382,421751	474,724886	617,503275	657,949411
2734	152,135101	183,211018	295,256573	382,760999	475,130494	618,00935	658,480846
2735	152,281346	183,383426	295,527245	383,100548	475,536448	618,515839	659,012709
2736	152,42773	183,555996	295,798165	383,440399	475,942749	619,022744	659,545002
2737	152,574256	183,728729	296,069333	383,780551	476,349397	619,530064	660,077725
2738	152,720922	183,901624	296,34075	384,121004	476,756393	620,037799	660,610879
2739	152,86773	184,074682	296,612415	384,46176	477,163736	620,545951	661,144463
2740	153,014678	184,247903	296,88433	384,802818	477,571428	621,054519	661,678478
2741	153,161768	184,421287	297,156494	385,144179	477,979468	621,563504	662,212924
2742	153,308999	184,594834	297,428908	385,485842	478,387856	622,072906	662,747802
2743	153,456372	184,768544	297,701571	385,827809	478,796594	622,582726	663,283112
2744	153,603886	184,942418	297,974484	386,170079	479,20568	623,092963	663,818854
2745	153,751542	185,116455	298,247647	386,512652	479,615116	623,603619	664,35503
2746	153,89934	185,290656	298,521061	386,85553	480,024902	624,114693	664,891638
2747	154,047281	185,465022	298,794725	387,198711	480,435038	624,626186	665,428679
2748	154,195363	185,639551	299,068641	387,542197	480,845525	625,138098	665,966155
2749	154,343588	185,814244	299,342807	387,885988	481,256362	625,65043	666,504064
2750	154,491955	185,989102	299,617225	388,230084	481,66755	626,163182	667,042408
2751	154,640465	186,164124	299,891894	388,574485	482,07909	626,676353	667,581187
2752	154,789117	186,339311	300,166815	388,919191	482,490981	627,189946	668,120401
2753	154,937913	186,514663	300,441988	389,264203	482,903224	627,703959	668,660051
2754	155,086851	186,69018	300,717413	389,609522	483,315819	628,218394	669,200136
2755	155,235933	186,865862	300,993091	389,955146	483,728767	628,73325	669,740658

2756	155,385158	187,04171	301,269022	390,301077	484,142068	629,248528	670,281616
2757	155,534526	187,217723	301,545205	390,647316	484,555722	629,764228	670,823011
2758	155,684038	187,393901	301,821642	390,993861	484,969729	630,280351	671,364844
2759	155,833694	187,570245	302,098332	391,340714	485,38409	630,796897	671,907114
2760	155,983494	187,746756	302,375276	391,687874	485,798805	631,313867	672,449822
2761	156,133437	187,923432	302,652474	392,035342	486,213874	631,83126	672,992969
2762	156,283525	188,100275	302,929926	392,383119	486,629298	632,349077	673,536554
2763	156,433757	188,277284	303,207632	392,731204	487,045077	632,867318	674,080578
2764	156,584134	188,454459	303,485592	393,079598	487,461211	633,385985	674,625042
2765	156,734655	188,631802	303,763808	393,428301	487,877701	633,905076	675,169945
2766	156,88532	188,809311	304,042279	393,777313	488,294546	634,424593	675,715289
2767	157,036131	188,986987	304,321004	394,126635	488,711748	634,944535	676,261073
2768	157,187086	189,164831	304,599986	394,476267	489,129306	635,464904	676,807298
2769	157,338187	189,342841	304,879223	394,826209	489,547221	635,985699	677,353964
2770	157,489433	189,52102	305,158716	395,176461	489,965493	636,506921	677,901071
2771	157,640824	189,699366	305,438465	395,527024	490,384122	637,02857	678,448621
2772	157,792361	189,87788	305,718471	395,877899	490,803109	637,550646	678,996613
2773	157,944043	190,056561	305,998734	396,229084	491,222454	638,07315	679,545047
2774	158,095872	190,235411	306,279253	396,580581	491,642158	638,596083	680,093924
2775	158,247846	190,41443	306,56003	396,93239	492,06222	639,119444	680,643245
2776	158,399966	190,593616	306,841064	397,28451	492,48264	639,643234	681,19301
2777	158,552233	190,772972	307,122355	397,636944	492,90342	640,167454	681,743218
2778	158,704645	190,952496	307,403905	397,989689	493,32456	640,692103	682,293871
2779	158,857205	191,132189	307,685713	398,342748	493,746059	641,217182	682,844969
2780	159,009911	191,312051	307,967778	398,69612	494,167919	641,742691	683,396511
2781	159,162764	191,492083	308,250103	399,049805	494,590139	642,268631	683,9485
2782	159,315763	191,672283	308,532686	399,403805	495,012719	642,795002	684,500934
2783	159,46891	191,852654	308,815529	399,758118	495,435661	643,321805	685,053814
2784	159,622204	192,033194	309,09863	400,112745	495,858964	643,849039	685,607141
2785	159,775646	192,213904	309,381992	400,467687	496,282629	644,376705	686,160915
2786	159,929235	192,394784	309,665613	400,822944	496,706656	644,904804	686,715136
2787	160,082971	192,575834	309,949494	401,178517	497,131045	645,433335	687,269805
2788	160,236856	192,757055	310,233635	401,534404	497,555796	645,9623	687,824921
2789	160,390888	192,938446	310,518036	401,890607	497,980911	646,491698	688,380486
2790	160,545068	193,120008	310,802699	402,247127	498,406389	647,02153	688,9365
2791	160,699397	193,301741	311,087622	402,603962	498,83223	647,551796	689,492963
2792	160,853874	193,483645	311,372807	402,961114	499,258435	648,082497	690,049876
2793	161,008499	193,66572	311,658253	403,318583	499,685005	648,613633	690,607238
2794	161,163273	193,847966	311,943961	403,676369	500,111938	649,145204	691,165051
2795	161,318196	194,030384	312,22993	404,034473	500,539237	649,677211	691,723314
2796	161,473268	194,212973	312,516162	404,392894	500,966901	650,209653	692,282027
2797	161,628489	194,395735	312,802656	404,751633	501,39493	650,742533	692,841193
2798	161,783859	194,578668	313,089413	405,11069	501,823324	651,275848	693,40081
2799	161,939378	194,761773	313,376433	405,470066	502,252085	651,809601	693,960878
2800	162,095047	194,945051	313,663715	405,829761	502,681212	652,343792	694,5214
2801	162,250865	195,128501	313,951262	406,189774	503,110706	652,87842	695,082374

2802	162,406834	195,312124	314,239071	406,550107	503,540567	653,413486	695,643801
2803	162,562952	195,49592	314,527145	406,91076	503,970795	653,948991	696,205681
2804	162,71922	195,679889	314,815483	407,271733	504,40139	654,484934	696,768016
2805	162,875639	195,86403	315,104085	407,633026	504,832354	655,021317	697,330804
2806	163,032208	196,048345	315,392951	407,994639	505,263685	655,55814	697,894047
2807	163,188927	196,232834	315,682083	408,356573	505,695385	656,095402	698,457746
2808	163,345797	196,417496	315,971479	408,718829	506,127455	656,633105	699,021899
2809	163,502818	196,602332	316,261141	409,081405	506,559893	657,171248	699,586508
2810	163,65999	196,787341	316,551068	409,444303	506,992701	657,709833	700,151573
2811	163,817313	196,972525	316,841261	409,807524	507,425878	658,248859	700,717095
2812	163,974787	197,157883	317,131721	410,171066	507,859426	658,788326	701,283073
2813	164,132412	197,343416	317,422446	410,534931	508,293344	659,328236	701,849509
2814	164,290189	197,529123	317,713438	410,899119	508,727632	659,868588	702,416402
2815	164,448118	197,715005	318,004697	411,263629	509,162292	660,409383	702,983752
2816	164,606198	197,901062	318,296222	411,628463	509,597323	660,950622	703,551562
2817	164,764431	198,087294	318,588015	411,993621	510,032726	661,492304	704,119829
2818	164,922815	198,273701	318,880076	412,359103	510,468501	662,034429	704,688556
2819	165,081352	198,460284	319,172404	412,724909	510,904649	662,576999	705,257742
2820	165,240041	198,647042	319,465	413,091039	511,341168	663,120014	705,827388
2821	165,398883	198,833976	319,757865	413,457495	511,778061	663,663474	706,397494
2822	165,557878	199,021085	320,050997	413,824275	512,215327	664,207379	706,96806
2823	165,717025	199,208371	320,344399	414,191381	512,652967	664,75173	707,539088
2824	165,876325	199,395834	320,63807	414,558812	513,090981	665,296527	708,110576
2825	166,035778	199,583472	320,932009	414,926569	513,529369	665,841771	708,682526
2826	166,195385	199,771287	321,226219	415,294653	513,968131	666,387461	709,254939
2827	166,355145	199,959279	321,520698	415,663063	514,407269	666,933599	709,827813
2828	166,515059	200,147448	321,815447	416,0318	514,846781	667,480184	710,40115
2829	166,675126	200,335794	322,110466	416,400864	515,286669	668,027217	710,97495
2830	166,835347	200,524317	322,405755	416,770255	515,726933	668,574698	711,549214
2831	166,995723	200,713017	322,701316	417,139974	516,167573	669,122629	712,123942
2832	167,156252	200,901895	322,997147	417,510021	516,60859	669,671008	712,699134
2833	167,316936	201,090951	323,293249	417,880396	517,049983	670,219836	713,27479
2834	167,477774	201,280185	323,589623	418,2511	517,491754	670,769115	713,850911
2835	167,638767	201,469597	323,886269	418,622133	517,933902	671,318844	714,427498
2836	167,799915	201,659187	324,183186	418,993495	518,376427	671,869023	715,00455
2837	167,961217	201,848955	324,480376	419,365186	518,819331	672,419653	715,582069
2838	168,122675	202,038902	324,777838	419,737207	519,262613	672,970734	716,160054
2839	168,284287	202,229028	325,075573	420,109558	519,706274	673,522267	716,738506
2840	168,446055	202,419333	325,373581	420,48224	520,150314	674,074252	717,317425
2841	168,607979	202,609817	325,671862	420,855252	520,594734	674,626689	717,896811
2842	168,770058	202,80048	325,970416	421,228595	521,039533	675,179579	718,476666
2843	168,932293	202,991322	326,269245	421,602269	521,484712	675,732922	719,056989
2844	169,094684	203,182344	326,568347	421,976274	521,930272	676,286719	719,63778
2845	169,257232	203,373546	326,867723	422,350612	522,376212	676,84097	720,219041
2846	169,419935	203,564928	327,167374	422,725281	522,822533	677,395674	720,800772
2847	169,582795	203,756489	327,467299	423,100283	523,269236	677,950834	721,382972

2848	169,745811	203,948231	327,7675	423,475618	523,71632	678,506448	721,965642
2849	169,908984	204,140154	328,067975	423,851285	524,163786	679,062518	722,548783
2850	170,072314	204,332257	328,368726	424,227286	524,611635	679,619043	723,132395
2851	170,235801	204,524541	328,669753	424,60362	525,059866	680,176025	723,716479
2852	170,399445	204,717006	328,971056	424,980288	525,50848	680,733463	724,301034
2853	170,563246	204,909652	329,272635	425,35729	525,957478	681,291358	724,886061
2854	170,727205	205,102479	329,57449	425,734627	526,406859	681,84971	725,471561
2855	170,891322	205,295488	329,876622	426,112298	526,856624	682,40852	726,057534
2856	171,055596	205,488678	330,179031	426,490305	527,306773	682,967787	726,64398
2857	171,220028	205,68205	330,481717	426,868647	527,757307	683,527513	727,2309
2858	171,384618	205,875604	330,784681	427,247324	528,208226	684,087698	727,818294
2859	171,549366	206,069341	331,087923	427,626337	528,659531	684,648342	728,406162
2860	171,714273	206,263259	331,391442	428,005687	529,11122	685,209445	728,994505
2861	171,879338	206,45736	331,69524	428,385373	529,563296	685,771008	729,583324
2862	172,044562	206,651644	331,999316	428,765396	530,015758	686,333032	730,172618
2863	172,209945	206,846111	332,303672	429,145756	530,468606	686,895516	730,762388
2864	172,375487	207,04076	332,608306	429,526453	530,921842	687,458461	731,352634
2865	172,541188	207,235593	332,913219	429,907489	531,375465	688,021867	731,943357
2866	172,707048	207,430609	333,218412	430,288862	531,829475	688,585735	732,534557
2867	172,873068	207,625808	333,523884	430,670573	532,283873	689,150065	733,126235
2868	173,039247	207,821192	333,829637	431,052623	532,73866	689,714858	733,71839
2869	173,205586	208,016759	334,13567	431,435012	533,193835	690,280113	734,311024
2870	173,372085	208,21251	334,441983	431,817741	533,649398	690,845832	734,904137
2871	173,538743	208,408445	334,748578	432,200809	534,105352	691,412015	735,497729
2872	173,705563	208,604565	335,055453	432,584216	534,561694	691,978661	736,0918
2873	173,872542	208,800869	335,36261	432,967964	535,018427	692,545772	736,686351
2874	174,039682	208,997358	335,670048	433,352052	535,47555	693,113348	737,281382
2875	174,206983	209,194032	335,977768	433,736481	535,933063	693,681389	737,876894
2876	174,374444	209,390891	336,285771	434,121251	536,390967	694,249895	738,472886
2877	174,542067	209,587936	336,594055	434,506362	536,849263	694,818867	739,06936
2878	174,70985	209,785165	336,902622	434,891815	537,30795	695,388306	739,666316
2879	174,877795	209,982581	337,211472	435,27761	537,767029	695,958211	740,263755
2880	175,045901	210,180182	337,520606	435,663747	538,2265	696,528583	740,861675
2881	175,214169	210,377969	337,830022	436,050226	538,686364	697,099423	741,460079
2882	175,382599	210,575942	338,139722	436,437049	539,146621	697,670731	742,058966
2883	175,55119	210,774101	338,449707	436,824214	539,607271	698,242506	742,658336
2884	175,719944	210,972447	338,759975	437,211723	540,068315	698,814751	743,258191
2885	175,88886	211,17098	339,070528	437,599576	540,529752	699,387464	743,858531
2886	176,057938	211,369699	339,381365	437,987773	540,991584	699,960647	744,459355
2887	176,227179	211,568605	339,692488	438,376314	541,45381	700,534299	745,060664
2888	176,396582	211,767699	340,003895	438,7652	541,916431	701,108422	745,66246
2889	176,566149	211,96698	340,315588	439,154431	542,379448	701,683015	746,264741
2890	176,735878	212,166448	340,627567	439,544007	542,84286	702,258079	746,867509
2891	176,90577	212,366105	340,939832	439,933929	543,306668	702,833615	747,470763
2892	177,075826	212,565949	341,252383	440,324197	543,770873	703,409622	748,074505
2893	177,246045	212,765981	341,565221	440,714811	544,235474	703,986101	748,678735

2894	177,416428	212,966201	341,878345	441,105771	544,700472	704,563052	749,283452
2895	177,586975	213,16661	342,191757	441,497078	545,165867	705,140477	749,888658
2896	177,757685	213,367207	342,505456	441,888733	545,63166	705,718374	750,494353
2897	177,92856	213,567993	342,819442	442,280735	546,09785	706,296746	751,100537
2898	178,099599	213,768968	343,133716	442,673084	546,56444	706,875591	751,707211
2899	178,270802	213,970132	343,448278	443,065782	547,031427	707,45491	752,314374
2900	178,44217	214,171486	343,763129	443,458828	547,498814	708,034705	752,922029
2901	178,613703	214,373029	344,078268	443,852222	547,9666	708,614974	753,530173
2902	178,785401	214,574762	344,393697	444,245966	548,434786	709,19572	754,13881
2903	178,957263	214,776684	344,709414	444,640059	548,903372	709,776941	754,747937
2904	179,129291	214,978796	345,025421	445,034502	549,372358	710,358638	755,357557
2905	179,301484	215,181099	345,341717	445,429294	549,841745	710,940812	755,967669
2906	179,473843	215,383592	345,658304	445,824437	550,311533	711,523464	756,578274
2907	179,646367	215,586276	345,975181	446,21993	550,781723	712,106592	757,189372
2908	179,819057	215,78915	346,292348	446,615774	551,252314	712,690199	757,800964
2909	179,991914	215,992215	346,609806	447,011969	551,723307	713,274284	758,41305
2910	180,164936	216,195472	346,927555	447,408516	552,194703	713,858848	759,02563
2911	180,338125	216,398919	347,245595	447,805414	552,666501	714,443891	759,638705
2912	180,51148	216,602558	347,563927	448,202665	553,138702	715,029413	760,252275
2913	180,685002	216,806389	347,88255	448,600268	553,611307	715,615415	760,86634
2914	180,85869	217,010412	348,201466	448,998223	554,084316	716,201897	761,480902
2915	181,032546	217,214626	348,520674	449,396532	554,557729	716,78886	762,09596
2916	181,206569	217,419033	348,840175	449,795194	555,031546	717,376304	762,711515
2917	181,380759	217,623632	349,159969	450,19421	555,505768	717,96423	763,327567
2918	181,555116	217,828423	349,480055	450,593579	555,980396	718,552637	763,944117
2919	181,729641	218,033408	349,800436	450,993303	556,455429	719,141527	764,561164
2920	181,904334	218,238585	350,12111	451,393382	556,930867	719,730899	765,17871
2921	182,079195	218,443955	350,442078	451,793815	557,406712	720,320754	765,796755
2922	182,254224	218,649519	350,76334	452,194604	557,882964	720,911093	766,415299
2923	182,429421	218,855276	351,084896	452,595748	558,359622	721,501915	767,034343
2924	182,604786	219,061226	351,406748	452,997248	558,836688	722,093222	767,653886
2925	182,780321	219,267371	351,728894	453,399104	559,314161	722,685013	768,27393
2926	182,956023	219,473709	352,051336	453,801317	559,792042	723,277289	768,894475
2927	183,131895	219,680241	352,374073	454,203887	560,270332	723,870051	769,515521
2928	183,307936	219,886968	352,697107	454,606813	560,74903	724,463298	770,137069
2929	183,484146	220,09389	353,020436	455,010097	561,228137	725,057032	770,759119
2930	183,660525	220,301006	353,344062	455,413739	561,707654	725,651252	771,381671
2931	183,837074	220,508317	353,667984	455,817739	562,18758	726,24596	772,004726
2932	184,013793	220,715823	353,992204	456,222097	562,667917	726,841154	772,628284
2933	184,190682	220,923525	354,316721	456,626814	563,148663	727,436837	773,252346
2934	184,36774	221,131422	354,641535	457,031891	563,629821	728,033007	773,876912
2935	184,544969	221,339514	354,966647	457,437326	564,111389	728,629666	774,501983
2936	184,722368	221,547802	355,292057	457,843121	564,59337	729,226815	775,127558
2937	184,899938	221,756287	355,617765	458,249276	565,075761	729,824452	775,753639
2938	185,077678	221,964967	355,943772	458,655791	565,558565	730,42258	776,380225
2939	185,255589	222,173844	356,270078	459,062667	566,041782	731,021197	777,007317

2940	185,433672	222,382918	356,596682	459,469904	566,525411	731,620305	777,634916
2941	185,611925	222,592188	356,923587	459,877502	567,009454	732,219904	778,263022
2942	185,79035	222,801655	357,250791	460,285462	567,49391	732,819995	778,891635
2943	185,968946	223,011319	357,578295	460,693784	567,97878	733,420577	779,520756
2944	186,147714	223,221181	357,906099	461,102468	568,464064	734,021652	780,150385
2945	186,326654	223,43124	358,234203	461,511514	568,949763	734,623219	780,780523
2946	186,505766	223,641497	358,562609	461,920923	569,435877	735,225279	781,411169
2947	186,68505	223,851951	358,891315	462,330696	569,922407	735,827833	782,042325
2948	186,864506	224,062604	359,220323	462,740832	570,409352	736,43088	782,673991
2949	187,044135	224,273455	359,549633	463,151332	570,896713	737,034422	783,306167
2950	187,223937	224,484504	359,879244	463,562196	571,38449	737,638458	783,938854
2951	187,403911	224,695752	360,209158	463,973424	571,872684	738,24299	784,572051
2952	187,584058	224,907199	360,539374	464,385017	572,361296	738,848016	785,20576
2953	187,764379	225,118844	360,869892	464,796976	572,850325	739,453539	785,839981
2954	187,944873	225,330689	361,200714	465,209299	573,339771	740,059558	786,474715
2955	188,12554	225,542733	361,531839	465,621989	573,829636	740,666074	787,10996
2956	188,306381	225,754977	361,863267	466,035045	574,319919	741,273086	787,745719
2957	188,487396	225,96742	362,195	466,448467	574,810622	741,880596	788,381992
2958	188,668585	226,180064	362,527036	466,862256	575,301743	742,488604	789,018778
2959	188,849948	226,392907	362,859377	467,276412	575,793284	743,097111	789,656079
2960	189,031486	226,605951	363,192023	467,690935	576,285246	743,706115	790,293895
2961	189,213198	226,819195	363,524973	468,105826	576,777627	744,31562	790,932225
2962	189,395084	227,03264	363,858229	468,521085	577,270429	744,925623	791,571071
2963	189,577146	227,246286	364,19179	468,936713	577,763652	745,536127	792,210434
2964	189,759382	227,460133	364,525657	469,352709	578,257297	746,147131	792,850312
2965	189,941794	227,674181	364,85983	469,769074	578,751363	746,758635	793,490708
2966	190,124381	227,88843	365,194309	470,185809	579,245852	747,370641	794,131621
2967	190,307144	228,102881	365,529095	470,602913	579,740763	747,983148	794,773051
2968	190,490082	228,317534	365,864188	471,020388	580,236097	748,596158	795,415
2969	190,673196	228,532389	366,199588	471,438232	580,731854	749,209669	796,057467
2970	190,856486	228,747446	366,535296	471,856448	581,228034	749,823684	796,700453
2971	191,039952	228,962706	366,871311	472,275034	581,724639	750,438202	797,343958
2972	191,223595	229,178168	367,207635	472,693992	582,221668	751,053223	797,987983
2973	191,407414	229,393833	367,544266	473,113321	582,719122	751,668748	798,632529
2974	191,59141	229,6097	367,881207	473,533022	583,217	752,284778	799,277594
2975	191,775583	229,825771	368,218456	473,953096	583,715304	752,901313	799,923181
2976	191,959932	230,042045	368,556014	474,373542	584,214034	753,518353	800,56929
2977	192,144459	230,258523	368,893882	474,794361	584,71319	754,135899	801,21592
2978	192,329164	230,475205	369,23206	475,215554	585,212772	754,75395	801,863072
2979	192,514046	230,69209	369,570547	475,63712	585,712781	755,372509	802,510748
2980	192,699105	230,909179	369,909345	476,05906	586,213218	755,991574	803,158946
2981	192,884343	231,126473	370,248453	476,481375	586,714082	756,611147	803,807668
2982	193,069759	231,343971	370,587873	476,904064	587,215374	757,231227	804,456914
2983	193,255352	231,561674	370,927603	477,327128	587,717094	757,851816	805,106684
2984	193,441125	231,779582	371,267645	477,750567	588,219243	758,472913	805,756979
2985	193,627075	231,997695	371,607999	478,174382	588,721821	759,094519	806,4078

2986	193,813205	232,216013	371,948664	478,598573	589,224828	759,716635	807,059146
2987	193,999514	232,434536	372,289642	479,023141	589,728265	760,33926	807,711018
2988	194,186001	232,653266	372,630933	479,448085	590,232132	760,962396	808,363417
2989	194,372668	232,8722	372,972536	479,873406	590,73643	761,586042	809,016342
2990	194,559514	233,091341	373,314453	480,299104	591,241159	762,2102	809,669796
2991	194,74654	233,310689	373,656683	480,72518	591,746319	762,834869	810,323776
2992	194,933746	233,530242	373,999227	481,151633	592,25191	763,46005	810,978285
2993	195,121132	233,750003	374,342085	481,578466	592,757933	764,085744	811,633323
2994	195,308697	233,96997	374,685257	482,005676	593,264389	764,71195	812,28889
2995	195,496444	234,190144	375,028743	482,433266	593,771278	765,338669	812,944986
2996	195,68437	234,410525	375,372545	482,861235	594,278599	765,965902	813,601613
2997	195,872477	234,631114	375,716662	483,289584	594,786355	766,593649	814,258769
2998	196,060765	234,85191	376,061094	483,718313	595,294543	767,221911	814,916457
2999	196,249234	235,072914	376,405842	484,147422	595,803167	767,850687	815,574675
3000	196,437885	235,294126	376,750906	484,576911	596,312224	768,479979	816,233425
3001	196,626716	235,515546	377,096286	485,006782	596,821717	769,109787	816,892708
3002	196,815729	235,737174	377,441983	485,437034	597,331645	769,74011	817,552523
3003	197,004924	235,959011	377,787997	485,867668	597,842008	770,37095	818,212871
3004	197,194301	236,181057	378,134328	486,298684	598,352808	771,002308	818,873752
3005	197,383859	236,403312	378,480977	486,730082	598,864044	771,634182	819,535167
3006	197,5736	236,625776	378,827943	487,161863	599,375717	772,266575	820,197116
3007	197,763524	236,848449	379,175228	487,594027	599,887827	772,899486	820,8596
3008	197,953629	237,071332	379,52283	488,026574	600,400375	773,532915	821,522619
3009	198,143918	237,294424	379,870752	488,459505	600,91336	774,166864	822,186173
3010	198,33439	237,517727	380,218992	488,89282	601,426784	774,801332	822,850264
3011	198,525044	237,74124	380,567552	489,326519	601,940647	775,43632	823,514891
3012	198,715882	237,964962	380,916431	489,760603	602,454948	776,071829	824,180054
3013	198,906904	238,188896	381,26563	490,195072	602,969689	776,707858	824,845755
3014	199,098109	238,41304	381,615149	490,629927	603,48487	777,344409	825,511994
3015	199,289497	238,637395	381,964989	491,065167	604,000491	777,981481	826,178771
3016	199,48107	238,861962	382,315149	491,500794	604,516553	778,619076	826,846086
3017	199,672827	239,086739	382,66563	491,936807	605,033055	779,257193	827,513941
3018	199,864768	239,311728	383,016433	492,373207	605,549999	779,895833	828,182334
3019	200,056894	239,536929	383,367557	492,809993	606,067384	780,534996	828,851268
3020	200,249204	239,762342	383,719003	493,247168	606,585212	781,174683	829,520742
3021	200,4417	239,987967	384,070771	493,68473	607,103482	781,814894	830,190757
3022	200,63438	240,213804	384,422862	494,12268	607,622194	782,455631	830,861313
3023	200,827246	240,439854	384,775276	494,561019	608,14135	783,096892	831,53241
3024	201,020297	240,666116	385,128012	494,999747	608,66095	783,738679	832,20405
3025	201,213533	240,892591	385,481072	495,438864	609,180993	784,380991	832,876232
3026	201,406955	241,11928	385,834456	495,87837	609,701481	785,023831	833,548957
3027	201,600564	241,346182	386,188163	496,318266	610,222414	785,667197	834,222225
3028	201,794358	241,573297	386,542195	496,758553	610,743791	786,31109	834,896037
3029	201,988339	241,800626	386,896551	497,19923	611,265614	786,955511	835,570394
3030	202,182506	242,028169	387,251233	497,640298	611,787883	787,60046	836,245295
3031	202,376859	242,255926	387,606239	498,081757	612,310598	788,245938	836,920741

3032	202,5714	242,483898	387,961571	498,523608	612,83376	788,891944	837,596733
3033	202,766128	242,712084	388,317228	498,965851	613,357369	789,53848	838,27327
3034	202,961042	242,940484	388,673212	499,408486	613,881425	790,185546	838,950355
3035	203,156144	243,1691	389,029522	499,851514	614,405929	790,833143	839,627986
3036	203,351434	243,397931	389,386158	500,294935	614,93088	791,48127	840,306164
3037	203,546912	243,626977	389,743122	500,738749	615,456281	792,129928	840,984891
3038	203,742577	243,856238	390,100413	501,182957	615,98213	792,779118	841,664165
3039	203,93843	244,085716	390,458031	501,627559	616,508429	793,42884	842,343988
3040	204,134472	244,315409	390,815977	502,072556	617,035177	794,079094	843,02436
3041	204,330702	244,545318	391,174251	502,517947	617,562376	794,729881	843,705282
3042	204,527121	244,775444	391,532854	502,963733	618,090025	795,381202	844,386754
3043	204,723728	245,005787	391,891785	503,409915	618,618125	796,033056	845,068776
3044	204,920525	245,236346	392,251046	503,856493	619,146675	796,685445	845,751349
3045	205,117511	245,467122	392,610636	504,303466	619,675678	797,338368	846,434473
3046	205,314686	245,698115	392,970555	504,750837	620,205132	797,991826	847,11815
3047	205,51205	245,929326	393,330805	505,198604	620,735039	798,64582	847,802378
3048	205,709605	246,160754	393,691384	505,646768	621,265399	799,30035	848,487159
3049	205,907349	246,3924	394,052295	506,09533	621,796212	799,955416	849,172493
3050	206,105283	246,624264	394,413536	506,54429	622,327478	800,61102	849,858381
3051	206,303408	246,856346	394,775108	506,993648	622,859198	801,26716	850,544822
3052	206,501723	247,088647	395,137012	507,443405	623,391373	801,923838	851,231819
3053	206,700229	247,321166	395,499247	507,89356	623,924002	802,581055	851,91937
3054	206,898925	247,553904	395,861815	508,344115	624,457086	803,23881	852,607476
3055	207,097813	247,786861	396,224715	508,79507	624,990626	803,897104	853,296138
3056	207,296892	248,020037	396,587947	509,246425	625,524622	804,555937	853,985357
3057	207,496162	248,253433	396,951513	509,69818	626,059073	805,215311	854,675132
3058	207,695623	248,487048	397,315412	510,150336	626,593982	805,875225	855,365464
3059	207,895277	248,720883	397,679645	510,602893	627,129347	806,53568	856,056354
3060	208,095122	248,954939	398,044211	511,055852	627,66517	807,196676	856,747802
3061	208,295159	249,189214	398,409112	511,509212	628,201451	807,858213	857,439808
3062	208,495389	249,42371	398,774347	511,962974	628,73819	808,520293	858,132373
3063	208,695811	249,658426	399,139917	512,417139	629,275388	809,182916	858,825498
3064	208,896426	249,893364	399,505822	512,871707	629,813044	809,846081	859,519182
3065	209,097234	250,128522	399,872062	513,326679	630,35116	810,509791	860,213427
3066	209,298235	250,363902	400,238639	513,782053	630,889736	811,174044	860,908233
3067	209,499429	250,599504	400,605551	514,237832	631,428772	811,838841	861,6036
3068	209,700816	250,835327	400,9728	514,694015	631,968268	812,504183	862,299528
3069	209,902397	251,071372	401,340385	515,150603	632,508225	813,170071	862,996019
3070	210,104172	251,307639	401,708308	515,607596	633,048644	813,836504	863,693072
3071	210,30614	251,544128	402,076567	516,064994	633,589524	814,503483	864,390688
3072	210,508303	251,78084	402,445164	516,522798	634,130867	815,171009	865,088868
3073	210,71066	252,017775	402,8141	516,981008	634,672672	815,839083	865,787611
3074	210,913212	252,254932	403,183373	517,439625	635,21494	816,507703	866,486919
3075	211,115958	252,492313	403,552985	517,898648	635,757671	817,176872	867,186792
3076	211,3189	252,729917	403,922935	518,358079	636,300867	817,846589	867,88723
3077	211,522036	252,967745	404,293225	518,817917	636,844526	818,516855	868,588234

3078	211,725368	253,205797	404,663855	519,278163	637,388649	819,18767	869,289804
3079	211,928895	253,444072	405,034824	519,738817	637,933238	819,859035	869,99194
3080	212,132617	253,682572	405,406133	520,19988	638,478292	820,53095	870,694644
3081	212,336536	253,921297	405,777783	520,661352	639,023811	821,203416	871,397916
3082	212,540651	254,160246	406,149773	521,123234	639,569797	821,876433	872,101755
3083	212,744961	254,399419	406,522104	521,585525	640,116249	822,550001	872,806163
3084	212,949469	254,638818	406,894777	522,048226	640,663168	823,224122	873,51114
3085	213,154172	254,878442	407,267791	522,511338	641,210554	823,898795	874,216686
3086	213,359073	255,118292	407,641147	522,97486	641,758408	824,574021	874,922802
3087	213,56417	255,358368	408,014846	523,438794	642,306731	825,2498	875,629489
3088	213,769465	255,598669	408,388887	523,903139	642,855521	825,926133	876,336746
3089	213,974957	255,839196	408,763271	524,367897	643,404781	826,603021	877,044575
3090	214,180647	256,07995	409,137998	524,833066	643,954509	827,280463	877,752975
3091	214,386534	256,32093	409,513068	525,298648	644,504708	827,958461	878,461948
3092	214,592619	256,562137	409,888483	525,764643	645,05376	828,637014	879,171493
3093	214,798903	256,803571	410,264242	526,231052	645,606515	829,316123	879,881611
3094	215,005384	257,045233	410,640345	526,697874	646,158125	829,995789	880,592303
3095	215,212064	257,287121	411,016793	527,165111	646,710207	830,676011	881,303569
3096	215,418943	257,529238	411,393586	527,632762	647,26276	831,356792	882,015409
3097	215,626021	257,771582	411,770724	528,100828	647,815785	832,03813	882,727825
3098	215,833297	258,014154	412,148209	528,569309	648,369282	832,720026	883,440815
3099	216,040773	258,256955	412,526039	529,038205	648,923253	833,402482	884,154382
3100	216,248449	258,499984	412,904215	529,507518	649,477697	834,085496	884,868525
3101	216,456324	258,743241	413,282739	529,977247	650,032614	834,769071	885,583245
3102	216,664399	258,986728	413,661609	530,447392	650,588006	835,453206	886,298542
3103	216,872674	259,230443	414,040827	530,917955	651,143872	836,137901	887,014417
3104	217,081149	259,474389	414,420392	531,388935	651,700213	836,823157	887,73087
3105	217,289824	259,718563	414,800305	531,860333	652,257029	837,508976	888,447902
3106	217,4987	259,962968	415,180567	532,332149	652,814322	838,195356	889,165513
3107	217,707777	260,207602	415,561177	532,804384	653,37209	838,882298	889,883703
3108	217,917055	260,452467	415,942136	533,277037	653,930335	839,569804	890,602474
3109	218,126534	260,697562	416,323444	533,75011	654,489057	840,257873	891,321825
3110	218,336214	260,942887	416,705102	534,223603	655,048256	840,946506	892,041757
3111	218,546096	261,188444	417,08711	534,697515	655,607933	841,635704	892,762271
3112	218,75618	261,434231	417,469468	535,171848	656,168088	842,325466	893,483367
3113	218,966466	261,68025	417,852176	535,646602	656,728722	843,015794	894,205045
3114	219,176954	261,926501	418,235235	536,121777	657,289835	843,706687	894,927306
3115	219,387644	262,172983	418,618646	536,597373	657,851427	844,398146	895,650151
3116	219,598536	262,419697	419,002408	537,073392	658,413499	845,090173	896,373579
3117	219,809632	262,666643	419,386521	537,549832	658,976051	845,782766	897,097591
3118	220,02093	262,913822	419,770987	538,026695	659,539084	846,475927	897,822189
3119	220,232432	263,161233	420,155806	538,503982	660,102598	847,169656	898,547372
3120	220,444136	263,408877	420,540977	538,981691	660,666594	847,863953	899,27314
3121	220,656045	263,656754	420,926501	539,459825	661,231071	848,55882	899,999495
3122	220,868157	263,904864	421,312378	539,938383	661,796031	849,254256	900,726436
3123	221,080472	264,153208	421,69861	540,417365	662,361473	849,950262	901,453964

3124	221,292992	264,401786	422,085195	540,896772	662,927399	850,646839	902,18208
3125	221,505717	264,650597	422,472135	541,376604	663,493808	851,343986	902,910785
3126	221,718645	264,899643	422,85943	541,856862	664,060701	852,041705	903,640077
3127	221,931779	265,148923	423,247079	542,337546	664,628078	852,739995	904,369959
3128	222,145117	265,398437	423,635084	542,818657	665,19594	853,438858	905,100431
3129	222,35866	265,648187	424,023445	543,300194	665,764287	854,138293	905,831492
3130	222,572409	265,898171	424,412161	543,782159	666,33312	854,838302	906,563144
3131	222,786363	266,148391	424,801235	544,264551	666,902439	855,538885	907,295387
3132	223,000523	266,398846	425,190664	544,74737	667,472244	856,240041	908,028221
3133	223,214889	266,649537	425,580451	545,230619	668,042537	856,941772	908,761647
3134	223,42946	266,900463	425,970595	545,714296	668,613316	857,644079	909,495666
3135	223,644238	267,151626	426,361097	546,198402	669,184583	858,346961	910,230278
3136	223,859223	267,403025	426,751956	546,682937	669,756338	859,050419	910,965482
3137	224,074414	267,654661	427,143174	547,167902	670,328582	859,754453	911,701281
3138	224,289812	267,906534	427,534751	547,653298	670,901315	860,459064	912,437674
3139	224,505417	268,158643	427,926687	548,139124	671,474537	861,164253	913,174662
3140	224,721229	268,41099	428,318982	548,625381	672,048248	861,87002	913,912245
3141	224,937249	268,663574	428,711636	549,11207	672,62245	862,576366	914,650424
3142	225,153476	268,916396	429,104651	549,59919	673,197143	863,28329	915,389199
3143	225,369912	269,169456	429,498025	550,086742	673,772326	863,990793	916,128571
3144	225,586555	269,422754	429,891761	550,574727	674,348001	864,698877	916,86854
3145	225,803406	269,67629	430,285857	551,063145	674,924168	865,40754	917,609106
3146	226,020466	269,930065	430,680315	551,551996	675,500827	866,116785	918,350271
3147	226,237735	270,184079	431,075134	552,04128	676,077979	866,82661	919,092035
3148	226,455213	270,438332	431,470315	552,530999	676,655624	867,537018	919,834397
3149	226,672899	270,692824	431,865859	553,021152	677,233763	868,248007	920,577359
3150	226,890795	270,947556	432,261765	553,51174	677,812395	868,95958	921,320922
3151	227,1089	271,202527	432,658034	554,002763	678,391522	869,671735	922,065085
3152	227,327215	271,457738	433,054666	554,494222	678,971143	870,384474	922,809849
3153	227,54574	271,713189	433,451662	554,986117	679,55126	871,097798	923,555214
3154	227,764475	271,968881	433,849022	555,478448	680,131873	871,811706	924,301182
3155	227,98342	272,224814	434,246746	555,971216	680,712981	872,526199	925,047752
3156	228,202576	272,480987	434,644835	556,464421	681,294587	873,241277	925,794925
3157	228,421942	272,737401	435,043289	556,958063	681,876689	873,956942	926,542702
3158	228,641519	272,994057	435,442108	557,452144	682,459288	874,673193	927,291082
3159	228,861307	273,250954	435,841292	557,946662	683,042385	875,390031	928,040067
3160	229,081307	273,508093	436,240843	558,44162	683,625981	876,107457	928,789657
3161	229,301518	273,765473	436,640759	558,937016	684,210075	876,82547	929,539853
3162	229,521941	274,023096	437,041043	559,432852	684,794668	877,544072	930,290654
3163	229,742575	274,280962	437,441693	559,929128	685,37976	878,263263	931,042062
3164	229,963422	274,53907	437,842711	560,425844	685,965353	878,983043	931,794077
3165	230,184481	274,797421	438,244096	560,923001	686,551445	879,703414	932,546699
3166	230,405752	275,056015	438,645849	561,420599	687,138039	880,424374	933,299929
3167	230,627236	275,314853	439,047971	561,918638	687,725134	881,145926	934,053768
3168	230,848933	275,573934	439,450461	562,417119	688,31273	881,868069	934,808215
3169	231,070844	275,833259	439,85332	562,916042	688,900828	882,590803	935,563272

3170	231,292967	276,092827	440,256549	563,415408	689,489429	883,31413	936,318939
3171	231,515304	276,352641	440,660147	563,915216	690,078533	884,03805	937,075216
3172	231,737855	276,612698	441,064115	564,415469	690,66814	884,762563	937,832103
3173	231,96062	276,873001	441,468453	564,916165	691,258251	885,48767	938,589603
3174	232,183598	277,133548	441,873162	565,417305	691,848866	886,213371	939,347714
3175	232,406791	277,39434	442,278243	565,918889	692,439986	886,939667	940,106437
3176	232,630199	277,655378	442,683694	566,420919	693,03161	887,666558	940,865773
3177	232,853822	277,916662	443,089517	566,923394	693,623741	888,394045	941,625723
3178	233,077659	278,178191	443,495712	567,426315	694,216377	889,122128	942,386286
3179	233,301712	278,439967	443,90228	567,929681	694,809519	889,850808	943,147464
3180	233,52598	278,701989	444,30922	568,433495	695,403169	890,580084	943,909256
3181	233,750463	278,964257	444,716534	568,937755	695,997325	891,309959	944,671664
3182	233,975163	279,226772	445,12422	569,442463	696,591989	892,040432	945,434688
3183	234,200078	279,489535	445,532281	569,947618	697,187161	892,771503	946,198328
3184	234,425209	279,752544	445,940715	570,453222	697,782842	893,503174	946,962584
3185	234,650557	280,015801	446,349524	570,959274	698,379032	894,235444	947,727458
3186	234,876122	280,279306	446,758708	571,465775	698,975731	894,968314	948,49295
3187	235,101903	280,543059	447,168267	571,972725	699,57294	895,701785	949,25906
3188	235,327902	280,80706	447,578201	572,480125	700,170659	896,435857	950,025789
3189	235,554118	281,071309	447,988511	572,987975	700,768889	897,170531	950,793137
3190	235,780551	281,335808	448,399198	573,496276	701,36763	897,905807	951,561105
3191	236,007202	281,600554	448,810261	574,005027	701,966883	898,641685	952,329694
3192	236,23407	281,865551	449,2217	574,51423	702,566647	899,378167	953,098903
3193	236,461157	282,130796	449,633517	575,023885	703,166924	900,115252	953,868733
3194	236,688462	282,396291	450,045711	575,533992	703,767714	900,852941	954,639185
3195	236,915986	282,662036	450,458283	576,044551	704,369017	901,591235	955,41026
3196	237,143728	282,928031	450,871234	576,555563	704,970834	902,330133	956,181957
3197	237,371689	283,194276	451,284563	577,067028	705,573165	903,069638	956,954278
3198	237,59987	283,460772	451,698271	577,578948	706,176011	903,809748	957,727222
3199	237,828269	283,727519	452,112358	578,091321	706,779372	904,550465	958,500791
3200	238,056889	283,994517	452,526825	578,604149	707,383248	905,291789	959,274985
3201	238,285728	284,261766	452,941671	579,117431	707,987641	906,033721	960,049803
3202	238,514787	284,529266	453,356898	579,63117	708,59255	906,77626	960,825248
3203	238,744066	284,797018	453,772506	580,145363	709,197975	907,519409	961,601319
3204	238,973565	285,065022	454,188495	580,660013	709,803918	908,263166	962,378017
3205	239,203286	285,333279	454,604865	581,17512	710,410379	909,007532	963,155342
3206	239,433227	285,601787	455,021616	581,690683	711,017357	909,752509	963,933296
3207	239,663389	285,870549	455,43875	582,206704	711,624855	910,498097	964,711877
3208	239,893772	286,139563	455,856266	582,723183	712,232871	911,244295	965,491087
3209	240,124377	286,40883	456,274165	583,24012	712,841407	911,991105	966,270927
3210	240,355203	286,678351	456,692447	583,757515	713,450463	912,738527	967,051397
3211	240,586252	286,948126	457,111113	584,275369	714,060039	913,486562	967,832497
3212	240,817522	287,218154	457,530162	584,793683	714,670136	914,235209	968,614228
3213	241,049015	287,488437	457,949595	585,312457	715,280754	914,98447	969,39659
3214	241,28073	287,758974	458,369413	585,831691	715,891894	915,734345	970,179584
3215	241,512668	288,029765	458,789616	586,351385	716,503557	916,484835	970,963211

3216	241,744829	288,300811	459,210204	586,87154	717,115741	917,23594	971,747471
3217	241,977213	288,572112	459,631178	587,392157	717,728449	917,98766	972,532364
3218	242,209821	288,843669	460,052537	587,913236	718,341681	918,739997	973,317891
3219	242,442652	289,115481	460,474283	588,434777	718,955436	919,49295	974,104052
3220	242,675707	289,387549	460,896415	588,95678	719,569716	920,24652	974,890849
3221	242,908986	289,659873	461,318935	589,479247	720,18452	921,000708	975,678281
3222	243,142489	289,932453	461,741841	590,002177	720,79985	921,755514	976,466349
3223	243,376217	290,20529	462,165136	590,525571	721,415705	922,510938	977,255053
3224	243,610169	290,478384	462,588818	591,049429	722,032087	923,266981	978,044395
3225	243,844347	290,751734	463,012889	591,573752	722,648996	924,023645	978,834374
3226	244,078749	291,025342	463,437349	592,098541	723,266431	924,780928	979,624992
3227	244,313377	291,299207	463,862198	592,623794	723,884394	925,538832	980,416247
3228	244,54823	291,57333	464,287436	593,149514	724,502885	926,297357	981,208142
3229	244,783309	291,847711	464,713064	593,6757	725,121905	927,056503	982,000677
3230	245,018614	292,12235	465,139082	594,202353	725,741453	927,816272	982,793852
3231	245,254145	292,397247	465,565491	594,729473	726,361531	928,576664	983,587667
3232	245,489903	292,672403	465,992291	595,257061	726,982138	929,337678	984,382124
3233	245,725887	292,947819	466,419481	595,785116	727,603276	930,099317	985,177222
3234	245,962098	293,223493	466,847064	596,31364	728,224944	930,861579	985,972962
3235	246,198536	293,499427	467,275039	596,842633	728,847144	931,624467	986,769346
3236	246,435202	293,77562	467,703405	597,372095	729,469875	932,387979	987,566372
3237	246,672094	294,052073	468,132165	597,902027	730,093139	933,152117	988,364042
3238	246,909215	294,328787	468,561318	598,432429	730,716934	933,916882	989,162357
3239	247,146564	294,60576	468,990864	598,963302	731,341263	934,682273	989,961316
3240	247,38414	294,882995	469,420804	599,494645	731,966125	935,448292	990,760921
3241	247,621946	295,16049	469,851138	600,02646	732,591521	936,214938	991,561171
3242	247,859979	295,438247	470,281866	600,558747	733,217452	936,982213	992,362068
3243	248,098242	295,716265	470,712989	601,091506	733,843917	937,750116	993,163612
3244	248,336733	295,994544	471,144508	601,624737	734,470918	938,518649	993,965803
3245	248,575454	296,273086	471,576422	602,158442	735,098454	939,287811	994,768642
3246	248,814404	296,551889	472,008732	602,69262	735,726526	940,057604	995,57213
3247	249,053584	296,830955	472,441439	603,227271	736,355135	940,828028	996,376266
3248	249,292994	297,110283	472,874542	603,762397	736,984281	941,599084	997,181052
3249	249,532634	297,389875	473,308042	604,297998	737,613965	942,370771	997,986489
3250	249,772505	297,669729	473,74194	604,834074	738,244187	943,14309	998,792575
3251	250,012606	297,949847	474,176235	605,370626	738,874947	943,916043	999,599313
3252	250,252938	298,230228	474,610928	605,907653	739,506246	944,689629	1000,4067
3253	250,4935	298,510874	475,04602	606,445157	740,138084	945,463849	1001,21474
3254	250,734295	298,791783	475,481511	606,983138	740,770462	946,238704	1002,02344
3255	250,97532	299,072957	475,917401	607,521596	741,403381	947,014193	1002,83279
3256	251,216577	299,354395	476,353691	608,060531	742,03684	947,790318	1003,64279
3257	251,458066	299,636098	476,79038	608,599945	742,670841	948,56708	1004,45344
3258	251,699788	299,918066	477,22747	609,139837	743,305383	949,344477	1005,26475
3259	251,941741	300,2003	477,664961	609,680208	743,940468	950,122512	1006,07672
3260	252,183928	300,482799	478,102853	610,221059	744,576095	950,901185	1006,88934
3261	252,426347	300,765564	478,541146	610,762389	745,212265	951,680496	1007,70262

3262	252,668999	301,048595	478,979841	611,304199	745,848979	952,460445	1008,51655
3263	252,911884	301,331892	479,418938	611,846491	746,486236	953,241034	1009,33114
3264	253,155003	301,615456	479,858437	612,389263	747,124038	954,022262	1010,14639
3265	253,398355	301,899287	480,29834	612,932517	747,762385	954,804131	1010,9623
3266	253,641942	302,183385	480,738646	613,476252	748,401278	955,58664	1011,77887
3267	253,885762	302,46775	481,179355	614,02047	749,040716	956,369791	1012,5961
3268	254,129817	302,752383	481,620468	614,565171	749,680701	957,153583	1013,41398
3269	254,374107	303,037284	482,061986	615,110355	750,321233	957,938018	1014,23253
3270	254,618631	303,322453	482,503909	615,656023	750,962311	958,723096	1015,05174
3271	254,863391	303,60789	482,946237	616,202174	751,603938	959,508817	1015,87161
3272	255,108386	303,893596	483,38897	616,748811	752,246113	960,295182	1016,69214
3273	255,353616	304,17957	483,832109	617,295932	752,888836	961,082192	1017,51334
3274	255,599082	304,465814	484,275654	617,843538	753,532109	961,869846	1018,3352
3275	255,844784	304,752327	484,719606	618,39163	754,175931	962,658147	1019,15772
3276	256,090722	305,03911	485,163965	618,940209	754,820303	963,447093	1019,98091
3277	256,336897	305,326163	485,608731	619,489274	755,465226	964,236685	1020,80476
3278	256,583308	305,613486	486,053905	620,038826	756,1107	965,026925	1021,62928
3279	256,829956	305,901079	486,499487	620,588866	756,756725	965,817813	1022,45446
3280	257,076841	306,188942	486,945478	621,139393	757,403303	966,609348	1023,28031
3281	257,323964	306,477077	487,391877	621,690409	758,050432	967,401533	1024,10683
3282	257,571324	306,765483	487,838686	622,241914	758,698115	968,194366	1024,93401
3283	257,818921	307,05416	488,285904	622,793908	759,346351	968,98785	1025,76186
3284	258,066757	307,343109	488,733533	623,346392	759,995141	969,781983	1026,59038
3285	258,314831	307,63233	489,181571	623,899366	760,644485	970,576768	1027,41957
3286	258,563144	307,921823	489,630021	624,45283	761,294384	971,372204	1028,24943
3287	258,811695	308,211588	490,078881	625,006786	761,944839	972,168291	1029,07996
3288	259,060485	308,501626	490,528153	625,561232	762,595849	972,965032	1029,91117
3289	259,309515	308,791937	490,977837	626,116171	763,247415	973,762425	1030,74304
3290	259,558783	309,082521	491,427933	626,671602	763,899538	974,560471	1031,57558
3291	259,808292	309,373379	491,878442	627,227526	764,552218	975,359172	1032,4088
3292	260,05804	309,66451	492,329363	627,783943	765,205456	976,158527	1033,24269
3293	260,308028	309,955916	492,780698	628,340853	765,859252	976,958538	1034,07725
3294	260,558257	310,247595	493,232447	628,898257	766,513607	977,759204	1034,91249
3295	260,808726	310,539549	493,68461	629,456156	767,168521	978,560526	1035,7484
3296	261,059436	310,831778	494,137187	630,01455	767,823994	979,362505	1036,58499
3297	261,310387	311,124282	494,59018	630,573439	768,480027	980,165141	1037,42225
3298	261,561579	311,41706	495,043587	631,132824	769,136621	980,968435	1038,26019
3299	261,813012	311,710115	495,497411	631,692706	769,793776	981,772387	1039,09881
3300	262,064688	312,003445	495,95165	632,253084	770,451492	982,576999	1039,9381
3301	262,316605	312,297052	496,406306	632,813959	771,10977	983,382269	1040,77808
3302	262,568764	312,590934	496,861378	633,375331	771,768611	984,1882	1041,61873
3303	262,821166	312,885093	497,316868	633,937202	772,428014	984,994791	1042,46005
3304	263,07381	313,179529	497,772775	634,499571	773,087981	985,802043	1043,30206
3305	263,326698	313,474242	498,2291	635,062439	773,748512	986,609957	1044,14475
3306	263,579828	313,769233	498,685844	635,625806	774,409607	987,418533	1044,98812
3307	263,833202	314,064501	499,143006	636,189673	775,071267	988,227771	1045,83217

3308	264,086819	314,360047	499,600587	636,75404	775,733493	989,037673	1046,6769
3309	264,34068	314,655871	500,058588	637,318908	776,396284	989,848238	1047,52232
3310	264,594785	314,951973	500,517009	637,884277	777,059641	990,659468	1048,36842
3311	264,849134	315,248354	500,97585	638,450147	777,723566	991,471363	1049,2152
3312	265,103728	315,545014	501,435111	639,01652	778,388057	992,283923	1050,06266
3313	265,358567	315,841953	501,894794	639,583395	779,053117	993,097149	1050,91081
3314	265,61365	316,139171	502,354898	640,150773	779,718744	993,911041	1051,75964
3315	265,868979	316,43667	502,815424	640,718654	780,38494	994,7256	1052,60916
3316	266,124553	316,734448	503,276372	641,287039	781,051706	995,540828	1053,45937
3317	266,380373	317,032506	503,737742	641,855928	781,719041	996,356723	1054,31026
3318	266,636439	317,330845	504,199536	642,425321	782,386946	997,173286	1055,16184
3319	266,892751	317,629464	504,661753	642,99522	783,055422	997,990519	1056,01411
3320	267,149309	317,928365	505,124393	643,565625	783,724469	998,808422	1056,86707
3321	267,406114	318,227547	505,587458	644,136535	784,394088	999,626995	1057,72071
3322	267,663166	318,52701	506,050947	644,707952	785,064279	1000,44624	1058,57505
3323	267,920465	318,826756	506,514861	645,279876	785,735042	1001,26615	1059,43007
3324	268,178011	319,126783	506,9792	645,852307	786,406379	1002,08674	1060,28579
3325	268,435805	319,427093	507,443966	646,425246	787,078289	1002,908	1061,1422
3326	268,693847	319,727685	507,909157	646,998693	787,750773	1003,72993	1061,99929
3327	268,952136	320,02856	508,374774	647,572649	788,423832	1004,55254	1062,85708
3328	269,210674	320,329718	508,840819	648,147114	789,097466	1005,37582	1063,71557
3329	269,469461	320,63116	509,30729	648,722089	789,771675	1006,19978	1064,57474
3330	269,728496	320,932885	509,77419	649,297574	790,446461	1007,02441	1065,43462
3331	269,98778	321,234894	510,241517	649,873569	791,121823	1007,84971	1066,29518
3332	270,247314	321,537188	510,709273	650,450075	791,797762	1008,6757	1067,15644
3333	270,507097	321,839766	511,177457	651,027093	792,474278	1009,50236	1068,0184
3334	270,76713	322,142628	511,646071	651,604622	793,151373	1010,32969	1068,88105
3335	271,027412	322,445776	512,115114	652,182664	793,829046	1011,15771	1069,7444
3336	271,287945	322,749209	512,584587	652,761219	794,507298	1011,9864	1070,60845
3337	271,548728	323,052927	513,054491	653,340287	795,18613	1012,81578	1071,47319
3338	271,809762	323,356932	513,524826	653,919869	795,865542	1013,64583	1072,33863
3339	272,071047	323,661222	513,995591	654,499964	796,545534	1014,47656	1073,20477
3340	272,332583	323,965799	514,466788	655,080575	797,226107	1015,30798	1074,07162
3341	272,594371	324,270662	514,938418	655,6617	797,907262	1016,14007	1074,93916
3342	272,85641	324,575812	515,410479	656,243341	798,588998	1016,97285	1075,8074
3343	273,118701	324,881249	515,882973	656,825498	799,271317	1017,80631	1076,67634
3344	273,381244	325,186974	516,355901	657,408171	799,954219	1018,64045	1077,54599
3345	273,64404	325,492987	516,829262	657,991361	800,637705	1019,47528	1078,41634
3346	273,907088	325,799287	517,303057	658,575069	801,321774	1020,31079	1079,28739
3347	274,170389	326,105876	517,777286	659,159294	802,006428	1021,14698	1080,15914
3348	274,433943	326,412753	518,25195	659,744038	802,691667	1021,98386	1081,0316
3349	274,697751	326,719919	518,727049	660,329301	803,377492	1022,82143	1081,90476
3350	274,961812	327,027374	519,202584	660,915082	804,063902	1023,65968	1082,77863
3351	275,226127	327,335118	519,678555	661,501383	804,750899	1024,49862	1083,65321
3352	275,490696	327,643152	520,154961	662,088205	805,438483	1025,33825	1084,52849
3353	275,755519	327,951476	520,631805	662,675547	806,126654	1026,17857	1085,40448

3354	276,020597	328,26009	521,109086	663,26341	806,815413	1027,01957	1086,28117
3355	276,28593	328,568995	521,586804	663,851794	807,504761	1027,86127	1087,15858
3356	276,551518	328,87819	522,064961	664,4407	808,194698	1028,70365	1088,03669
3357	276,817361	329,187676	522,543555	665,030129	808,885224	1029,54672	1088,91551
3358	277,08346	329,497453	523,022589	665,620081	809,57634	1030,39049	1089,79504
3359	277,349814	329,807522	523,502061	666,210556	810,268047	1031,23494	1090,67528
3360	277,616424	330,117882	523,981974	666,801555	810,960345	1032,08009	1091,55623
3361	277,883291	330,428535	524,462326	667,393078	811,653234	1032,92593	1092,4379
3362	278,150415	330,73948	524,943118	667,985126	812,346715	1033,77247	1093,32027
3363	278,417795	331,050718	525,424351	668,577699	813,040789	1034,61969	1094,20336
3364	278,685432	331,362248	525,906026	669,170798	813,735456	1035,46762	1095,08717
3365	278,953326	331,674072	526,388141	669,764423	814,430716	1036,31623	1095,97168
3366	279,221478	331,986189	526,870699	670,358574	815,12657	1037,16555	1096,85691
3367	279,489888	332,2986	527,3537	670,953253	815,823019	1038,01555	1097,74286
3368	279,758555	332,611304	527,837143	671,548459	816,520063	1038,86626	1098,62952
3369	280,027481	332,924304	528,321029	672,144193	817,217702	1039,71766	1099,5169
3370	280,296666	333,237597	528,805359	672,740456	817,915938	1040,56976	1100,40499
3371	280,566109	333,551185	529,290132	673,337247	818,61477	1041,42256	1101,2938
3372	280,835811	333,865069	529,775351	673,934568	819,314199	1042,27606	1102,18333
3373	281,105773	334,179248	530,261014	674,532419	820,014226	1043,13026	1103,07358
3374	281,375994	334,493722	530,747122	675,130801	820,714851	1043,98515	1103,96455
3375	281,646474	334,808493	531,233676	675,729713	821,416075	1044,84075	1104,85623
3376	281,917215	335,12356	531,720676	676,329156	822,117897	1045,69705	1105,74864
3377	282,188216	335,438923	532,208122	676,929131	822,82032	1046,55405	1106,64177
3378	282,459478	335,754583	532,696015	677,529639	823,523342	1047,41175	1107,53562
3379	282,731	336,07054	533,184356	678,130679	824,226965	1048,27016	1108,43019
3380	283,002783	336,386794	533,673144	678,732252	824,931189	1049,12927	1109,32548
3381	283,274828	336,703346	534,16238	679,334359	825,636015	1049,98908	1110,2215
3382	283,547134	337,020196	534,652065	679,937	826,341444	1050,8496	1111,11824
3383	283,819702	337,337344	535,142199	680,540176	827,047474	1051,71082	1112,0157
3384	284,092532	337,65479	535,632782	681,143886	827,754109	1052,57275	1112,91389
3385	284,365624	337,972535	536,123815	681,748133	828,461347	1053,43539	1113,81281
3386	284,638978	338,290579	536,615298	682,352915	829,169189	1054,29873	1114,71245
3387	284,912596	338,608923	537,107231	682,958234	829,877636	1055,16278	1115,61282
3388	285,186476	338,927566	537,599616	683,56409	830,586688	1056,02754	1116,51391
3389	285,46062	339,246509	538,092451	684,170483	831,296346	1056,89301	1117,41573
3390	285,735027	339,565752	538,585739	684,777414	832,00661	1057,75918	1118,31829
3391	286,009698	339,885295	539,079479	685,384884	832,717482	1058,62607	1119,22157
3392	286,284633	340,205139	539,573671	685,992892	833,42896	1059,49367	1120,12558
3393	286,559833	340,525284	540,068317	686,60144	834,141047	1060,36197	1121,03032
3394	286,835296	340,845731	540,563416	687,210528	834,853742	1061,23099	1121,93579
3395	287,111025	341,166479	541,058969	687,820156	835,567046	1062,10072	1122,84199
3396	287,387019	341,487528	541,554976	688,430325	836,280959	1062,97117	1123,74892
3397	287,663278	341,80888	542,051437	689,041035	836,995482	1063,84233	1124,65659
3398	287,939802	342,130535	542,548354	689,652287	837,710616	1064,7142	1125,56499
3399	288,216593	342,452492	543,045727	690,264081	838,426361	1065,58678	1126,47412

3400	288,493649	342,774752	543,543555	690,876418	839,142717	1066,46008	1127,38399
3401	288,770972	343,097315	544,04184	691,489298	839,859686	1067,3341	1128,29459
3402	289,048561	343,420181	544,540582	692,102722	840,577267	1068,20883	1129,20593
3403	289,326418	343,743352	545,039781	692,71669	841,295461	1069,08429	1130,11801
3404	289,604541	344,066827	545,539437	693,331203	842,014268	1069,96045	1131,03082
3405	289,882932	344,390606	546,039552	693,94626	842,73369	1070,83734	1131,94436
3406	290,16159	344,71469	546,540125	694,561864	843,453727	1071,71494	1132,85865
3407	290,440516	345,039078	547,041157	695,178013	844,174379	1072,59327	1133,77368
3408	290,71971	345,363772	547,542648	695,794709	844,895646	1073,47231	1134,68944
3409	290,999173	345,688772	548,044599	696,411952	845,61753	1074,35207	1135,60594
3410	291,278904	346,014077	548,54701	697,029743	846,34003	1075,23256	1136,52319
3411	291,558905	346,339689	549,049881	697,648082	847,063148	1076,11377	1137,44117
3412	291,839174	346,665607	549,553214	698,266969	847,786884	1076,99569	1138,3599
3413	292,119713	346,991832	550,057008	698,886405	848,511238	1077,87835	1139,27937
3414	292,400521	347,318363	550,561264	699,506391	849,236211	1078,76172	1140,19958
3415	292,6816	347,645202	551,065982	700,126927	849,961803	1079,64582	1141,12053
3416	292,962948	347,972349	551,571163	700,748013	850,688015	1080,53064	1142,04223
3417	293,244567	348,299803	552,076807	701,36965	851,414848	1081,41619	1142,96467
3418	293,526457	348,627565	552,582915	701,991839	852,142302	1082,30246	1143,88786
3419	293,808618	348,955636	553,089486	702,61458	852,870377	1083,18947	1144,81179
3420	294,09105	349,284016	553,596522	703,237873	853,599075	1084,07719	1145,73647
3421	294,373753	349,612705	554,104023	703,861719	854,328395	1084,96565	1146,6619
3422	294,656729	349,941703	554,611989	704,486118	855,058338	1085,85483	1147,58807
3423	294,939976	350,27101	555,12042	705,111072	855,788905	1086,74474	1148,51499
3424	295,223495	350,600628	555,629318	705,736579	856,520096	1087,63538	1149,44266
3425	295,507287	350,930555	556,138682	706,362642	857,251911	1088,52676	1150,37108
3426	295,791352	351,260793	556,648514	706,98926	857,984352	1089,41886	1151,30025
3427	296,07569	351,591342	557,158812	707,616434	858,717419	1090,31169	1152,23017
3428	296,360301	351,922202	557,669579	708,244164	859,451112	1091,20525	1153,16084
3429	296,645186	352,253373	558,180813	708,872451	860,185432	1092,09955	1154,09227
3430	296,930345	352,584856	558,692517	709,501296	860,92038	1092,99458	1155,02444
3431	297,215778	352,916651	559,204689	710,130698	861,655955	1093,89034	1155,95737
3432	297,501485	353,248758	559,717331	710,760659	862,392159	1094,78684	1156,89105
3433	297,787467	353,581178	560,230443	711,391178	863,128992	1095,68407	1157,82549
3434	298,073724	353,91391	560,744025	712,022257	863,866454	1096,58204	1158,76068
3435	298,360256	354,246956	561,258078	712,653896	864,604547	1097,48075	1159,69662
3436	298,647063	354,580315	561,772602	713,286095	865,34327	1098,38019	1160,63333
3437	298,934146	354,913987	562,287598	713,918855	866,082624	1099,28036	1161,57079
3438	299,221505	355,247974	562,803067	714,552176	866,82261	1100,18128	1162,509
3439	299,50914	355,582275	563,319007	715,186059	867,563229	1101,08293	1163,44798
3440	299,797052	355,916891	563,835421	715,820504	868,30448	1101,98532	1164,38771
3441	300,085241	356,251821	564,352308	716,455512	869,046364	1102,88845	1165,3282
3442	300,373706	356,587067	564,869669	717,091084	869,788882	1103,79233	1166,26945
3443	300,662449	356,922628	565,387504	717,727219	870,532035	1104,69694	1167,21146
3444	300,951469	357,258505	565,905814	718,363918	871,275822	1105,60229	1168,15423
3445	301,240768	357,594698	566,424599	719,001183	872,020246	1106,50839	1169,09777

3446	301,530344	357,931207	566,94386	719,639013	872,765305	1107,41523	1170,04206
3447	301,820199	358,268033	567,463596	720,277408	873,511	1108,32281	1170,98712
3448	302,110332	358,605176	567,98381	720,91637	874,257333	1109,23113	1171,93294
3449	302,400744	358,942636	568,5045	721,555899	875,004304	1110,1402	1172,87953
3450	302,691436	359,280414	569,025667	722,195995	875,751913	1111,05002	1173,82688
3451	302,982407	359,618509	569,547312	722,836658	876,50016	1111,96058	1174,77499
3452	303,273657	359,956923	570,069435	723,477891	877,249047	1112,87189	1175,72387
3453	303,565188	360,295655	570,592037	724,119692	877,998574	1113,78394	1176,67352
3454	303,856998	360,634706	571,115119	724,762062	878,748741	1114,69674	1177,62393
3455	304,14909	360,974076	571,638679	725,405002	879,499549	1115,61029	1178,57512
3456	304,441462	361,313766	572,16272	726,048513	880,250998	1116,52459	1179,52707
3457	304,734115	361,653775	572,687241	726,692594	881,00309	1117,43964	1180,47979
3458	305,027049	361,994104	573,212243	727,337247	881,755824	1118,35543	1181,43328
3459	305,320265	362,334753	573,737726	727,982472	882,509201	1119,27198	1182,38753
3460	305,613763	362,675723	574,263691	728,628269	883,263222	1120,18928	1183,34256
3461	305,907543	363,017014	574,790138	729,274639	884,017887	1121,10733	1184,29837
3462	306,201606	363,358626	575,317067	729,921582	884,773197	1122,02613	1185,25494
3463	306,495951	363,700559	575,84448	730,569099	885,529153	1122,94569	1186,21228
3464	306,790579	364,042814	576,372376	731,217191	886,285754	1123,866	1187,1704
3465	307,08549	364,385391	576,900756	731,865858	887,043002	1124,78706	1188,1293
3466	307,380685	364,728291	577,429621	732,5151	887,800896	1125,70888	1189,08896
3467	307,676163	365,071513	577,95897	733,164918	888,559439	1126,63146	1190,04941
3468	307,971926	365,415059	578,488805	733,815312	889,318629	1127,55479	1191,01063
3469	308,267973	365,758927	579,019125	734,466284	890,078468	1128,47888	1191,97262
3470	308,564304	366,103119	579,549931	735,117833	890,838956	1129,40372	1192,93539
3471	308,86092	366,447635	580,081225	735,769959	891,600094	1130,32932	1193,89894
3472	309,157822	366,792476	580,613005	736,422665	892,361882	1131,25568	1194,86327
3473	309,455009	367,13764	581,145272	737,075949	893,124322	1132,1828	1195,82838
3474	309,752481	367,48313	581,678028	737,729813	893,887412	1133,11068	1196,79426
3475	310,05024	367,828944	582,211272	738,384257	894,651155	1134,03932	1197,76093
3476	310,348284	368,175085	582,745005	739,039282	895,41555	1134,96873	1198,72838
3477	310,646616	368,52155	583,279227	739,694887	896,180598	1135,89889	1199,6966
3478	310,945234	368,868342	583,813939	740,351075	896,9463	1136,82981	1200,66561
3479	311,244139	369,21546	584,349141	741,007844	897,712656	1137,7615	1201,63541
3480	311,543331	369,562905	584,884834	741,665196	898,479667	1138,69395	1202,60598
3481	311,842811	369,910677	585,421017	742,323131	899,247333	1139,62717	1203,57734
3482	312,142579	370,258776	585,957693	742,98165	900,015655	1140,56115	1204,54949
3483	312,442635	370,607203	586,49486	743,640753	900,784634	1141,4959	1205,52242
3484	312,742979	370,955957	587,03252	744,30044	901,55427	1142,43141	1206,49614
3485	313,043612	371,30504	587,570672	744,960713	902,324563	1143,36769	1207,47064
3486	313,344535	371,654451	588,109318	745,621572	903,095514	1144,30474	1208,44593
3487	313,645746	372,004191	588,648458	746,283016	903,867124	1145,24255	1209,42201
3488	313,947247	372,354261	589,188092	746,945048	904,639393	1146,18113	1210,39887
3489	314,249038	372,704659	589,728221	747,607667	905,412323	1147,12049	1211,37653
3490	314,551119	373,055387	590,268845	748,270873	906,185912	1148,06061	1212,35497
3491	314,85349	373,406446	590,809964	748,934669	906,960163	1149,0015	1213,33421

3492	315,156152	373,757834	591,35158	749,599052	907,735075	1149,94317	1214,31423
3493	315,459105	374,109554	591,893692	750,264026	908,510649	1150,8856	1215,29505
3494	315,762349	374,461604	592,436301	750,929589	909,286886	1151,82881	1216,27666
3495	316,065885	374,813986	592,979407	751,595742	910,063786	1152,77279	1217,25906
3496	316,369712	375,166699	593,523012	752,262487	910,841349	1153,71754	1218,24226
3497	316,673832	375,519744	594,067114	752,929823	911,619577	1154,66307	1219,22625
3498	316,978243	375,873122	594,611716	753,597751	912,39847	1155,60938	1220,21103
3499	317,282948	376,226832	595,156817	754,266271	913,178029	1156,55646	1221,19661
3500	317,587945	376,580875	595,702417	754,935385	913,958254	1157,50431	1222,18299
3501	317,893236	376,93525	596,248518	755,605092	914,739145	1158,45294	1223,17016
3502	318,19882	377,28996	596,795119	756,275393	915,520703	1159,40235	1224,15813
3503	318,504698	377,645003	597,342221	756,946289	916,302929	1160,35254	1225,1469
3504	318,810869	378,000381	597,889825	757,61778	917,085824	1161,30351	1226,13647
3505	319,117335	378,356092	598,437931	758,289867	917,869387	1162,25525	1227,12684
3506	319,424096	378,712139	598,986539	758,96255	918,65362	1163,20778	1228,118
3507	319,731152	379,06852	599,535651	759,63583	919,438523	1164,16109	1229,10997
3508	320,038502	379,425237	600,085265	760,309706	920,224097	1165,11517	1230,10274
3509	320,346149	379,78229	600,635384	760,984181	921,010342	1166,07004	1231,09631
3510	320,654091	380,139679	601,186007	761,659254	921,797258	1167,0257	1232,09068
3511	320,962329	380,497403	601,737134	762,334926	922,584847	1167,98213	1233,08585
3512	321,270863	380,855465	602,288767	763,011197	923,373109	1168,93935	1234,08183
3513	321,579694	381,213864	602,840906	763,688069	924,162044	1169,89735	1235,07862
3514	321,888821	381,572599	603,39355	764,36554	924,951654	1170,85614	1236,07621
3515	322,198246	381,931673	603,946702	765,043613	925,741938	1171,81572	1237,0746
3516	322,507969	382,291084	604,50036	765,722287	926,532897	1172,77608	1238,0738
3517	322,817989	382,650833	605,054526	766,401564	927,324532	1173,73723	1239,07381
3518	323,128307	383,010921	605,6092	767,081442	928,116844	1174,69916	1240,07463
3519	323,438923	383,371348	606,164383	767,761924	928,909832	1175,66189	1241,07625
3520	323,749838	383,732114	606,720074	768,44301	929,703498	1176,6254	1242,07869
3521	324,061052	384,09322	607,276275	769,1247	930,497842	1177,5897	1243,08193
3522	324,372565	384,454665	607,832986	769,806994	931,292865	1178,5548	1244,08598
3523	324,684377	384,816451	608,390207	770,489894	932,088567	1179,52068	1245,09085
3524	324,99649	385,178577	608,947939	771,1734	932,884949	1180,48736	1246,09652
3525	325,308902	385,541043	609,506182	771,857512	933,682011	1181,45483	1247,10301
3526	325,621614	385,903851	610,064937	772,542231	934,479754	1182,42309	1248,11031
3527	325,934627	386,267	610,624205	773,227557	935,278179	1183,39214	1249,11843
3528	326,247941	386,630491	611,183984	773,913491	936,077286	1184,36199	1250,12736
3529	326,561557	386,994324	611,744278	774,600034	936,877076	1185,33263	1251,1371
3530	326,875473	387,3585	612,305084	775,287186	937,67755	1186,30407	1252,14766
3531	327,189692	387,723018	612,866405	775,974947	938,478707	1187,27631	1253,15904
3532	327,504212	388,087879	613,428241	776,663318	939,280548	1188,24934	1254,17123
3533	327,819035	388,453084	613,990591	777,3523	940,083075	1189,22317	1255,18424
3534	328,134161	388,818632	614,553457	778,041894	940,886287	1190,1978	1256,19807
3535	328,449589	389,184524	615,116839	778,732099	941,690186	1191,17322	1257,21272
3536	328,765321	389,55076	615,680738	779,422916	942,494772	1192,14945	1258,22818
3537	329,081356	389,917341	616,245153	780,114346	943,300045	1193,12647	1259,24447

3538	329,397695	390,284267	616,810086	780,80639	944,106006	1194,1043	1260,26158
3539	329,714338	390,651539	617,375537	781,499047	944,912655	1195,08293	1261,27951
3540	330,031285	391,019156	617,941506	782,192319	945,719994	1196,06236	1262,29826
3541	330,348537	391,387119	618,507994	782,886206	946,528023	1197,04259	1263,31784
3542	330,666094	391,755428	619,075001	783,580709	947,336742	1198,02362	1264,33823
3543	330,983956	392,124084	619,642528	784,275827	948,146152	1199,00546	1265,35946
3544	331,302124	392,493086	620,210575	784,971562	948,956253	1199,98811	1266,3815
3545	331,620598	392,862436	620,779143	785,667915	949,767047	1200,97156	1267,40438
3546	331,939378	393,232134	621,348233	786,364885	950,578534	1201,95581	1268,42808
3547	332,258464	393,602179	621,917844	787,062473	951,390713	1202,94088	1269,4526
3548	332,577857	393,972573	622,487977	787,76068	952,203587	1203,92675	1270,47795
3549	332,897557	394,343315	623,058633	788,459507	953,017155	1204,91342	1271,50414
3550	333,217564	394,714406	623,629812	789,158954	953,831419	1205,90091	1272,53115
3551	333,537879	395,085846	624,201514	789,859021	954,646378	1206,88921	1273,55899
3552	333,858502	395,457636	624,773741	790,559709	955,462033	1207,87831	1274,58766
3553	334,179433	395,829776	625,346492	791,261018	956,278386	1208,86823	1275,61716
3554	334,500673	396,202266	625,919769	791,96295	957,095435	1209,85896	1276,64749
3555	334,822221	396,575106	626,493571	792,665505	957,913183	1210,8505	1277,67866
3556	335,144079	396,948297	627,067899	793,368682	958,73163	1211,84285	1278,71065
3557	335,466245	397,32184	627,642753	794,072484	959,550776	1212,83601	1279,74348
3558	335,788722	397,695734	628,218134	794,77691	960,370622	1213,82999	1280,77715
3559	336,111509	398,069979	628,794043	795,481961	961,191168	1214,82479	1281,81165
3560	336,434605	398,444577	629,37048	796,187637	962,012415	1215,8204	1282,84699
3561	336,758013	398,819528	629,947445	796,893939	962,834364	1216,81682	1283,88316
3562	337,081731	399,194831	630,52494	797,600868	963,657015	1217,81406	1284,92017
3563	337,405761	399,570488	631,102963	798,308424	964,480369	1218,81212	1285,95801
3564	337,730102	399,946498	631,681517	799,016607	965,304427	1219,811	1286,9967
3565	338,054754	400,322862	632,260601	799,725419	966,129189	1220,81069	1288,03622
3566	338,379719	400,69958	632,840215	800,43486	966,954655	1221,81121	1289,07659
3567	338,704997	401,076652	633,420362	801,14493	967,780827	1222,81254	1290,11779
3568	339,030586	401,454079	634,00104	801,85563	968,607704	1223,8147	1291,15984
3569	339,356489	401,831862	634,58225	802,56696	969,435288	1224,81768	1292,20272
3570	339,682706	402,21	635,163993	803,278921	970,26358	1225,82148	1293,24645
3571	340,009235	402,588494	635,746269	803,991514	971,092578	1226,8261	1294,29102
3572	340,336079	402,967344	636,329079	804,704739	971,922285	1227,83154	1295,33644
3573	340,663237	403,346551	636,912424	805,418597	972,752702	1228,83781	1296,3827
3574	340,990709	403,726114	637,496303	806,133088	973,583827	1229,8449	1297,4298
3575	341,318496	404,106035	638,080718	806,848213	974,415663	1230,85282	1298,47776
3576	341,646598	404,486313	638,665668	807,563972	975,248209	1231,86157	1299,52655
3577	341,975016	404,866949	639,251154	808,280367	976,081467	1232,87114	1300,5762
3578	342,303749	405,247943	639,837178	808,997396	976,915437	1233,88154	1301,62669
3579	342,632799	405,629296	640,423738	809,715062	977,750119	1234,89277	1302,67803
3580	342,962164	406,011007	641,010836	810,433365	978,585514	1235,90482	1303,73022
3581	343,291846	406,393078	641,598473	811,152304	979,421623	1236,91771	1304,78326
3582	343,621846	406,775508	642,186648	811,871882	980,258447	1237,93142	1305,83715
3583	343,952162	407,158298	642,775362	812,592098	981,095985	1238,94597	1306,89189

3584	344,282796	407,541449	643,364616	813,312952	981,934239	1239,96135	1307,94749
3585	344,613748	407,92496	643,95441	814,034447	982,77321	1240,97756	1309,00393
3586	344,945018	408,308832	644,544745	814,756581	983,612897	1241,9946	1310,06123
3587	345,276606	408,693065	645,135621	815,479356	984,453301	1243,01248	1311,11939
3588	345,608513	409,077659	645,727039	816,202772	985,294424	1244,03119	1312,17839
3589	345,940739	409,462616	646,318999	816,926829	986,136265	1245,05073	1313,23826
3590	346,273284	409,847935	646,911501	817,651529	986,978826	1246,07111	1314,29898
3591	346,60615	410,233616	647,504547	818,376872	987,822106	1247,09233	1315,36055
3592	346,939335	410,619661	648,098136	819,102859	988,666107	1248,11438	1316,42299
3593	347,27284	411,006068	648,69227	819,829489	989,510829	1249,13728	1317,48628
3594	347,606666	411,39284	649,286948	820,556764	990,356273	1250,16101	1318,55043
3595	347,940813	411,779975	649,882172	821,284685	991,202439	1251,18557	1319,61544
3596	348,275281	412,167475	650,477941	822,01325	992,049328	1252,21098	1320,68131
3597	348,610071	412,555339	651,074256	822,742463	992,896941	1253,23723	1321,74804
3598	348,945182	412,943568	651,671118	823,472322	993,745278	1254,26432	1322,81564
3599	349,280616	413,332163	652,268527	824,202829	994,59434	1255,29225	1323,88409
3600	349,616372	413,721123	652,866483	824,933983	995,444127	1256,32103	1324,95341
3601	349,952451	414,110449	653,464988	825,665786	996,29464	1257,35065	1326,02359
3602	350,288852	414,500142	654,064042	826,398239	997,14588	1258,38111	1327,09464
3603	350,625578	414,890201	654,663645	827,131341	997,997847	1259,41241	1328,16655
3604	350,962627	415,280627	655,263797	827,865094	998,850542	1260,44456	1329,23933
3605	351,299999	415,671421	655,8645	828,599497	999,703966	1261,47756	1330,31297
3606	351,637697	416,062583	656,465753	829,334552	1000,55812	1262,5114	1331,38748
3607	351,975719	416,454112	657,067557	830,070259	1001,413	1263,5461	1332,46286
3608	352,314065	416,846011	657,669913	830,806619	1002,26861	1264,58163	1333,53911
3609	352,652737	417,238277	658,272822	831,543632	1003,12496	1265,61802	1334,61623
3610	352,991735	417,630913	658,876283	832,281298	1003,98203	1266,65526	1335,69421
3611	353,331058	418,023919	659,480297	833,01962	1004,83984	1267,69335	1336,77307
3612	353,670708	418,417294	660,084865	833,758596	1005,69838	1268,73228	1337,8528
3613	354,010684	418,81104	660,689987	834,498227	1006,55766	1269,77207	1338,9334
3614	354,350987	419,205156	661,295664	835,238515	1007,41767	1270,81271	1340,01487
3615	354,691617	419,599643	661,901896	835,979459	1008,27841	1271,85421	1341,09722
3616	355,032575	419,994501	662,508684	836,721061	1009,13989	1272,89656	1342,18044
3617	355,37386	420,389731	663,116028	837,463321	1010,0021	1273,93976	1343,26454
3618	355,715473	420,785332	663,723929	838,206239	1010,86506	1274,98381	1344,34951
3619	356,057415	421,181306	664,332388	838,949816	1011,72874	1276,02873	1345,43536
3620	356,399685	421,577653	664,941404	839,694053	1012,59317	1277,0745	1346,52209
3621	356,742285	421,974372	665,550978	840,43895	1013,45834	1278,12112	1347,60969
3622	357,085214	422,371465	666,161111	841,184508	1014,32424	1279,16861	1348,69817
3623	357,428472	422,768932	666,771804	841,930727	1015,19089	1280,21695	1349,78753
3624	357,77206	423,166772	667,383056	842,677608	1016,05827	1281,26615	1350,87777
3625	358,115979	423,564987	667,994869	843,425152	1016,9264	1282,31621	1351,9689
3626	358,460228	423,963577	668,607242	844,173359	1017,79527	1283,36713	1353,0609
3627	358,804809	424,362542	669,220177	844,922229	1018,66488	1284,41891	1354,15378
3628	359,14972	424,761882	669,833674	845,671764	1019,53523	1285,47156	1355,24755
3629	359,494963	425,161598	670,447733	846,421964	1020,40633	1286,52507	1356,3422

3630	359,840538	425,56169	671,062356	847,172829	1021,27817	1287,57944	1357,43774
3631	360,186445	425,962159	671,677541	847,924361	1022,15075	1288,63467	1358,53416
3632	360,532684	426,363004	672,293291	848,676559	1023,02408	1289,69077	1359,63146
3633	360,879257	426,764227	672,909605	849,429424	1023,89816	1290,74774	1360,72965
3634	361,226162	427,165827	673,526484	850,182958	1024,77299	1291,80557	1361,82873
3635	361,573401	427,567806	674,143929	850,93716	1025,64856	1292,86427	1362,9287
3636	361,920974	427,970162	674,761939	851,69203	1026,52488	1293,92384	1364,02956
3637	362,268881	428,372897	675,380516	852,447571	1027,40195	1294,98427	1365,1313
3638	362,617123	428,776011	675,999661	853,203782	1028,27977	1296,04558	1366,23393
3639	362,965699	429,179505	676,619372	853,960663	1029,15833	1297,10775	1367,33746
3640	363,31461	429,583378	677,239652	854,718216	1030,03765	1298,17079	1368,44188
3641	363,663856	429,987631	677,860501	855,476441	1030,91772	1299,23471	1369,54718
3642	364,013439	430,392265	678,481919	856,235339	1031,79854	1300,2995	1370,65339
3643	364,363357	430,797279	679,103906	856,99491	1032,68012	1301,36516	1371,76048
3644	364,713612	431,202675	679,726464	857,755154	1033,56245	1302,43169	1372,86847
3645	365,064203	431,608452	680,349592	858,516073	1034,44553	1303,4991	1373,97735
3646	365,415132	432,014611	680,973292	859,277667	1035,32936	1304,56738	1375,08713
3647	365,766398	432,421152	681,597563	860,039937	1036,21396	1305,63654	1376,19781
3648	366,118001	432,828075	682,222407	860,802883	1037,0993	1306,70657	1377,30938
3649	366,469943	433,235382	682,847823	861,566506	1037,98541	1307,77748	1378,42185
3650	366,822222	433,643072	683,473813	862,330806	1038,87227	1308,84927	1379,53522
3651	367,174841	434,051145	684,100376	863,095784	1039,75989	1309,92194	1380,64949
3652	367,527798	434,459603	684,727514	863,861441	1040,64826	1310,99548	1381,76466
3653	367,881095	434,868445	685,355227	864,627777	1041,5374	1312,06991	1382,88073
3654	368,234731	435,277671	685,983516	865,394793	1042,42729	1313,14522	1383,9977
3655	368,588707	435,687283	686,61238	866,162489	1043,31795	1314,2214	1385,11557
3656	368,943024	436,09728	687,241821	866,930866	1044,20937	1315,29847	1386,23435
3657	369,297681	436,507663	687,871839	867,699925	1045,10155	1316,37643	1387,35403
3658	369,652679	436,918432	688,502434	868,469666	1045,99449	1317,45526	1388,47461
3659	370,008018	437,329588	689,133608	869,24009	1046,88819	1318,53498	1389,5961
3660	370,363699	437,741131	689,76536	870,011198	1047,78266	1319,61559	1390,71849
3661	370,719722	438,153061	690,397692	870,782989	1048,67789	1320,69708	1391,8418
3662	371,076087	438,565378	691,030602	871,555466	1049,57389	1321,77945	1392,966
3663	371,432794	438,978084	691,664094	872,328627	1050,47065	1322,86272	1394,09112
3664	371,789845	439,391178	692,298166	873,102474	1051,36818	1323,94687	1395,21715
3665	372,147238	439,804661	692,932819	873,877008	1052,26647	1325,03191	1396,34408
3666	372,504976	440,218532	693,568054	874,652229	1053,16553	1326,11784	1397,47193
3667	372,863057	440,632794	694,203871	875,428138	1054,06536	1327,20466	1398,60068
3668	373,221482	441,047445	694,840272	876,204734	1054,96596	1328,29237	1399,73035
3669	373,580252	441,462486	695,477255	876,98202	1055,86733	1329,38097	1400,86093
3670	373,939367	441,877918	696,114823	877,759996	1056,76947	1330,47046	1401,99243
3671	374,298827	442,293741	696,752975	878,538661	1057,67238	1331,56085	1403,12483
3672	374,658632	442,709955	697,391712	879,318017	1058,57606	1332,65213	1404,25815
3673	375,018783	443,126561	698,031035	880,098065	1059,48052	1333,74431	1405,39239
3674	375,379281	443,543559	698,670943	880,878805	1060,38574	1334,83737	1406,52755
3675	375,740125	443,960949	699,311439	881,660237	1061,29174	1335,93134	1407,66362

3676	376,101316	444,378732	699,952521	882,442362	1062,19852	1337,0262	1408,80061
3677	376,462854	444,796908	700,594192	883,225181	1063,10607	1338,12196	1409,93851
3678	376,82474	445,215478	701,23645	884,008695	1064,01439	1339,21862	1411,07734
3679	377,186974	445,634441	701,879297	884,792904	1064,92349	1340,31618	1412,21708
3680	377,549555	446,053799	702,522734	885,577808	1065,83337	1341,41463	1413,35775
3681	377,912486	446,473551	703,16676	886,363409	1066,74402	1342,51399	1414,49934
3682	378,275765	446,893699	703,811377	887,149707	1067,65545	1343,61424	1415,64185
3683	378,639393	447,314242	704,456585	887,936702	1068,56766	1344,7154	1416,78528
3684	379,003371	447,73518	705,102384	888,724395	1069,48065	1345,81746	1417,92963
3685	379,367699	448,156515	705,748775	889,512787	1070,39443	1346,92043	1419,07491
3686	379,732377	448,578246	706,395759	890,301879	1071,30898	1348,0243	1420,22112
3687	380,097406	449,000374	707,043336	891,09167	1072,22431	1349,12907	1421,36825
3688	380,462786	449,4229	707,691507	891,882162	1073,14042	1350,23475	1422,51631
3689	380,828516	449,845822	708,340272	892,673356	1074,05732	1351,34133	1423,66529
3690	381,194599	450,269143	708,989631	893,465251	1074,975	1352,44882	1424,81521
3691	381,561033	450,692863	709,639586	894,257849	1075,89347	1353,55722	1425,96605
3692	381,92782	451,116981	710,290137	895,051149	1076,81272	1354,66653	1427,11782
3693	382,294959	451,541498	710,941284	895,845154	1077,73275	1355,77675	1428,27052
3694	382,662451	451,966414	711,593028	896,639863	1078,65357	1356,88787	1429,42415
3695	383,030296	452,391731	712,245369	897,435277	1079,57518	1357,99991	1430,57872
3696	383,398495	452,817447	712,898309	898,231396	1080,49758	1359,11286	1431,73422
3697	383,767048	453,243565	713,551847	899,028222	1081,42076	1360,22672	1432,89065
3698	384,135955	453,670083	714,205984	899,825755	1082,34473	1361,34149	1434,04801
3699	384,505216	454,097003	714,860721	900,623995	1083,26949	1362,45718	1435,20631
3700	384,874833	454,524324	715,516058	901,422943	1084,19504	1363,57378	1436,36554
3701	385,244805	454,952048	716,171996	902,2226	1085,12139	1364,6913	1437,52572
3702	385,615133	455,380174	716,828535	903,022967	1086,04852	1365,80973	1438,68682
3703	385,985816	455,808702	717,485676	903,824043	1086,97645	1366,92908	1439,84887
3704	386,356856	456,237635	718,14342	904,62583	1087,90517	1368,04934	1441,01185
3705	386,728253	456,66697	718,801766	905,428328	1088,83468	1369,17053	1442,17578
3706	387,100007	457,09671	719,460716	906,231539	1089,76499	1370,29263	1443,34064
3707	387,472118	457,526854	720,12027	907,035461	1090,69609	1371,41565	1444,50645
3708	387,844586	457,957403	720,780429	907,840097	1091,62798	1372,5396	1445,67319
3709	388,217413	458,388358	721,441193	908,645447	1092,56068	1373,66446	1446,84088
3710	388,590598	458,819717	722,102562	909,451511	1093,49417	1374,79025	1448,00952
3711	388,964142	459,251483	722,764538	910,25829	1094,42845	1375,91696	1449,17909
3712	389,338045	459,683655	723,427121	911,065785	1095,36354	1377,04459	1450,34961
3713	389,712307	460,116234	724,090311	911,873996	1096,29943	1378,17314	1451,52108
3714	390,08693	460,549219	724,75411	912,682925	1097,23611	1379,30263	1452,69349
3715	390,461912	460,982612	725,418516	913,49257	1098,1736	1380,43303	1453,86685
3716	390,837255	461,416413	726,083532	914,302935	1099,11188	1381,56437	1455,04116
3717	391,212958	461,850623	726,749157	915,114017	1100,05097	1382,69663	1456,21641
3718	391,589023	462,285241	727,415393	915,92582	1100,99086	1383,82982	1457,39262
3719	391,965449	462,720267	728,082239	916,738342	1101,93155	1384,96393	1458,56977
3720	392,342237	463,155704	728,749697	917,551586	1102,87305	1386,09898	1459,74788
3721	392,719387	463,59155	729,417767	918,365551	1103,81535	1387,23496	1460,92694

3722	393,0969	464,027806	730,086449	919,180238	1104,75846	1388,37186	1462,10695
3723	393,474776	464,464472	730,755744	919,995647	1105,70237	1389,5097	1463,28791
3724	393,853015	464,90155	731,425652	920,81178	1106,64709	1390,64848	1464,46983
3725	394,231617	465,339039	732,096175	921,628637	1107,59261	1391,78818	1465,6527
3726	394,610584	465,776939	732,767312	922,446219	1108,53895	1392,92882	1466,83652
3727	394,989915	466,215252	733,439065	923,264526	1109,48609	1394,0704	1468,02131
3728	395,36961	466,653977	734,111434	924,083558	1110,43404	1395,21291	1469,20705
3729	395,74967	467,093115	734,784419	924,903318	1111,3828	1396,35635	1470,39375
3730	396,130096	467,532666	735,45802	925,723804	1112,33237	1397,50073	1471,5814
3731	396,510888	467,972631	736,13224	926,545019	1113,28276	1398,64606	1472,77002
3732	396,892045	468,41301	736,807077	927,366962	1114,23395	1399,79232	1473,95959
3733	397,273569	468,853803	737,482533	928,189634	1115,18596	1400,93952	1475,15013
3734	397,65546	469,295011	738,158608	929,013036	1116,13878	1402,08765	1476,34163
3735	398,037717	469,736634	738,835303	929,837168	1117,09242	1403,23673	1477,53409
3736	398,420342	470,178673	739,512619	930,662032	1118,04687	1404,38676	1478,72751
3737	398,803335	470,621128	740,190555	931,487627	1119,00213	1405,53772	1479,9219
3738	399,186697	471,063999	740,869113	932,313954	1119,95821	1406,68963	1481,11725
3739	399,570426	471,507287	741,548293	933,141015	1120,91511	1407,84248	1482,31357
3740	399,954525	471,950992	742,228095	933,968809	1121,87283	1408,99628	1483,51085
3741	400,338993	472,395115	742,908521	934,797338	1122,83136	1410,15102	1484,7091
3742	400,72383	472,839656	743,58957	935,626601	1123,79072	1411,30671	1485,90832
3743	401,109037	473,284614	744,271244	936,456601	1124,75089	1412,46335	1487,10851
3744	401,494615	473,729992	744,953543	937,287336	1125,71188	1413,62093	1488,30967
3745	401,880563	474,175789	745,636467	938,118809	1126,6737	1414,77946	1489,51179
3746	402,266882	474,622005	746,320017	938,951019	1127,63634	1415,93894	1490,71489
3747	402,653573	475,068641	747,004194	939,783967	1128,59979	1417,09938	1491,91896
3748	403,040635	475,515698	747,688998	940,617655	1129,56408	1418,26076	1493,124
3749	403,42807	475,963175	748,37443	941,452081	1130,52918	1419,42309	1494,33002
3750	403,815876	476,411073	749,060491	942,287248	1131,49511	1420,58638	1495,53701
3751	404,204056	476,859393	749,74718	943,123156	1132,46187	1421,75062	1496,74497
3752	404,592609	477,308134	750,434498	943,959806	1133,42945	1422,91582	1497,95391
3753	404,981535	477,757298	751,122447	944,797198	1134,39786	1424,08197	1499,16383
3754	405,370835	478,206885	751,811027	945,635332	1135,3671	1425,24907	1500,37473
3755	405,76051	478,656894	752,500237	946,47421	1136,33716	1426,41714	1501,5866
3756	406,150559	479,107328	753,19008	947,313832	1137,30805	1427,58616	1502,79945
3757	406,540982	479,558185	753,880555	948,1542	1138,27978	1428,75613	1504,01328
3758	406,931782	480,009466	754,571663	948,995312	1139,25233	1429,92707	1505,22809
3759	407,322957	480,461172	755,263404	949,837171	1140,22571	1431,09897	1506,44388
3760	407,714507	480,913303	755,95578	950,679776	1141,19993	1432,27182	1507,66066
3761	408,106435	481,365859	756,64879	951,523129	1142,17498	1433,44564	1508,87841
3762	408,498739	481,818842	757,342436	952,367231	1143,15086	1434,62042	1510,09715
3763	408,89142	482,27225	758,036717	953,21208	1144,12757	1435,79616	1511,31688
3764	409,284479	482,726086	758,731635	954,05768	1145,10512	1436,97287	1512,53759
3765	409,677915	483,180348	759,42719	954,904029	1146,0835	1438,15054	1513,75929
3766	410,07173	483,635038	760,123383	955,75113	1147,06273	1439,32918	1514,98197
3767	410,465923	484,090156	760,820214	956,598982	1148,04278	1440,50878	1516,20564

3768	410,860495	484,545702	761,517684	957,447586	1149,02368	1441,68935	1517,4303
3769	411,255447	485,001676	762,215793	958,296942	1150,00541	1442,87088	1518,65595
3770	411,650778	485,45808	762,914542	959,147053	1150,98798	1444,05339	1519,88259
3771	412,046489	485,914913	763,613931	959,997917	1151,97139	1445,23686	1521,11021
3772	412,44258	486,372177	764,313962	960,849536	1152,95564	1446,4213	1522,33884
3773	412,839053	486,82987	765,014635	961,701911	1153,94073	1447,60672	1523,56845
3774	413,235906	487,287994	765,71595	962,555042	1154,92667	1448,7931	1524,79905
3775	413,633141	487,74655	766,417907	963,408929	1155,91344	1449,98046	1526,03065
3776	414,030758	488,205536	767,120509	964,263574	1156,90106	1451,16879	1527,26325
3777	414,428757	488,664955	767,823754	965,118978	1157,88953	1452,3581	1528,49684
3778	414,827138	489,124806	768,527644	965,97514	1158,87883	1453,54838	1529,73143
3779	415,225903	489,58509	769,23218	966,832061	1159,86899	1454,73963	1530,96701
3780	415,62505	490,045807	769,937361	967,689743	1160,85999	1455,93186	1532,20359
3781	416,024582	490,506957	770,643189	968,548186	1161,85183	1457,12507	1533,44117
3782	416,424498	490,968542	771,349663	969,40739	1162,84452	1458,31926	1534,67975
3783	416,824798	491,430561	772,056786	970,267356	1163,83806	1459,51442	1535,91933
3784	417,225482	491,893014	772,764556	971,128086	1164,83245	1460,71057	1537,15992
3785	417,626552	492,355903	773,472976	971,989579	1165,82769	1461,90769	1538,4015
3786	418,028008	492,819228	774,182045	972,851836	1166,82378	1463,1058	1539,64409
3787	418,429849	493,282988	774,891764	973,714858	1167,82073	1464,30489	1540,88768
3788	418,832077	493,747185	775,602133	974,578645	1168,81852	1465,50496	1542,13227
3789	419,234691	494,211818	776,313154	975,443199	1169,81716	1466,70601	1543,37787
3790	419,637693	494,676889	777,024827	976,30852	1170,81666	1467,90805	1544,62448
3791	420,041082	495,142398	777,737152	977,174608	1171,81701	1469,11107	1545,87209
3792	420,444858	495,608344	778,45013	978,041465	1172,81822	1470,31508	1547,12071
3793	420,849023	496,074729	779,163762	978,909091	1173,82028	1471,52008	1548,37034
3794	421,253576	496,541553	779,878047	979,777486	1174,8232	1472,72606	1549,62098
3795	421,658518	497,008816	780,592988	980,646652	1175,82698	1473,93303	1550,87263
3796	422,06385	497,476519	781,308584	981,516589	1176,83161	1475,141	1552,12529
3797	422,469571	497,944662	782,024836	982,387297	1177,8371	1476,34995	1553,37896
3798	422,875682	498,413246	782,741745	983,258778	1178,84346	1477,55989	1554,63365
3799	423,282183	498,882271	783,459311	984,131032	1179,85067	1478,77082	1555,88935
3800	423,689075	499,351737	784,177535	985,00406	1180,85874	1479,98275	1557,14606
3801	424,096358	499,821644	784,896417	985,877862	1181,86767	1481,19567	1558,40379
3802	424,504033	500,291994	785,615958	986,752439	1182,87746	1482,40958	1559,66253
3803	424,9121	500,762787	786,336159	987,627793	1183,88812	1483,62449	1560,92229
3804	425,320559	501,234022	787,05702	988,503923	1184,89964	1484,84039	1562,18307
3805	425,72941	501,705701	787,778542	989,38083	1185,91203	1486,05729	1563,44486
3806	426,138655	502,177824	788,500725	990,258514	1186,92528	1487,27519	1564,70768
3807	426,548293	502,650391	789,223571	991,136978	1187,93939	1488,49409	1565,97151
3808	426,958325	503,123403	789,947079	992,016221	1188,95438	1489,71398	1567,23637
3809	427,368751	503,59686	790,67125	992,896244	1189,97023	1490,93488	1568,50224
3810	427,779571	504,070763	791,396085	993,777047	1190,98694	1492,15677	1569,76914
3811	428,190787	504,545111	792,121585	994,658632	1192,00453	1493,37967	1571,03707
3812	428,602397	505,019906	792,847749	995,540999	1193,02298	1494,60357	1572,30601
3813	429,014404	505,495148	793,57458	996,424148	1194,04231	1495,82847	1573,57598

3814	429,426806	505,970837	794,302077	997,308081	1195,06251	1497,05438	1574,84698
3815	429,839605	506,446973	795,03024	998,192799	1196,08358	1498,28129	1576,11901
3816	430,252801	506,923558	795,759072	999,078301	1197,10552	1499,5092	1577,39206
3817	430,666394	507,400591	796,488571	999,964588	1198,12833	1500,73812	1578,66614
3818	431,080384	507,878073	797,218739	1000,85166	1199,15202	1501,96805	1579,94125
3819	431,494773	508,356004	797,949576	1001,73952	1200,17658	1503,19899	1581,21739
3820	431,909559	508,834385	798,681084	1002,62817	1201,20202	1504,43094	1582,49456
3821	432,324745	509,313216	799,413262	1003,51761	1202,22833	1505,66389	1583,77276
3822	432,740329	509,792498	800,146111	1004,40783	1203,25552	1506,89786	1585,05199
3823	433,156313	510,272231	800,879632	1005,29885	1204,28359	1508,13284	1586,33226
3824	433,572697	510,752415	801,613826	1006,19066	1205,31254	1509,36883	1587,61356
3825	433,989482	511,233051	802,348692	1007,08325	1206,34236	1510,60583	1588,8959
3826	434,406666	511,71414	803,084233	1007,97664	1207,37307	1511,84385	1590,17927
3827	434,824252	512,195681	803,820447	1008,87082	1208,40466	1513,08288	1591,46368
3828	435,24224	512,677675	804,557337	1009,7658	1209,43712	1514,32292	1592,74912
3829	435,660629	513,160123	805,294902	1010,66157	1210,47047	1515,56399	1594,03561
3830	436,07942	513,643025	806,033143	1011,55813	1211,50471	1516,80607	1595,32313
3831	436,498614	514,126381	806,772061	1012,45549	1212,53982	1518,04916	1596,61169
3832	436,918211	514,610193	807,511656	1013,35364	1213,57583	1519,29328	1597,9013
3833	437,338211	515,094459	808,25193	1014,25259	1214,61271	1520,53842	1599,19194
3834	437,758615	515,579181	808,992882	1015,15234	1215,65048	1521,78457	1600,48363
3835	438,179423	516,064359	809,734513	1016,05289	1216,68914	1523,03175	1601,77636
3836	438,600635	516,549994	810,476824	1016,95423	1217,72869	1524,27995	1603,07014
3837	439,022253	517,036086	811,219816	1017,85638	1218,76912	1525,52917	1604,36496
3838	439,444276	517,522636	811,963488	1018,75933	1219,81045	1526,77942	1605,66083
3839	439,866704	518,009643	812,707843	1019,66307	1220,85266	1528,03069	1606,95774
3840	440,289539	518,497108	813,45288	1020,56762	1221,89576	1529,28299	1608,2557
3841	440,71278	518,985032	814,1986	1021,47297	1222,93976	1530,53631	1609,55471
3842	441,136427	519,473416	814,945003	1022,37913	1223,98464	1531,79066	1610,85477
3843	441,560482	519,962259	815,692091	1023,28608	1225,03042	1533,04604	1612,15588
3844	441,984945	520,451562	816,439863	1024,19385	1226,0771	1534,30245	1613,45804
3845	442,409816	520,941325	817,188322	1025,10241	1227,12467	1535,55989	1614,76125
3846	442,835095	521,431549	817,937466	1026,01179	1228,17313	1536,81835	1616,06551
3847	443,260783	521,922235	818,687297	1026,92197	1229,22249	1538,07785	1617,37083
3848	443,68688	522,413382	819,437815	1027,83296	1230,27274	1539,33838	1618,6772
3849	444,113387	522,904992	820,189022	1028,74475	1231,32389	1540,59995	1619,98463
3850	444,540304	523,397064	820,940917	1029,65736	1232,37594	1541,86255	1621,29311
3851	444,967631	523,889599	821,693501	1030,57077	1233,42889	1543,12618	1622,60265
3852	445,395369	524,382598	822,446776	1031,485	1234,48274	1544,39085	1623,91324
3853	445,823518	524,87606	823,20074	1032,40003	1235,53749	1545,65655	1625,2249
3854	446,252079	525,369987	823,955397	1033,31588	1236,59314	1546,9233	1626,53762
3855	446,681051	525,864379	824,710744	1034,23254	1237,64969	1548,19108	1627,85139
3856	447,110436	526,359236	825,466785	1035,15001	1238,70715	1549,4599	1629,16623
3857	447,540234	526,854559	826,223518	1036,0683	1239,76551	1550,72975	1630,48213
3858	447,970445	527,350348	826,980945	1036,9874	1240,82477	1552,00065	1631,79909
3859	448,401069	527,846603	827,739067	1037,90732	1241,88494	1553,2726	1633,11711

3860	448,832108	528,343326	828,497883	1038,82805	1242,94601	1554,54558	1634,4362
3861	449,26356	528,840515	829,257395	1039,7496	1244,00799	1555,81961	1635,75636
3862	449,695428	529,338173	830,017604	1040,67197	1245,07088	1557,09468	1637,07758
3863	450,127711	529,836299	830,778509	1041,59515	1246,13467	1558,3708	1638,39987
3864	450,560409	530,334894	831,540112	1042,51916	1247,19938	1559,64796	1639,72323
3865	450,993523	530,833958	832,302413	1043,44398	1248,26499	1560,92617	1641,04765
3866	451,427053	531,333491	833,065413	1044,36963	1249,33152	1562,20542	1642,37315
3867	451,861001	531,833495	833,829112	1045,29609	1250,39895	1563,48573	1643,69971
3868	452,295365	532,333969	834,593512	1046,22338	1251,4673	1564,76708	1645,02735
3869	452,730147	532,834915	835,358612	1047,15149	1252,53656	1566,04949	1646,35606
3870	453,165347	533,336331	836,124414	1048,08042	1253,60674	1567,33294	1647,68585
3871	453,600965	533,83822	836,890917	1049,01018	1254,67783	1568,61745	1649,0167
3872	454,037002	534,34058	837,658123	1049,94076	1255,74983	1569,90301	1650,34864
3873	454,473458	534,843414	838,426033	1050,87217	1256,82275	1571,18962	1651,68164
3874	454,910334	535,34672	839,194647	1051,80441	1257,89659	1572,47729	1653,01573
3875	455,347629	535,850501	839,963965	1052,73747	1258,97134	1573,76601	1654,35089
3876	455,785345	536,354755	840,733988	1053,67136	1260,04701	1575,05579	1655,68713
3877	456,223482	536,859484	841,504718	1054,60607	1261,12361	1576,34663	1657,02445
3878	456,66204	537,364688	842,276154	1055,54162	1262,20112	1577,63852	1658,36285
3879	457,10102	537,870367	843,048297	1056,478	1263,27955	1578,93148	1659,70233
3880	457,540421	538,376522	843,821148	1057,4152	1264,3589	1580,22549	1661,0429
3881	457,980245	538,883153	844,594707	1058,35324	1265,43918	1581,52056	1662,38454
3882	458,420492	539,390262	845,368976	1059,29211	1266,52038	1582,8167	1663,72727
3883	458,861161	539,897847	846,143954	1060,23182	1267,6025	1584,11389	1665,07109
3884	459,302255	540,40591	846,919643	1061,17235	1268,68555	1585,41215	1666,41599
3885	459,743772	540,914451	847,696043	1062,11373	1269,76952	1586,71148	1667,76197
3886	460,185714	541,423471	848,473155	1063,05593	1270,85442	1588,01187	1669,10904
3887	460,628081	541,93297	849,250979	1063,99898	1271,94024	1589,31332	1670,45721
3888	461,070873	542,442948	850,029516	1064,94285	1273,02699	1590,61584	1671,80646
3889	461,514091	542,953406	850,808767	1065,88757	1274,11468	1591,91943	1673,1568
3890	461,957734	543,464344	851,588733	1066,83313	1275,20329	1593,22409	1674,50823
3891	462,401804	543,975763	852,369413	1067,77952	1276,29283	1594,52981	1675,86075
3892	462,846302	544,487664	853,150809	1068,72675	1277,3833	1595,83661	1677,21436
3893	463,291226	545,000046	853,932921	1069,67482	1278,4747	1597,14448	1678,56907
3894	463,736578	545,512911	854,71575	1070,62374	1279,56704	1598,45342	1679,92487
3895	464,182358	546,026258	855,499297	1071,57349	1280,66031	1599,76343	1681,28177
3896	464,628567	546,540088	856,283563	1072,52409	1281,75451	1601,07452	1682,63976
3897	465,075204	547,054401	857,068547	1073,47553	1282,84965	1602,38668	1683,99885
3898	465,522271	547,569199	857,854251	1074,42782	1283,94573	1603,69991	1685,35904
3899	465,969768	548,084481	858,640675	1075,38095	1285,04274	1605,01422	1686,72033
3900	466,417695	548,600248	859,42782	1076,33493	1286,14068	1606,32961	1688,08271
3901	466,866052	549,1165	860,215686	1077,28975	1287,23957	1607,64608	1689,4462
3902	467,31484	549,633238	861,004275	1078,24542	1288,3394	1608,96362	1690,81079
3903	467,76406	550,150463	861,793587	1079,20194	1289,44016	1610,28225	1692,17648
3904	468,213712	550,668174	862,583623	1080,1593	1290,54187	1611,60196	1693,54327
3905	468,663796	551,186372	863,374382	1081,11752	1291,64451	1612,92274	1694,91117

3906	469,114312	551,705058	864,165867	1082,07658	1292,7481	1614,24461	1696,28017
3907	469,565262	552,224232	864,958077	1083,0365	1293,85263	1615,56757	1697,65028
3908	470,016645	552,743895	865,751014	1083,99726	1294,95811	1616,89161	1699,02149
3909	470,468462	553,264046	866,544677	1084,95888	1296,06453	1618,21673	1700,39381
3910	470,920713	553,784687	867,339068	1085,92136	1297,17189	1619,54294	1701,76724
3911	471,373399	554,305818	868,134187	1086,88468	1298,2802	1620,87023	1703,14178
3912	471,826521	554,82744	868,930035	1087,84886	1299,38946	1622,19862	1704,51743
3913	472,280077	555,349552	869,726613	1088,8139	1300,49967	1623,52809	1705,89419
3914	472,73407	555,872156	870,523921	1089,77979	1301,61082	1624,85865	1707,27207
3915	473,188499	556,395251	871,321959	1090,74654	1302,72293	1626,1903	1708,65105
3916	473,643365	556,918839	872,12073	1091,71415	1303,83598	1627,52305	1710,03115
3917	474,098669	557,442919	872,920233	1092,68262	1304,94998	1628,85688	1711,41237
3918	474,55441	557,967493	873,720468	1093,65194	1306,06494	1630,19181	1712,7947
3919	475,010589	558,49256	874,521437	1094,62212	1307,18085	1631,52783	1714,17814
3920	475,467206	559,018121	875,323141	1095,59317	1308,29771	1632,86495	1715,56271
3921	475,924263	559,544177	876,125579	1096,56508	1309,41553	1634,20317	1716,94839
3922	476,381759	560,070728	876,928753	1097,53784	1310,5343	1635,54248	1718,33519
3923	476,839694	560,597775	877,732664	1098,51148	1311,65403	1636,88289	1719,72311
3924	477,29807	561,125317	878,537311	1099,48597	1312,77472	1638,22439	1721,11216
3925	477,756887	561,653356	879,342696	1100,46133	1313,89636	1639,567	1722,50232
3926	478,216144	562,181892	880,148819	1101,43756	1315,01896	1640,91071	1723,89361
3927	478,675843	562,710925	880,955682	1102,41465	1316,14252	1642,25551	1725,28602
3928	479,135984	563,240456	881,763284	1103,3926	1317,26704	1643,60142	1726,67955
3929	479,596567	563,770485	882,571626	1104,37143	1318,39252	1644,94844	1728,07422
3930	480,057593	564,301013	883,380709	1105,35112	1319,51896	1646,29655	1729,47
3931	480,519062	564,83204	884,190534	1106,33169	1320,64637	1647,64577	1730,86692
3932	480,980975	565,363567	885,001102	1107,31312	1321,77473	1648,9961	1732,26496
3933	481,443332	565,895595	885,812412	1108,29542	1322,90407	1650,34754	1733,66414
3934	481,906133	566,428122	886,624467	1109,2786	1324,03436	1651,70008	1735,06444
3935	482,369379	566,961151	887,437265	1110,26264	1325,16563	1653,05373	1736,46587
3936	482,833071	567,494682	888,250809	1111,24756	1326,29785	1654,40849	1737,86844
3937	483,297208	568,028715	889,065099	1112,23336	1327,43105	1655,76436	1739,27214
3938	483,761791	568,56325	889,880135	1113,22003	1328,56522	1657,12134	1740,67697
3939	484,226821	569,098288	890,695918	1114,20757	1329,70035	1658,47943	1742,08294
3940	484,692298	569,63383	891,51245	1115,19599	1330,83645	1659,83864	1743,49004
3941	485,158223	570,169875	892,329729	1116,18528	1331,97353	1661,19896	1744,89828
3942	485,624595	570,706425	893,147758	1117,17546	1333,11157	1662,56039	1746,30766
3943	486,091415	571,24348	893,966537	1118,16651	1334,25059	1663,92294	1747,71817
3944	486,558685	571,781041	894,786067	1119,15844	1335,39058	1665,28661	1749,12983
3945	487,026403	572,319107	895,606347	1120,15125	1336,53155	1666,6514	1750,54262
3946	487,494571	572,85768	896,42738	1121,14495	1337,67349	1668,0173	1751,95656
3947	487,96319	573,396759	897,249166	1122,13952	1338,81641	1669,38432	1753,37164
3948	488,432258	573,936346	898,071704	1123,13497	1339,9603	1670,75247	1754,78786
3949	488,901778	574,47644	898,894997	1124,13131	1341,10517	1672,12173	1756,20522
3950	489,371749	575,017043	899,719045	1125,12854	1342,25102	1673,49212	1757,62373
3951	489,842171	575,558154	900,543848	1126,12664	1343,39784	1674,86363	1759,04339

3952	490,313046	576,099775	901,369407	1127,12564	1344,54565	1676,23626	1760,46419
3953	490,784374	576,641905	902,195723	1128,12552	1345,69444	1677,61002	1761,88614
3954	491,256154	577,184546	903,022796	1129,12628	1346,84421	1678,98491	1763,30924
3955	491,728388	577,727697	903,850628	1130,12794	1347,99496	1680,36092	1764,73349
3956	492,201076	578,271359	904,679218	1131,13048	1349,14669	1681,73806	1766,15889
3957	492,674219	578,815533	905,508569	1132,13391	1350,29941	1683,11632	1767,58544
3958	493,147816	579,360219	906,338679	1133,13823	1351,45312	1684,49572	1769,01314
3959	493,621869	579,905418	907,16955	1134,14344	1352,6078	1685,87625	1770,44199
3960	494,096377	580,451129	908,001184	1135,14955	1353,76348	1687,25791	1771,872
3961	494,571341	580,997354	908,833579	1136,15655	1354,92014	1688,6407	1773,30317
3962	495,046762	581,544094	909,666738	1137,16444	1356,0778	1690,02462	1774,73549
3963	495,52264	582,091347	910,50066	1138,17322	1357,23644	1691,40968	1776,16896
3964	495,998975	582,639116	911,335347	1139,1829	1358,39607	1692,79588	1777,6036
3965	496,475769	583,1874	912,170799	1140,19348	1359,55669	1694,18321	1779,03939
3966	496,95302	583,7362	913,007017	1141,20495	1360,7183	1695,57168	1780,47634
3967	497,430731	584,285516	913,844001	1142,21732	1361,88091	1696,96128	1781,91446
3968	497,9089	584,83535	914,681753	1143,23058	1363,04451	1698,35202	1783,35373
3969	498,387529	585,385701	915,520273	1144,24475	1364,2091	1699,74391	1784,79417
3970	498,866619	585,936569	916,359562	1145,25981	1365,37469	1701,13693	1786,23577
3971	499,346169	586,487956	917,199619	1146,27578	1366,54127	1702,5311	1787,67854
3972	499,826179	587,039862	918,040447	1147,29265	1367,70885	1703,92641	1789,12247
3973	500,306652	587,592288	918,882046	1148,31042	1368,87743	1705,32286	1790,56757
3974	500,787586	588,145233	919,724417	1149,32909	1370,04701	1706,72046	1792,01383
3975	501,268982	588,698699	920,567559	1150,34867	1371,21758	1708,1192	1793,46127
3976	501,750841	589,252685	921,411475	1151,36915	1372,38916	1709,51909	1794,90987
3977	502,233164	589,807193	922,256164	1152,39053	1373,56174	1710,92012	1796,35964
3978	502,71595	590,362222	923,101627	1153,41282	1374,73532	1712,32231	1797,81058
3979	503,1992	590,917774	923,947866	1154,43602	1375,9099	1713,72564	1799,2627
3980	503,682915	591,473849	924,79488	1155,46013	1377,08548	1715,13012	1800,71599
3981	504,167094	592,030446	925,642671	1156,48514	1378,26207	1716,53576	1802,17045
3982	504,65174	592,587568	926,491239	1157,51107	1379,43967	1717,94254	1803,62608
3983	505,136851	593,145214	927,340585	1158,5379	1380,61827	1719,35048	1805,0829
3984	505,622428	593,703385	928,19071	1159,56565	1381,79788	1720,75958	1806,54089
3985	506,108472	594,262081	929,041614	1160,5943	1382,97849	1722,16982	1808,00005
3986	506,594983	594,821302	929,893298	1161,62387	1384,16012	1723,58123	1809,4604
3987	507,081962	595,38105	930,745763	1162,65435	1385,34275	1724,99379	1810,92192
3988	507,569409	595,941325	931,599009	1163,68575	1386,5264	1726,40751	1812,38463
3989	508,057325	596,502127	932,453037	1164,71806	1387,71105	1727,82238	1813,84851
3990	508,54571	597,063457	933,307849	1165,75129	1388,89672	1729,23842	1815,31358
3991	509,034564	597,625315	934,163444	1166,78543	1390,0834	1730,65562	1816,77984
3992	509,523888	598,187701	935,019823	1167,8205	1391,2711	1732,07397	1818,24727
3993	510,013683	598,750617	935,876987	1168,85648	1392,45981	1733,4935	1819,71589
3994	510,503948	599,314063	936,734938	1169,89337	1393,64953	1734,91418	1821,1857
3995	510,994684	599,878038	937,593674	1170,93119	1394,84028	1736,33603	1822,6567
3996	511,485893	600,442545	938,453198	1171,96993	1396,03204	1737,75904	1824,12888
3997	511,977573	601,007583	939,31351	1173,00959	1397,22481	1739,18322	1825,60225

3998	512,469726	601,573152	940,174611	1174,05018	1398,41861	1740,60857	1827,07682
3999	512,962353	602,139254	941,036501	1175,09168	1399,61343	1742,03508	1828,55257
4000	513,455452	602,705888	941,899181	1176,13411	1400,80927	1743,46277	1830,02952
4001	513,949026	603,273056	942,762652	1177,17747	1402,00613	1744,89162	1831,50765
4002	514,443075	603,840757	943,626914	1178,22175	1403,20401	1746,32165	1832,98699
4003	514,937598	604,408993	944,491969	1179,26695	1404,40291	1747,75284	1834,46751
4004	515,432596	604,977763	945,357817	1180,31309	1405,60284	1749,18521	1835,94924
4005	515,928071	605,547069	946,224459	1181,36015	1406,8038	1750,61876	1837,43216
4006	516,424021	606,11691	947,091895	1182,40814	1408,00578	1752,05348	1838,91628
4007	516,920449	606,687288	947,960126	1183,45706	1409,20879	1753,48937	1840,40159
4008	517,417353	607,258202	948,829153	1184,50691	1410,41282	1754,92644	1841,88811
4009	517,914736	607,829653	949,698977	1185,55769	1411,61789	1756,36469	1843,37583
4010	518,412596	608,401643	950,569598	1186,60941	1412,82398	1757,80412	1844,86474
4011	518,910935	608,97417	951,441018	1187,66206	1414,03111	1759,24473	1846,35487
4012	519,409753	609,547237	952,313236	1188,71564	1415,23927	1760,68652	1847,84619
4013	519,909051	610,120842	953,186254	1189,77015	1416,44845	1762,12949	1849,33872
4014	520,408828	610,694987	954,060072	1190,8256	1417,65868	1763,57364	1850,83246
4015	520,909086	611,269673	954,934691	1191,88199	1418,86993	1765,01898	1852,3274
4016	521,409825	611,8449	955,810112	1192,93932	1420,08222	1766,4655	1853,82355
4017	521,911045	612,420667	956,686336	1193,99758	1421,29555	1767,9132	1855,3209
4018	522,412747	612,996977	957,563363	1195,05678	1422,50991	1769,3621	1856,81947
4019	522,914931	613,573829	958,441194	1196,11692	1423,72531	1770,81218	1858,31925
4020	523,417598	614,151224	959,319829	1197,178	1424,94175	1772,26344	1859,82024
4021	523,920749	614,729162	960,19927	1198,24003	1426,15923	1773,7159	1861,32244
4022	524,424382	615,307644	961,079517	1199,30299	1427,37775	1775,16955	1862,82585
4023	524,928501	615,88667	961,960572	1200,3669	1428,59731	1776,62439	1864,33048
4024	525,433103	616,466241	962,842434	1201,43175	1429,81791	1778,08042	1865,83632
4025	525,938191	617,046358	963,725104	1202,49755	1431,03956	1779,53765	1867,34338
4026	526,443764	617,62702	964,608583	1203,56429	1432,26224	1780,99607	1868,85166
4027	526,949823	618,208229	965,492873	1204,63198	1433,48598	1782,45568	1870,36116
4028	527,456369	618,789985	966,377973	1205,70061	1434,71076	1783,91649	1871,87187
4029	527,963401	619,372289	967,263884	1206,7702	1435,93658	1785,3785	1873,38381
4030	528,470921	619,95514	968,150608	1207,84073	1437,16345	1786,84171	1874,89696
4031	528,978929	620,53854	969,038145	1208,91221	1438,39137	1788,30611	1876,41134
4032	529,487425	621,122488	969,926495	1209,98464	1439,62034	1789,77172	1877,92695
4033	529,99641	621,706987	970,815659	1211,05803	1440,85036	1791,23852	1879,44377
4034	530,505885	622,292035	971,705639	1212,13236	1442,08144	1792,70653	1880,96182
4035	531,015849	622,877634	972,596435	1213,20765	1443,31356	1794,17575	1882,4811
4036	531,526303	623,463784	973,488047	1214,28389	1444,54673	1795,64616	1884,0016
4037	532,037248	624,050485	974,380476	1215,36109	1445,78096	1797,11778	1885,52334
4038	532,548684	624,637739	975,273724	1216,43925	1447,01625	1798,59061	1887,0463
4039	533,060612	625,225545	976,16779	1217,51835	1448,25259	1800,06464	1888,57049
4040	533,573032	625,813905	977,062677	1218,59842	1449,48998	1801,53989	1890,09591
4041	534,085944	626,402818	977,958383	1219,67945	1450,72843	1803,01634	1891,62257
4042	534,599349	626,992285	978,854911	1220,76143	1451,96794	1804,494	1893,15046
4043	535,113248	627,582307	979,75226	1221,84437	1453,20851	1805,97287	1894,67958

4044	535,627641	628,172884	980,650432	1222,92828	1454,45014	1807,45296	1896,20994
4045	536,142529	628,764017	981,549428	1224,01315	1455,69283	1808,93425	1897,74153
4046	536,657911	629,355707	982,449248	1225,09897	1456,93659	1810,41677	1899,27436
4047	537,173789	629,947953	983,349892	1226,18577	1458,1814	1811,90049	1900,80843
4048	537,690163	630,540756	984,251362	1227,27352	1459,42728	1813,38543	1902,34374
4049	538,207033	631,134117	985,153659	1228,36224	1460,67422	1814,87159	1903,88028
4050	538,7244	631,728037	986,056783	1229,45193	1461,92223	1816,35897	1905,41807
4051	539,242264	632,322516	986,960735	1230,54258	1463,17131	1817,84757	1906,9571
4052	539,760626	632,917553	987,865515	1231,6342	1464,42145	1819,33738	1908,49738
4053	540,279487	633,513151	988,771125	1232,72679	1465,67266	1820,82842	1910,0389
4054	540,798846	634,10931	989,677565	1233,82035	1466,92494	1822,32068	1911,58166
4055	541,318704	634,706029	990,584836	1234,91488	1468,17829	1823,81416	1913,12567
4056	541,839063	635,30331	991,492939	1236,01038	1469,43271	1825,30887	1914,67093
4057	542,359921	635,901153	992,401874	1237,10685	1470,6882	1826,8048	1916,21743
4058	542,88128	636,499558	993,311642	1238,20429	1471,94476	1828,30196	1917,76518
4059	543,40314	637,098527	994,222245	1239,30271	1473,2024	1829,80034	1919,31419
4060	543,925502	637,698059	995,133682	1240,4021	1474,46111	1831,29995	1920,86444
4061	544,448366	638,298156	996,045955	1241,50247	1475,7209	1832,80079	1922,41595
4062	544,971733	638,898817	996,959064	1242,60381	1476,98177	1834,30287	1923,96871
4063	545,495602	639,500044	997,87301	1243,70613	1478,24371	1835,80617	1925,52273
4064	546,019976	640,101836	998,787794	1244,80943	1479,50673	1837,3107	1927,078
4065	546,544853	640,704194	999,703417	1245,91371	1480,77083	1838,81647	1928,63452
4066	547,070235	641,30712	1000,61988	1247,01897	1482,03601	1840,32347	1930,1923
4067	547,596122	641,910613	1001,53718	1248,1252	1483,30227	1841,83171	1931,75135
4068	548,122515	642,514673	1002,45532	1249,23242	1484,56961	1843,34118	1933,31165
4069	548,649413	643,119302	1003,37431	1250,34062	1485,83803	1844,85189	1934,87321
4070	549,176818	643,724501	1004,29414	1251,44981	1487,10754	1846,36384	1936,43603
4071	549,70473	644,330268	1005,21481	1252,55997	1488,37814	1847,87702	1938,00011
4072	550,23315	644,936606	1006,13632	1253,67113	1489,64982	1849,39145	1939,56546
4073	550,762077	645,543514	1007,05868	1254,78326	1490,92258	1850,90712	1941,13208
4074	551,291513	646,150993	1007,98189	1255,89639	1492,19643	1852,42403	1942,69995
4075	551,821458	646,759044	1008,90594	1257,0105	1493,47137	1853,94218	1944,2691
4076	552,351912	647,367668	1009,83084	1258,1256	1494,74741	1855,46158	1945,83951
4077	552,882876	647,976864	1010,75658	1259,24169	1496,02453	1856,98222	1947,41119
4078	553,414351	648,586633	1011,68318	1260,35877	1497,30274	1858,50411	1948,98414
4079	553,946336	649,196976	1012,61062	1261,47684	1498,58204	1860,02725	1950,55836
4080	554,478833	649,807893	1013,53892	1262,59591	1499,86244	1861,55163	1952,13385
4081	555,011842	650,419386	1014,46806	1263,71596	1501,14393	1863,07727	1953,71061
4082	555,545363	651,031453	1015,39806	1264,83701	1502,42652	1864,60415	1955,28865
4083	556,079397	651,644097	1016,32891	1265,95905	1503,7102	1866,13229	1956,86796
4084	556,613944	652,257317	1017,26061	1267,08209	1504,99498	1867,66168	1958,44855
4085	557,149005	652,871114	1018,19317	1268,20613	1506,28085	1869,19232	1960,03041
4086	557,684581	653,485489	1019,12658	1269,33116	1507,56783	1870,72421	1961,61356
4087	558,220671	654,100442	1020,06085	1270,45719	1508,8559	1872,25736	1963,19798
4088	558,757277	654,715974	1020,99597	1271,58422	1510,14508	1873,79177	1964,78368
4089	559,294398	655,332085	1021,93195	1272,71225	1511,43536	1875,32744	1966,37066

4090	559,832036	655,948776	1022,86879	1273,84128	1512,72673	1876,86436	1967,95892
4091	560,370191	656,566047	1023,80649	1274,97131	1514,01922	1878,40255	1969,54847
4092	560,908862	657,183899	1024,74505	1276,10234	1515,3128	1879,94199	1971,1393
4093	561,448052	657,802332	1025,68447	1277,23438	1516,6075	1881,4827	1972,73141
4094	561,98776	658,421348	1026,62475	1278,36742	1517,90329	1883,02466	1974,32481
4095	562,527987	659,040945	1027,56589	1279,50147	1519,2002	1884,5679	1975,9195
4096	563,068733	659,661126	1028,5079	1280,63652	1520,49821	1886,11239	1977,51548
4097	563,609999	660,281891	1029,45076	1281,77258	1521,79734	1887,65816	1979,11274
4098	564,151786	660,90324	1030,3945	1282,90965	1523,09757	1889,20519	1980,7113
4099	564,694093	661,525173	1031,33909	1284,04772	1524,39891	1890,75348	1982,31114
4100	565,236921	662,147692	1032,28456	1285,18681	1525,70137	1892,30305	1983,91228
4101	565,780271	662,770796	1033,23089	1286,3269	1527,00494	1893,85389	1985,51471
4102	566,324144	663,394487	1034,17809	1287,46801	1528,30962	1895,40599	1987,11844
4103	566,868539	664,018765	1035,12615	1288,61013	1529,61541	1896,95937	1988,72346
4104	567,413458	664,64363	1036,07509	1289,75326	1530,92233	1898,51402	1990,32978
4105	567,9589	665,269083	1037,02489	1290,89741	1532,23035	1900,06995	1991,9374
4106	568,504867	665,895125	1037,97557	1292,04257	1533,5395	1901,62715	1993,54631
4107	569,051359	666,521756	1038,92712	1293,18875	1534,84977	1903,18563	1995,15652
4108	569,598376	667,148977	1039,87954	1294,33594	1536,16115	1904,74539	1996,76804
4109	570,145919	667,776788	1040,83283	1295,48416	1537,47366	1906,30642	1998,38085
4110	570,693988	668,405189	1041,787	1296,63339	1538,78728	1907,86873	1999,99497
4111	571,242584	669,034182	1042,74204	1297,78364	1540,10203	1909,43232	2001,61039
4112	571,791707	669,663767	1043,69795	1298,93491	1541,4179	1910,9972	2003,22712
4113	572,341358	670,293945	1044,65475	1300,0872	1542,7349	1912,56336	2004,84515
4114	572,891538	670,924715	1045,61242	1301,24051	1544,05302	1914,1308	2006,46449
4115	573,442246	671,556079	1046,57097	1302,39485	1545,37227	1915,69952	2008,08514
4116	573,993484	672,188037	1047,53039	1303,55021	1546,69264	1917,26953	2009,7071
4117	574,545252	672,82059	1048,4907	1304,7066	1548,01415	1918,84083	2011,33036
4118	575,09755	673,453738	1049,45189	1305,86401	1549,33678	1920,41342	2012,95494
4119	575,650379	674,087482	1050,41395	1307,02245	1550,66054	1921,98729	2014,58083
4120	576,20374	674,721822	1051,3769	1308,18192	1551,98544	1923,56245	2016,20803
4121	576,757632	675,356759	1052,34074	1309,34241	1553,31146	1925,13891	2017,83655
4122	577,312057	675,992294	1053,30545	1310,50394	1554,63862	1926,71666	2019,46638
4123	577,867015	676,628427	1054,27106	1311,66649	1555,96691	1928,2957	2021,09753
4124	578,422506	677,265158	1055,23754	1312,83008	1557,29634	1929,87603	2022,73
4125	578,978531	677,902489	1056,20491	1313,9947	1558,6269	1931,45766	2024,36378
4126	579,535091	678,540419	1057,17317	1315,16035	1559,9586	1933,04058	2025,99889
4127	580,092186	679,178949	1058,14232	1316,32703	1561,29144	1934,62481	2027,63532
4128	580,649816	679,818081	1059,11235	1317,49475	1562,62542	1936,21033	2029,27306
4129	581,207982	680,457814	1060,08328	1318,66351	1563,96053	1937,79715	2030,91213
4130	581,766685	681,098149	1061,05509	1319,8333	1565,29679	1939,38527	2032,55253
4131	582,325925	681,739086	1062,0278	1321,00414	1566,63419	1940,97469	2034,19425
4132	582,885703	682,380627	1063,00139	1322,176	1567,97273	1942,56542	2035,83729
4133	583,446018	683,022771	1063,97588	1323,34891	1569,31241	1944,15745	2037,48166
4134	584,006873	683,66552	1064,95127	1324,52286	1570,65324	1945,75078	2039,12736
4135	584,568266	684,308874	1065,92754	1325,69785	1571,99522	1947,34542	2040,77439

4136	585,130199	684,952833	1066,90472	1326,87389	1573,33834	1948,94137	2042,42275
4137	585,692672	685,597397	1067,88278	1328,05097	1574,68261	1950,53862	2044,07245
4138	586,255686	686,242569	1068,86175	1329,22909	1576,02803	1952,13718	2045,72347
4139	586,819241	686,888348	1069,84161	1330,40825	1577,37459	1953,73706	2047,37583
4140	587,383338	687,534734	1070,82237	1331,58846	1578,72231	1955,33824	2049,02952
4141	587,947977	688,181729	1071,80403	1332,76972	1580,07118	1956,94074	2050,68455
4142	588,513159	688,829332	1072,78659	1333,95203	1581,4212	1958,54455	2052,34091
4143	589,078884	689,477545	1073,77005	1335,13539	1582,77238	1960,14967	2053,99861
4144	589,645153	690,126368	1074,75441	1336,31979	1584,12471	1961,75611	2055,65766
4145	590,211967	690,775801	1075,73967	1337,50525	1585,47819	1963,36387	2057,31804
4146	590,779325	691,425846	1076,72584	1338,69176	1586,83284	1964,97294	2058,97976
4147	591,347228	692,076502	1077,71291	1339,87932	1588,18864	1966,58334	2060,64282
4148	591,915678	692,72777	1078,70089	1341,06793	1589,54559	1968,19505	2062,30723
4149	592,484674	693,379652	1079,68977	1342,2576	1590,90371	1969,80808	2063,97298
4150	593,054217	694,032147	1080,67956	1343,44832	1592,26299	1971,42244	2065,64008
4151	593,624307	694,685256	1081,67025	1344,6401	1593,62343	1973,03812	2067,30853
4152	594,194946	695,338979	1082,66186	1345,83294	1594,98503	1974,65512	2068,97832
4153	594,766133	695,993318	1083,65437	1347,02684	1596,34779	1976,27345	2070,64946
4154	595,337869	696,648272	1084,64779	1348,22179	1597,71172	1977,8931	2072,32195
4155	595,910154	697,303843	1085,64213	1349,4178	1599,07681	1979,51408	2073,99579
4156	596,48299	697,960031	1086,63737	1350,61488	1600,44308	1981,13639	2075,67099
4157	597,056376	698,616836	1087,63353	1351,81302	1601,8105	1982,76003	2077,34753
4158	597,630314	699,274259	1088,6306	1353,01222	1603,1791	1984,385	2079,02543
4159	598,204803	699,932301	1089,62858	1354,21248	1604,54886	1986,0113	2080,70469
4160	598,779845	700,590962	1090,62748	1355,41381	1605,9198	1987,63894	2082,3853
4161	599,355439	701,250243	1091,6273	1356,61621	1607,29191	1989,26791	2084,06727
4162	599,931587	701,910144	1092,62803	1357,81967	1608,66519	1990,89821	2085,7506
4163	600,508288	702,570667	1093,62968	1359,0242	1610,03964	1992,52985	2087,43529
4164	601,085544	703,231811	1094,63225	1360,22979	1611,41527	1994,16283	2089,12134
4165	601,663355	703,893577	1095,63573	1361,43646	1612,79207	1995,79714	2090,80875
4166	602,241721	704,555966	1096,64014	1362,6442	1614,17005	1997,4328	2092,49752
4167	602,820643	705,218978	1097,64547	1363,85301	1615,54921	1999,06979	2094,18766
4168	603,400122	705,882614	1098,65172	1365,06289	1616,92954	2000,70813	2095,87916
4169	603,980158	706,546874	1099,65889	1366,27384	1618,31105	2002,34781	2097,57203
4170	604,560751	707,21176	1100,66698	1367,48587	1619,69375	2003,98883	2099,26626
4171	605,141902	707,877272	1101,676	1368,69898	1621,07762	2005,6312	2100,96187
4172	605,723612	708,543409	1102,68594	1369,91316	1622,46268	2007,27492	2102,65884
4173	606,305882	709,210174	1103,69681	1371,12841	1623,84892	2008,91998	2104,35719
4174	606,888711	709,877566	1104,70861	1372,34475	1625,23635	2010,56639	2106,0569
4175	607,4721	710,545586	1105,72133	1373,56216	1626,62496	2012,21415	2107,75799
4176	608,05605	711,214234	1106,73499	1374,78066	1628,01476	2013,86326	2109,46046
4177	608,640561	711,883512	1107,74957	1376,00023	1629,40574	2015,51372	2111,1643
4178	609,225634	712,55342	1108,76508	1377,22089	1630,79792	2017,16553	2112,86951
4179	609,81127	713,223958	1109,78152	1378,44263	1632,19128	2018,8187	2114,5761
4180	610,397469	713,895127	1110,7989	1379,66545	1633,58583	2020,47322	2116,28407
4181	610,984231	714,566927	1111,8172	1380,88936	1634,98158	2022,1291	2117,99342

4182	611,571557	715,23936	1112,83644	1382,11435	1636,37852	2023,78633	2119,70416
4183	612,159448	715,912426	1113,85662	1383,34044	1637,77665	2025,44493	2121,41627
4184	612,747903	716,586125	1114,87773	1384,5676	1639,17597	2027,10488	2123,12976
4185	613,336925	717,260458	1115,89978	1385,79586	1640,5765	2028,76619	2124,84464
4186	613,926513	717,935425	1116,92276	1387,02521	1641,97821	2030,42887	2126,56091
4187	614,516667	718,611028	1117,94668	1388,25565	1643,38113	2032,09291	2128,27856
4188	615,107389	719,287267	1118,97154	1389,48717	1644,78524	2033,75831	2129,9976
4189	615,698679	719,964142	1119,99734	1390,7198	1646,19056	2035,42507	2131,71802
4190	616,290537	720,641653	1121,02408	1391,95351	1647,59707	2037,0932	2133,43984
4191	616,882964	721,319803	1122,05176	1393,18832	1649,00479	2038,7627	2135,16305
4192	617,47596	721,99859	1123,08038	1394,42422	1650,41371	2040,43357	2136,88765
4193	618,069527	722,678017	1124,10995	1395,66123	1651,82383	2042,10581	2138,61364
4194	618,663664	723,358082	1125,14046	1396,89932	1653,23516	2043,77941	2140,34102
4195	619,258372	724,038788	1126,17191	1398,13852	1654,64769	2045,45439	2142,06981
4196	619,853652	724,720134	1127,20431	1399,37882	1656,06143	2047,13074	2143,79998
4197	620,449504	725,402121	1128,23766	1400,62021	1657,47638	2048,80847	2145,53156
4198	621,045929	726,084751	1129,27195	1401,86271	1658,89254	2050,48757	2147,26453
4199	621,642927	726,768022	1130,30719	1403,10631	1660,30991	2052,16805	2148,99891
4200	622,240499	727,451937	1131,34339	1404,35101	1661,72849	2053,8499	2150,73468
4201	622,838646	728,136495	1132,38053	1405,59682	1663,14828	2055,53313	2152,47186
4202	623,437367	728,821697	1133,41862	1406,84373	1664,56928	2057,21774	2154,21044
4203	624,036664	729,507544	1134,45766	1408,09175	1665,9915	2058,90374	2155,95042
4204	624,636538	730,194037	1135,49766	1409,34088	1667,41493	2060,59111	2157,69181
4205	625,236987	730,881175	1136,53861	1410,59111	1668,83958	2062,27987	2159,43461
4206	625,838014	731,56896	1137,58051	1411,84245	1670,26545	2063,97001	2161,17881
4207	626,439619	732,257393	1138,62337	1413,09491	1671,69253	2065,66153	2162,92442
4208	627,041802	732,946473	1139,66718	1414,34847	1673,12083	2067,35444	2164,67144
4209	627,644564	733,636201	1140,71195	1415,60315	1674,55036	2069,04874	2166,41988
4210	628,247906	734,326579	1141,75768	1416,85893	1675,9811	2070,74443	2168,16972
4211	628,851827	735,017606	1142,80437	1418,11584	1677,41307	2072,44151	2169,92098
4212	629,456329	735,709284	1143,85202	1419,37386	1678,84626	2074,13998	2171,67365
4213	630,061412	736,401613	1144,90063	1420,63299	1680,28068	2075,83984	2173,42774
4214	630,667077	737,094593	1145,9502	1421,89324	1681,71632	2077,54109	2175,18325
4215	631,273323	737,788225	1147,00073	1423,15461	1683,15319	2079,24374	2176,94017
4216	631,880153	738,48251	1148,05222	1424,4171	1684,59128	2080,94778	2178,69852
4217	632,487566	739,177448	1149,10468	1425,68071	1686,03061	2082,65322	2180,45828
4218	633,095563	739,87304	1150,1581	1426,94543	1687,47116	2084,36006	2182,21946
4219	633,704144	740,569287	1151,21249	1428,21129	1688,91295	2086,0683	2183,98207
4220	634,31331	741,266189	1152,26785	1429,47826	1690,35597	2087,77794	2185,7461
4221	634,923062	741,963747	1153,32417	1430,74636	1691,80022	2089,48897	2187,51156
4222	635,5334	742,661961	1154,38146	1432,01558	1693,2457	2091,20141	2189,27844
4223	636,144325	743,360832	1155,43972	1433,28593	1694,69242	2092,91526	2191,04675
4224	636,755837	744,060361	1156,49895	1434,5574	1696,14037	2094,6305	2192,81648
4225	637,367937	744,760549	1157,55916	1435,83001	1697,58957	2096,34716	2194,58765
4226	637,980625	745,461395	1158,62033	1437,10374	1699,04	2098,06522	2196,36025
4227	638,593902	746,1629	1159,68248	1438,3786	1700,49167	2099,78469	2198,13428

4228	639,207769	746,865066	1160,7456	1439,65459	1701,94458	2101,50557	2199,90974
4229	639,822226	747,567893	1161,80969	1440,93172	1703,39873	2103,22785	2201,68663
4230	640,437273	748,27138	1162,87476	1442,20998	1704,85412	2104,95155	2203,46497
4231	641,052912	748,97553	1163,94081	1443,48937	1706,31076	2106,67667	2205,24473
4232	641,669143	749,680343	1165,00783	1444,7699	1707,76864	2108,40319	2207,02594
4233	642,285966	750,385819	1166,07584	1446,05156	1709,22777	2110,13113	2208,80858
4234	642,903381	751,091958	1167,14482	1447,33436	1710,68814	2111,86049	2210,59266
4235	643,521391	751,798763	1168,21478	1448,6183	1712,14976	2113,59126	2212,37819
4236	644,139994	752,506232	1169,28572	1449,90337	1713,61263	2115,32346	2214,16516
4237	644,759192	753,214367	1170,35764	1451,18959	1715,07675	2117,05707	2215,95357
4238	645,378986	753,923169	1171,43055	1452,47695	1716,54213	2118,7921	2217,74342
4239	645,999375	754,632637	1172,50444	1453,76545	1718,00875	2120,52856	2219,53472
4240	646,62036	755,342773	1173,57932	1455,05509	1719,47663	2122,26644	2221,32747
4241	647,241943	756,053577	1174,65518	1456,34588	1720,94576	2124,00574	2223,12166
4242	647,864122	756,765051	1175,73202	1457,63781	1722,41614	2125,74647	2224,91731
4243	648,4869	757,477193	1176,80986	1458,93089	1723,88778	2127,48862	2226,7144
4244	649,110277	758,190006	1177,88868	1460,22511	1725,36068	2129,23221	2228,51295
4245	649,734253	758,90349	1178,96849	1461,52049	1726,83484	2130,97722	2230,31295
4246	650,358829	759,617645	1180,04929	1462,81701	1728,31026	2132,72366	2232,1144
4247	650,984005	760,332472	1181,13108	1464,11468	1729,78694	2134,47153	2233,91731
4248	651,609782	761,047972	1182,21386	1465,41351	1731,26488	2136,22084	2235,72167
4249	652,236161	761,764145	1183,29764	1466,71348	1732,74408	2137,97158	2237,52749
4250	652,863141	762,480993	1184,38241	1468,01461	1734,22455	2139,72375	2239,33477
4251	653,490725	763,198514	1185,46817	1469,3169	1735,70628	2141,47736	2241,14351
4252	654,118912	763,916711	1186,55493	1470,62033	1737,18928	2143,23241	2242,95371
4253	654,747702	764,635584	1187,64268	1471,92493	1738,67354	2144,98889	2244,76538
4254	655,377097	765,355133	1188,73144	1473,23068	1740,15907	2146,74682	2246,5785
4255	656,007097	766,075359	1189,82119	1474,53759	1741,64588	2148,50618	2248,39309
4256	656,637703	766,796264	1190,91194	1475,84566	1743,13395	2150,26699	2250,20915
4257	657,268915	767,517846	1192,00369	1477,15489	1744,62329	2152,02924	2252,02667
4258	657,900733	768,240108	1193,09644	1478,46528	1746,11391	2153,79294	2253,84567
4259	658,533159	768,963049	1194,19019	1479,77684	1747,6058	2155,55808	2255,66613
4260	659,166193	769,68667	1195,28494	1481,08956	1749,09896	2157,32466	2257,48806
4261	659,799836	770,410973	1196,3807	1482,40344	1750,5934	2159,0927	2259,31146
4262	660,434087	771,135957	1197,47746	1483,71849	1752,08912	2160,86218	2261,13633
4263	661,068949	771,861623	1198,57523	1485,0347	1753,58612	2162,63311	2262,96268
4264	661,70442	772,587972	1199,67401	1486,35208	1755,08439	2164,4055	2264,79051
4265	662,340502	773,315005	1200,77379	1487,67063	1756,58394	2166,17934	2266,61981
4266	662,977196	774,042722	1201,87458	1488,99035	1758,08478	2167,95463	2268,45059
4267	663,614502	774,771124	1202,97638	1490,31125	1759,5869	2169,73138	2270,28284
4268	664,252421	775,500211	1204,07919	1491,63331	1761,0903	2171,50958	2272,11658
4269	664,890952	776,229984	1205,18301	1492,95654	1762,59498	2173,28924	2273,9518
4270	665,530098	776,960444	1206,28784	1494,28095	1764,10096	2175,07036	2275,7885
4271	666,169858	777,691591	1207,39368	1495,60654	1765,60821	2176,85293	2277,62668
4272	666,810233	778,423427	1208,50054	1496,9333	1767,11676	2178,63697	2279,46635
4273	667,451223	779,155951	1209,60842	1498,26124	1768,62659	2180,42247	2281,30751

4274	668,09283	779,889164	1210,71731	1499,59035	1770,13772	2182,20944	2283,15015
4275	668,735053	780,623068	1211,82721	1500,92065	1771,65014	2183,99787	2284,99428
4276	669,377894	781,357662	1212,93814	1502,25212	1773,16384	2185,78776	2286,8399
4277	670,021353	782,092947	1214,05008	1503,58478	1774,67884	2187,57912	2288,68701
4278	670,66543	782,828924	1215,16304	1504,91861	1776,19514	2189,37195	2290,53561
4279	671,310127	783,565594	1216,27702	1506,25364	1777,71273	2191,16625	2292,38571
4280	671,955443	784,302957	1217,39202	1507,58984	1779,23162	2192,96202	2294,2373
4281	672,601379	785,041014	1218,50805	1508,92723	1780,75181	2194,75926	2296,09038
4282	673,247937	785,779765	1219,62509	1510,26581	1782,27329	2196,55798	2297,94496
4283	673,895115	786,519212	1220,74317	1511,60557	1783,79608	2198,35817	2299,80104
4284	674,542917	787,259354	1221,86226	1512,94653	1785,32016	2200,15983	2301,65862
4285	675,19134	788,000193	1222,98238	1514,28867	1786,84555	2201,96297	2303,5177
4286	675,840387	788,74173	1224,10353	1515,632	1788,37224	2203,76759	2305,37828
4287	676,490058	789,483964	1225,22571	1516,97653	1789,90024	2205,57369	2307,24037
4288	677,140354	790,226896	1226,34892	1518,32225	1791,42954	2207,38126	2309,10396
4289	677,791274	790,970528	1227,47315	1519,66916	1792,96014	2209,19032	2310,96905
4290	678,442821	791,714859	1228,59842	1521,01726	1794,49206	2211,00086	2312,83565
4291	679,094993	792,459891	1229,72472	1522,36657	1796,02528	2212,81289	2314,70376
4292	679,747793	793,205624	1230,85205	1523,71707	1797,55982	2214,6264	2316,57337
4293	680,40122	793,952058	1231,98041	1525,06876	1799,09566	2216,44139	2318,4445
4294	681,055275	794,699195	1233,10981	1526,42166	1800,63282	2218,25788	2320,31714
4295	681,709959	795,447035	1234,24024	1527,77576	1802,17129	2220,07585	2322,19129
4296	682,365273	796,195579	1235,37171	1529,13105	1803,71108	2221,89531	2324,06695
4297	683,021216	796,944828	1236,50422	1530,48755	1805,25218	2223,71627	2325,94413
4298	683,67779	797,694781	1237,63777	1531,84526	1806,7946	2225,53871	2327,82283
4299	684,334995	798,44544	1238,77235	1533,20417	1808,33833	2227,36265	2329,70304
4300	684,992831	799,196806	1239,90797	1534,56428	1809,88339	2229,18809	2331,58477

Tabla 17. Pesos finales estimados para el modelo 4

ST	Wf_0.025	Wf_0.05	Wf_0.25	Wf_0.5	Wf_0.75	Wf_0.95	Wf_0.975
0	0	0	0	0	0	0	0
1	0,00090766	0,00158525	0,01469518	0,04969417	0,17088725	1,04980206	1,39228028
2	0,00263891	0,00444602	0,03473359	0,10696162	0,33379716	1,77583902	2,31283792
3	0,00492669	0,00812757	0,05744826	0,16748471	0,49382596	2,41517329	3,1123023
4	0,00767229	0,0124694	0,08209646	0,23022396	0,65201203	3,00399891	3,84205633
5	0,0108178	0,01737915	0,10829007	0,29466439	0,80884182	3,55790808	4,52400051
6	0,0143237	0,02279475	0,13578495	0,36049375	0,96459919	4,08549302	5,17011618
7	0,01816077	0,02867071	0,16441136	0,42750106	1,11947036	4,59214732	5,78788259
8	0,02230618	0,0349719	0,19404353	0,49553358	1,2735869	5,081547	6,38237411
9	0,02674148	0,04167006	0,22458403	0,56447532	1,42704668	5,55634463	6,95723825
10	0,03145132	0,04874189	0,25595486	0,63423502	1,57992537	6,01853652	7,51521093
11	0,03642267	0,05616769	0,28809202	0,7047389	1,73228315	6,46967446	8,05841258
12	0,04164427	0,06393057	0,32094189	0,775926	1,88416906	6,91099612	8,58852988
13	0,0471063	0,0720158	0,35445881	0,84774508	2,03562381	7,34350942	9,10693317
14	0,05280003	0,08041042	0,3886034	0,92015239	2,18668172	7,76804957	9,61475543
15	0,05871769	0,08910288	0,42334128	0,99311017	2,33737212	8,18531886	10,1129474
16	0,06485227	0,09808284	0,45864212	1,06658544	2,48772034	8,59591521	10,602317
17	0,07119741	0,10734092	0,494479	1,14054915	2,63774852	9,00035325	11,0835585
18	0,07774732	0,11686864	0,53082777	1,2149755	2,78747612	9,39908011	11,5572739
19	0,08449667	0,12665818	0,56766668	1,28984141	2,93692041	9,79248751	12,0239899
20	0,09144056	0,13670241	0,60497601	1,36512613	3,08609682	10,1809212	12,4841708
21	0,09857444	0,14699471	0,64273778	1,44081087	3,23501919	10,5646884	12,9382285
22	0,10589409	0,15752896	0,68093553	1,51687853	3,38370003	10,9440635	13,3865304
23	0,11339559	0,16829945	0,71955414	1,59331352	3,5321507	11,3192934	13,8294065
24	0,12107523	0,17930087	0,75857961	1,67010151	3,68038154	11,6906006	14,2671544
25	0,12892957	0,19052823	0,79799903	1,74722931	3,82840202	12,0581874	14,7000435
26	0,13695535	0,20197686	0,83780036	1,82468474	3,97622085	12,4222376	15,1283192
27	0,1451495	0,21364236	0,87797239	1,9024565	4,12384603	12,7829195	15,5522052
28	0,15350913	0,22552056	0,91850466	1,9805341	4,27128499	13,1403873	15,9719069
29	0,16203147	0,23760755	0,95938735	2,05890774	4,41854461	13,4947829	16,3876128
30	0,17071394	0,2498996	1,00061125	2,13756827	4,56563127	13,8462375	16,7994969
31	0,17955404	0,26239319	1,04216768	2,21650714	4,71255093	14,1948724	17,2077201
32	0,18854942	0,27508495	1,08404848	2,29571629	4,85930918	14,5407999	17,6124314
33	0,19769782	0,28797169	1,12624591	2,37518816	5,00591121	14,8841249	18,0137695
34	0,20699708	0,30105035	1,16875266	2,45491562	5,15236193	15,224945	18,4118635
35	0,21644516	0,31431804	1,21156181	2,53489194	5,29866594	15,5633512	18,8068338
36	0,22604007	0,32777195	1,25466677	2,61511074	5,44482756	15,899429	19,1987934
37	0,23577993	0,34140942	1,29806128	2,69556599	5,5908509	16,2332584	19,5878477
38	0,24566292	0,3552279	1,34173938	2,77625197	5,73673981	16,5649146	19,974096
39	0,25568728	0,36922492	1,38569538	2,85716325	5,88249795	16,8944685	20,3576317
40	0,26585135	0,38339813	1,42992387	2,93829464	6,02812878	17,2219868	20,7385426
41	0,2761535	0,39774525	1,47441965	3,01964123	6,17363561	17,5475325	21,1169116

42	0,28659217	0,41226411	1,51917775	3,10119831	6,31902155	17,8711651	21,4928172
43	0,29716586	0,42695258	1,56419344	3,1829614	6,46428957	18,1929411	21,8663334
44	0,30787311	0,44180865	1,60946213	3,2649262	6,60944253	18,5129139	22,2375305
45	0,31871251	0,45683035	1,65497946	3,34708861	6,75448311	18,8311343	22,6064751
46	0,32968271	0,47201578	1,70074122	3,42944471	6,8994139	19,1476505	22,9732306
47	0,34078238	0,48736311	1,74674337	3,51199071	7,04423737	19,4625084	23,337857
48	0,35201026	0,50287056	1,79298201	3,59472301	7,18895588	19,7757517	23,7004116
49	0,3633651	0,51853642	1,83945339	3,67763813	7,33357169	20,0874221	24,0609491
50	0,37484571	0,53435903	1,88615391	3,76073273	7,47808697	20,3975593	24,4195215
51	0,38645093	0,55033677	1,93308007	3,8440036	7,62250379	20,7062014	24,7761784
52	0,39817961	0,56646807	1,9802285	3,92744763	7,76682415	21,0133845	25,1309674
53	0,41003067	0,58275141	2,02759595	4,01106187	7,91104998	21,3191436	25,483934
54	0,42200303	0,59918533	2,07517929	4,09484341	8,0551831	21,6235119	25,8351215
55	0,43409565	0,61576838	2,12297546	4,17878951	8,1992253	21,9265212	26,1845717
56	0,44630753	0,63249916	2,17098153	4,26289747	8,34317829	22,2282023	26,5323245
57	0,45863768	0,64937633	2,21919464	4,34716471	8,48704371	22,5285844	26,8784182
58	0,47108514	0,66639855	2,26761203	4,43158873	8,63082316	22,8276959	27,2228897
59	0,48364897	0,68356455	2,31623102	4,51616711	8,77451816	23,1255639	27,5657744
60	0,49632826	0,70087307	2,36504901	4,60089751	8,9181302	23,4222145	27,9071063
61	0,50912212	0,71832289	2,41406348	4,68577766	9,0616607	23,7176728	28,2469181
62	0,52202969	0,73591282	2,46327197	4,77080536	9,20511104	24,0119631	28,5852413
63	0,53505011	0,75364169	2,51267212	4,85597849	9,34848257	24,3051087	28,9221063
64	0,54818256	0,77150836	2,5622616	4,94129497	9,49177657	24,5971322	29,2575425
65	0,56142622	0,78951175	2,61203817	5,02675282	9,63499431	24,8880552	29,591578
66	0,57478032	0,80765075	2,66199963	5,11235007	9,77813698	25,1778987	29,9242401
67	0,58824406	0,82592432	2,71214386	5,19808483	9,92120577	25,4666831	30,2555552
68	0,60181671	0,84433143	2,76246878	5,28395528	10,0642018	25,7544279	30,5855486
69	0,61549751	0,86287106	2,81297237	5,36995963	10,2071262	26,0411521	30,9142451
70	0,62928574	0,88154222	2,86365266	5,45609613	10,3499801	26,3268739	31,2416683
71	0,6431807	0,90034395	2,91450774	5,54236311	10,4927644	26,6116112	31,5678413
72	0,65718169	0,91927531	2,96553573	5,62875891	10,6354802	26,8953811	31,8927863
73	0,67128802	0,93833537	3,0167348	5,71528194	10,7781285	27,1782004	32,216525
74	0,68549904	0,95752322	3,06810317	5,80193063	10,9207103	27,460085	32,5390783
75	0,69981408	0,97683798	3,11963911	5,88870347	11,0632264	27,7410508	32,8604664
76	0,71423252	0,99627878	3,17134091	5,97559897	11,2056777	28,0211128	33,180709
77	0,72875371	1,01584476	3,22320692	6,06261569	11,3480652	28,3002858	33,4998252
78	0,74337704	1,03553509	3,27523552	6,14975223	11,4903897	28,5785842	33,8178335
79	0,75810192	1,05534895	3,32742511	6,23700721	11,6326521	28,8560218	34,1347518
80	0,77292773	1,07528553	3,37977415	6,32437928	11,7748531	29,1326122	34,4505977
81	0,78785391	1,09534406	3,43228113	6,41186714	11,9169935	29,4083685	34,7653881
82	0,80287988	1,11552374	3,48494456	6,4994695	12,0590742	29,6833033	35,0791395
83	0,81800507	1,13582384	3,537763	6,58718513	12,2010958	29,9574293	35,3918679
84	0,83322894	1,15624359	3,59073502	6,67501279	12,3430592	30,2307584	35,7035889
85	0,84855094	1,17678228	3,64385923	6,7629513	12,4849649	30,5033024	36,0143178
86	0,86397054	1,19743917	3,69713427	6,85099949	12,6268138	30,7750728	36,3240692
87	0,87948721	1,21821357	3,75055881	6,93915622	12,7686065	31,0460806	36,6328576

88	0,89510045	1,23910477	3,80413155	7,02742036	12,9103437	31,3163369	36,940697
89	0,91080974	1,26011211	3,8578512	7,11579084	13,052026	31,5858521	37,2476011
90	0,92661458	1,2812349	3,91171651	7,20426657	13,1936541	31,8546367	37,5535831
91	0,94251449	1,3024725	3,96572624	7,29284652	13,3352286	32,1227006	37,858656
92	0,95850898	1,32382424	4,0198792	7,38152966	13,4767501	32,3900537	38,1628324
93	0,97459758	1,3452895	4,0741742	7,47031498	13,6182191	32,6567055	38,4661248
94	0,99077982	1,36686764	4,12861007	7,55920151	13,7596364	32,9226655	38,7685451
95	1,00705525	1,38855806	4,18318569	7,64818827	13,9010024	33,1879427	39,0701051
96	1,0234234	1,41036014	4,23789992	7,73727434	14,0423177	33,452546	39,3708162
97	1,03988383	1,43227328	4,29275168	7,82645877	14,1835828	33,7164843	39,6706896
98	1,0564361	1,45429691	4,34773988	7,91574067	14,3247983	33,9797658	39,9697364
99	1,07307979	1,47643043	4,40286348	8,00511914	14,4659648	34,2423991	40,267967
100	1,08981446	1,49867329	4,45812142	8,09459331	14,6070826	34,5043921	40,5653921
101	1,1066397	1,52102491	4,51351269	8,18416232	14,7481524	34,7657529	40,8620218
102	1,12355508	1,54348474	4,56903628	8,27382535	14,8891746	35,0264892	41,157866
103	1,14056021	1,56605225	4,62469122	8,36358155	15,0301497	35,2866086	41,4529345
104	1,15765468	1,58872689	4,68047652	8,45343012	15,1710782	35,5461185	41,7472369
105	1,1748381	1,61150814	4,73639124	8,54337027	15,3119605	35,8050262	42,0407825
106	1,19211007	1,63439547	4,79243444	8,63340122	15,4527971	36,0633387	42,3335803
107	1,2094702	1,65738836	4,8486052	8,72352219	15,5935885	36,3210632	42,6256394
108	1,22691812	1,68048633	4,90490261	8,81373245	15,734335	36,5782063	42,9169685
109	1,24445346	1,70368885	4,96132579	8,90403124	15,8750371	36,8347748	43,207576
110	1,26207584	1,72699545	5,01787385	8,99441784	16,0156952	37,0907752	43,4974706
111	1,27978489	1,75040563	5,07454594	9,08489155	16,1563098	37,3462138	43,7866602
112	1,29758027	1,77391892	5,1313412	9,17545164	16,2968812	37,6010971	44,075153
113	1,3154616	1,79753485	5,18825879	9,26609745	16,4374098	37,855431	44,3629568
114	1,33342854	1,82125294	5,24529791	9,35682828	16,5778961	38,1092218	44,6500794
115	1,35148075	1,84507274	5,30245773	9,44764347	16,7183404	38,3624752	44,9365284
116	1,36961788	1,86899379	5,35973745	9,53854236	16,8587431	38,615197	45,2223111
117	1,3878396	1,89301565	5,4171363	9,62952431	16,9991046	38,867393	45,5074348
118	1,40614556	1,91713787	5,4746535	9,72058869	17,1394252	39,1190688	45,7919066
119	1,42453545	1,94136002	5,53228829	9,81173487	17,2797052	39,3702297	46,0757337
120	1,44300893	1,96568167	5,59003991	9,90296222	17,4199451	39,6208812	46,3589227
121	1,46156568	1,99010239	5,64790763	9,99427016	17,5601452	39,8710285	46,6414805
122	1,4802054	2,01462175	5,70589072	10,0856581	17,7003059	40,1206767	46,9234136
123	1,49892775	2,03923936	5,76398846	10,1771254	17,8404273	40,3698311	47,2047286
124	1,51773244	2,06395478	5,82220014	10,2686715	17,98051	40,6184965	47,4854318
125	1,53661916	2,08876763	5,88052506	10,3602959	18,1205542	40,8666778	47,7655294
126	1,5555876	2,1136775	5,93896253	10,451998	18,2605602	41,1143799	48,0450276
127	1,57463747	2,138684	5,99751188	10,5437772	18,4005284	41,3616074	48,3239324
128	1,59376846	2,16378673	6,05617244	10,635633	18,540459	41,608365	48,6022498
129	1,61298029	2,1889853	6,11494355	10,7275649	18,6803524	41,8546573	48,8799855
130	1,63227268	2,21427935	6,17382455	10,8195723	18,8202088	42,1004887	49,1571452
131	1,65164532	2,23966849	6,2328148	10,9116547	18,9600286	42,3458636	49,4337346
132	1,67109794	2,26515234	6,29191367	11,0038116	19,099812	42,5907864	49,7097592
133	1,69063026	2,29073055	6,35112054	11,0960426	19,2395593	42,8352612	49,9852244

134	1,71024201	2,31640274	6,41043478	11,188347	19,3792708	43,0792923	50,2601355
135	1,7299329	2,34216856	6,4698558	11,2807244	19,5189468	43,3228838	50,5344978
136	1,74970268	2,36802765	6,52938298	11,3731744	19,6585876	43,5660397	50,8083164
137	1,76955107	2,39397965	6,58901574	11,4656964	19,7981934	43,808764	51,0815963
138	1,78947781	2,42002423	6,64875349	11,5582899	19,9377644	44,0510606	51,3543426
139	1,80948263	2,44616103	6,70859564	11,6509546	20,077301	44,2929334	51,6265602
140	1,82956528	2,47238972	6,76854164	11,74369	20,2168035	44,534386	51,8982538
141	1,8497255	2,49870996	6,82859092	11,8364955	20,3562719	44,7754223	52,1694282
142	1,86996303	2,52512142	6,88874292	11,9293708	20,4957067	45,016046	52,4400881
143	1,89027764	2,55162376	6,94899709	12,0223155	20,635108	45,2562605	52,7102381
144	1,91066905	2,57821666	7,00935288	12,115329	20,7744761	45,4960695	52,9798826
145	1,93113704	2,6048998	7,06980977	12,2084109	20,9138112	45,7354765	53,2490262
146	1,95168136	2,63167286	7,13036723	12,301561	21,0531136	45,9744849	53,5176732
147	1,97230177	2,65853552	7,19102472	12,3947786	21,1923834	46,213098	53,7858279
148	1,99299802	2,68548747	7,25178174	12,4880634	21,331621	46,4513193	54,0534945
149	2,01376988	2,71252839	7,31263777	12,5814151	21,4708266	46,689152	54,3206773
150	2,03461713	2,739658	7,3735923	12,6748331	21,6100003	46,9265993	54,5873803
151	2,05553951	2,76687597	7,43464484	12,7683171	21,7491424	47,1636645	54,8536076
152	2,07653682	2,79418201	7,4957949	12,8618668	21,8882531	47,4003506	55,1193631
153	2,09760881	2,82157583	7,55704199	12,9554817	22,0273326	47,6366608	55,3846509
154	2,11875527	2,84905713	7,61838562	13,0491614	22,1663812	47,8725981	55,6494748
155	2,13997596	2,87662561	7,67982533	13,1429056	22,305399	48,1081655	55,9138386
156	2,16127068	2,90428099	7,74136063	13,2367139	22,4443862	48,343366	56,177746
157	2,1826392	2,93202298	7,80299106	13,3305859	22,5833431	48,5782025	56,4412008
158	2,2040813	2,95985131	7,86471617	13,4245213	22,7222699	48,8126779	56,7042067
159	2,22559678	2,98776568	7,9265355	13,5185197	22,8611666	49,046795	56,9667671
160	2,24718541	3,01576582	7,98844859	13,6125808	23,0000336	49,2805566	57,2288857
161	2,26884699	3,04385147	8,05045501	13,7067042	23,1388711	49,5139654	57,490566
162	2,2905813	3,07202233	8,11255431	13,8008895	23,2776792	49,7470242	57,7518114
163	2,31238814	3,10027815	8,17474606	13,8951364	23,416458	49,9797357	58,0126254
164	2,33426731	3,12861866	8,23702983	13,9894446	23,5552079	50,2121025	58,2730111
165	2,35621861	3,15704359	8,29940518	14,0838138	23,6939289	50,4441271	58,5329721
166	2,37824182	3,18555269	8,3618717	14,1782436	23,8326213	50,6758123	58,7925115
167	2,40033675	3,21414568	8,42442898	14,2727336	23,9712853	50,9071605	59,0516326
168	2,42250321	3,24282231	8,48707659	14,3672837	24,1099209	51,1381742	59,3103385
169	2,44474099	3,27158233	8,54981413	14,4618933	24,2485284	51,3688559	59,5686323
170	2,4670499	3,30042548	8,6126412	14,5565623	24,387108	51,5992081	59,8265172
171	2,48942976	3,32935152	8,6755574	14,6512903	24,5256598	51,829233	60,0839962
172	2,51188036	3,35836019	8,73856232	14,7460771	24,664184	52,0589332	60,3410723
173	2,53440152	3,38745125	8,80165559	14,8409222	24,8026808	52,288311	60,5977484
174	2,55699304	3,41662445	8,8648368	14,9358254	24,9411503	52,5173686	60,8540276
175	2,57965476	3,44587955	8,92810558	15,0307864	25,0795927	52,7461083	61,1099126
176	2,60238647	3,47521632	8,99146155	15,125805	25,2180081	52,9745325	61,3654064
177	2,62518799	3,50463451	9,05490432	15,2208807	25,3563967	53,2026433	61,6205117
178	2,64805915	3,53413388	9,11843354	15,3160134	25,4947587	53,4304429	61,8752314
179	2,67099976	3,56371421	9,18204882	15,4112027	25,6330942	53,6579335	62,1295682

180	2,69400965	3,59337526	9,24574981	15,5064484	25,7714034	53,8851172	62,3835247
181	2,71708863	3,6231168	9,30953614	15,6017501	25,9096864	54,1119962	62,6371037
182	2,74023654	3,65293861	9,37340745	15,6971077	26,0479434	54,3385726	62,8903079
183	2,76345319	3,68284045	9,43736339	15,7925208	26,1861745	54,5648483	63,1431397
184	2,78673841	3,71282211	9,50140361	15,8879891	26,3243799	54,7908255	63,3956019
185	2,81009204	3,74288336	9,56552776	15,9835124	26,4625596	55,0165061	63,6476969
186	2,8335139	3,77302397	9,6297355	16,0790904	26,6007139	55,2418922	63,8994272
187	2,85700381	3,80324374	9,69402648	16,1747229	26,738843	55,4669857	64,1507954
188	2,88056163	3,83354244	9,75840037	16,2704096	26,8769468	55,6917885	64,4018039
189	2,90418717	3,86391986	9,82285682	16,3661502	27,0150256	55,9163026	64,6524551
190	2,92788027	3,89437579	9,88739552	16,4619445	27,1530795	56,1405299	64,9027514
191	2,95164077	3,92491	9,95201613	16,5577923	27,2911087	56,3644722	65,1526952
192	2,97546851	3,9555223	10,0167183	16,6536932	27,4291133	56,5881314	65,4022888
193	2,99936332	3,98621248	10,0815018	16,749647	27,5670933	56,8115093	65,6515345
194	3,02332504	4,01698032	10,1463662	16,8456536	27,705049	57,0346077	65,9004347
195	3,04735352	4,04782562	10,2113112	16,9417126	27,8429805	57,2574285	66,1489915
196	3,0714486	4,07874819	10,2763365	17,0378237	27,9808879	57,4799733	66,3972072
197	3,09561012	4,10974781	10,3414419	17,1339869	28,1187713	57,702244	66,6450841
198	3,11983792	4,14082428	10,4066269	17,2302018	28,2566309	57,9242422	66,8926242
199	3,14413186	4,17197741	10,4718913	17,3264682	28,3944667	58,1459697	67,1398297
200	3,16849177	4,203207	10,5372348	17,4227858	28,5322789	58,3674281	67,3867028
201	3,19291751	4,23451285	10,6026571	17,5191545	28,6700677	58,5886192	67,6332456
202	3,21740892	4,26589477	10,6681578	17,615574	28,8078331	58,8095445	67,8794602
203	3,24196586	4,29735257	10,7337368	17,712044	28,9455753	59,0302057	68,1253485
204	3,26658818	4,32888605	10,7993936	17,8085645	29,0832943	59,2506044	68,3709128
205	3,29127572	4,36049502	10,8651281	17,905135	29,2209904	59,4707423	68,6161548
206	3,31602835	4,3921793	10,9309399	18,0017555	29,3586636	59,6906209	68,8610768
207	3,34084591	4,42393869	10,9968287	18,0984257	29,4963139	59,9102417	69,1056805
208	3,36572826	4,45577302	11,0627943	18,1951454	29,6339417	60,1296063	69,3499681
209	3,39067527	4,48768209	11,1288363	18,2919144	29,7715469	60,3487162	69,5939413
210	3,41568678	4,51966572	11,1949545	18,3887324	29,9091297	60,567573	69,8376021
211	3,44076265	4,55172374	11,2611487	18,4855993	30,0466901	60,7861781	70,0809524
212	3,46590274	4,58385595	11,3274185	18,5825148	30,1842283	61,004533	70,3239941
213	3,49110692	4,61606219	11,3937636	18,6794788	30,3217445	61,2226393	70,566729
214	3,51637505	4,64834227	11,4601839	18,776491	30,4592386	61,4404982	70,8091589
215	3,54170698	4,68069601	11,526679	18,8735513	30,5967108	61,6581113	71,0512856
216	3,56710258	4,71312324	11,5932487	18,9706594	30,7341613	61,87548	71,2931109
217	3,59256172	4,74562379	11,6598927	19,0678151	30,8715901	62,0926057	71,5346366
218	3,61808426	4,77819748	11,7266108	19,1650183	31,0089973	62,3094897	71,7758645
219	3,64367006	4,81084414	11,7934026	19,2622688	31,146383	62,5261335	72,0167962
220	3,669319	4,84356359	11,860268	19,3595663	31,2837473	62,7425385	72,2574335
221	3,69503093	4,87635568	11,9272067	19,4569106	31,4210904	62,9587059	72,497778
222	3,72080574	4,90922023	11,9942184	19,5543017	31,5584123	63,174637	72,7378315
223	3,74664328	4,94215707	12,0613029	19,6517392	31,6957132	63,3903333	72,9775957
224	3,77254344	4,97516604	12,1284599	19,749223	31,832993	63,605796	73,217072
225	3,79850607	5,00824697	12,1956892	19,846753	31,970252	63,8210265	73,4562623

226	3,82453105	5,0413997	12,2629906	19,9443289	32,1074902	64,0360259	73,695168
227	3,85061827	5,07462406	12,3303638	20,0419505	32,2447077	64,2507956	73,9337909
228	3,87676757	5,1079199	12,3978085	20,1396177	32,3819046	64,4653368	74,1721324
229	3,90297886	5,14128705	12,4653245	20,2373303	32,519081	64,6796508	74,4101941
230	3,92925199	5,17472536	12,5329117	20,3350882	32,656237	64,8937388	74,6479776
231	3,95558684	5,20823465	12,6005697	20,432891	32,7933726	65,107602	74,8854845
232	3,9819833	5,24181479	12,6682983	20,5307387	32,9304881	65,3212416	75,1227161
233	4,00844124	5,2754656	12,7360973	20,6286312	33,0675834	65,5346589	75,3596741
234	4,03496053	5,30918694	12,8039665	20,7265681	33,2046587	65,7478549	75,59636
235	4,06154106	5,34297865	12,8719056	20,8245494	33,341714	65,9608309	75,8327751
236	4,08818271	5,37684058	12,9399144	20,9225749	33,4787494	66,1735881	76,0689209
237	4,11488535	5,41077257	13,0079926	21,0206444	33,6157651	66,3861276	76,304799
238	4,14164888	5,44477447	13,0761402	21,1187577	33,752761	66,5984505	76,5404107
239	4,16847316	5,47884614	13,1443568	21,2169147	33,8897374	66,8105579	76,7757574
240	4,19535809	5,51298741	13,2126422	21,3151153	34,0266942	67,022451	77,0108406
241	4,22230354	5,54719815	13,2809962	21,4133592	34,1636316	67,2341309	77,2456617
242	4,24930941	5,58147821	13,3494186	21,5116463	34,3005496	67,4455987	77,480222
243	4,27637557	5,61582744	13,4179091	21,6099765	34,4374483	67,6568555	77,7145228
244	4,30350191	5,65024568	13,4864676	21,7083495	34,5743279	67,8679023	77,9485656
245	4,33068833	5,68473281	13,5550939	21,8067652	34,7111883	68,0787402	78,1823517
246	4,35793469	5,71928867	13,6237877	21,9052235	34,8480297	68,2893703	78,4158824
247	4,38524091	5,75391312	13,6925488	22,0037243	34,9848521	68,4997937	78,649159
248	4,41260685	5,78860602	13,7613771	22,1022673	35,1216557	68,7100113	78,8821829
249	4,44003241	5,82336722	13,8302722	22,2008523	35,2584405	68,9200242	79,1149553
250	4,46751749	5,8581966	13,8992341	22,2994794	35,3952065	69,1298334	79,3474774
251	4,49506196	5,89309399	13,9682625	22,3981482	35,531954	69,3394399	79,5797507
252	4,52266572	5,92805928	14,0373572	22,4968588	35,6686828	69,5488447	79,8117762
253	4,55032867	5,96309231	14,106518	22,5956108	35,8053932	69,7580489	80,0435554
254	4,5780507	5,99819296	14,1757447	22,6944042	35,9420852	69,9670534	80,2750893
255	4,60583169	6,03336108	14,2450371	22,7932387	36,0787588	70,1758591	80,5063793
256	4,63367154	6,06859654	14,314395	22,8921144	36,2154142	70,3844671	80,7374265
257	4,66157015	6,1038992	14,3838183	22,991031	36,3520514	70,5928783	80,9682321
258	4,68952741	6,13926894	14,4533066	23,0899884	36,4886704	70,8010937	81,1987974
259	4,71754322	6,17470561	14,5228599	23,1889864	36,6252714	71,0091141	81,4291235
260	4,74561746	6,21020909	14,592478	23,2880249	36,7618545	71,2169406	81,6592116
261	4,77375005	6,24577924	14,6621606	23,3871038	36,8984197	71,4245741	81,8890628
262	4,80194086	6,28141594	14,7319076	23,4862229	37,034967	71,6320154	82,1186783
263	4,83018981	6,31711904	14,8017188	23,5853822	37,1714966	71,8392655	82,3480593
264	4,8584968	6,35288843	14,871594	23,6845813	37,3080084	72,0463253	82,5772068
265	4,88686171	6,38872398	14,941533	23,7838203	37,4445027	72,2531957	82,806122
266	4,91528445	6,42462554	15,0115356	23,8830989	37,5809794	72,4598775	83,034806
267	4,94376491	6,46059301	15,0816016	23,9824172	37,7174387	72,6663717	83,2632599
268	4,97230301	6,49662625	15,151731	24,0817748	37,8538805	72,8726791	83,4914847
269	5,00089864	6,53272514	15,2219234	24,1811717	37,990305	73,0788006	83,7194817
270	5,02955169	6,56888954	15,2921787	24,2806078	38,1267122	73,2847371	83,9472518
271	5,05826208	6,60511935	15,3624968	24,3800829	38,2631022	73,4904893	84,1747961

272	5,08702971	6,64141443	15,4328774	24,4795968	38,399475	73,6960582	84,4021156
273	5,11585447	6,67777465	15,5033205	24,5791496	38,5358308	73,9014445	84,6292115
274	5,14473628	6,71419991	15,5738257	24,678741	38,6721695	74,1066492	84,8560847
275	5,17367503	6,75069007	15,644393	24,7783709	38,8084913	74,311673	85,0827364
276	5,20267064	6,78724502	15,7150221	24,8780392	38,9447962	74,5165167	85,3091674
277	5,231723	6,82386463	15,7857129	24,9777458	39,0810843	74,7211812	85,5353788
278	5,26083202	6,86054878	15,8564653	25,0774905	39,2173556	74,9256672	85,7613716
279	5,28999761	6,89729736	15,927279	25,1772732	39,3536102	75,1299756	85,9871469
280	5,31921967	6,93411025	15,9981539	25,2770939	39,4898481	75,3341071	86,2127056
281	5,34849812	6,97098733	16,0690898	25,3769523	39,6260695	75,5380626	86,4380486
282	5,37783285	7,00792848	16,1400866	25,4768483	39,7622744	75,7418428	86,663177
283	5,40722378	7,04493359	16,2111441	25,5767819	39,8984628	75,9454484	86,8880917
284	5,43667082	7,08200254	16,2822621	25,676753	40,0346348	76,1488803	87,1127937
285	5,46617387	7,11913522	16,3534405	25,7767613	40,1707905	76,3521392	87,3372839
286	5,49573284	7,1563315	16,4246791	25,8768068	40,3069299	76,5552258	87,5615633
287	5,52534765	7,19359128	16,4959778	25,9768894	40,4430531	76,7581409	87,7856328
288	5,55501821	7,23091445	16,5673364	26,0770089	40,5791602	76,9608853	88,0094934
289	5,58474441	7,26830088	16,6387547	26,1771652	40,7152511	77,1634597	88,2331458
290	5,61452619	7,30575048	16,7102325	26,2773583	40,851326	77,3658648	88,4565912
291	5,64436344	7,34326312	16,7817698	26,377588	40,9873849	77,5681013	88,6798303
292	5,67425608	7,38083869	16,8533664	26,4778542	41,1234278	77,7701699	88,902864
293	5,70420403	7,41847709	16,9250221	26,5781568	41,2594549	77,9720714	89,1256933
294	5,73420719	7,45617821	16,9967367	26,6784956	41,3954662	78,1738065	89,3483191
295	5,76426548	7,49394193	17,0685101	26,7788707	41,5314617	78,3753759	89,5707422
296	5,79437881	7,53176815	17,1403422	26,8792817	41,6674415	78,5767803	89,7929634
297	5,8245471	7,56965675	17,2122328	26,9797287	41,8034057	78,7780203	90,0149837
298	5,85477027	7,60760764	17,2841818	27,0802116	41,9393542	78,9790967	90,236804
299	5,88504822	7,6456207	17,356189	27,1807302	42,0752872	79,1800101	90,4584249
300	5,91538087	7,68369583	17,4282542	27,2812844	42,2112048	79,3807612	90,6798475
301	5,94576814	7,72183292	17,5003773	27,3818741	42,3471068	79,5813507	90,9010726
302	5,97620995	7,76003186	17,5725582	27,4824993	42,4829935	79,7817792	91,1221009
303	6,00670621	7,79829256	17,6447968	27,5831597	42,6188649	79,9820475	91,3429333
304	6,03725684	7,8366149	17,7170928	27,6838553	42,754721	80,1821561	91,5635706
305	6,06786176	7,87499879	17,7894461	27,7845861	42,8905619	80,3821057	91,7840136
306	6,09852088	7,91344411	17,8618567	27,8853518	43,0263876	80,581897	92,0042632
307	6,12923412	7,95195077	17,9343242	27,9861525	43,1621981	80,7815306	92,2243201
308	6,16000141	7,99051866	18,0068487	28,0869879	43,2979936	80,9810072	92,4441852
309	6,19082266	8,02914769	18,07943	28,187858	43,4337741	81,1803273	92,6638592
310	6,22169779	8,06783774	18,1520679	28,2887627	43,5695396	81,3794917	92,8833429
311	6,25262672	8,10658873	18,2247623	28,3897019	43,7052902	81,5785008	93,1026371
312	6,28360937	8,14540054	18,297513	28,4906755	43,8410259	81,7773555	93,3217425
313	6,31464567	8,18427308	18,3703199	28,5916834	43,9767468	81,9760562	93,54066
314	6,34573552	8,22320625	18,4431829	28,6927255	44,1124529	82,1746035	93,7593902
315	6,37687886	8,26219995	18,5161019	28,7938016	44,2481443	82,3729981	93,977934
316	6,40807561	8,30125408	18,5890767	28,8949118	44,383821	82,5712407	94,1962921
317	6,43932569	8,34036855	18,6621071	28,9960559	44,5194831	82,7693317	94,4144652

318	6,47062901	8,37954326	18,7351931	29,0972338	44,6551306	82,9672717	94,6324541
319	6,50198551	8,4187781	18,8083345	29,1984454	44,7907636	83,1650615	94,8502595
320	6,53339511	8,45807298	18,8815312	29,2996906	44,9263821	83,3627015	95,0678822
321	6,56485772	8,49742782	18,954783	29,4009694	45,0619861	83,5601923	95,2853228
322	6,59637329	8,5368425	19,0280898	29,5022815	45,1975758	83,7575345	95,5025821
323	6,62794172	8,57631694	19,1014515	29,6036271	45,3331511	83,9547287	95,7196607
324	6,65956294	8,61585104	19,174868	29,7050058	45,4687121	84,1517754	95,9365595
325	6,69123688	8,6554447	19,248339	29,8064178	45,6042588	84,3486753	96,1532791
326	6,72296346	8,69509784	19,3218646	29,9078627	45,7397913	84,5454288	96,3698202
327	6,75474262	8,73481035	19,3954446	30,0093407	45,8753097	84,7420365	96,5861835
328	6,78657426	8,77458216	19,4690788	30,1108516	46,010814	84,9384991	96,8023697
329	6,81845833	8,81441315	19,5427671	30,2123952	46,1463041	85,1348169	97,0183795
330	6,85039475	8,85430325	19,6165095	30,3139715	46,2817803	85,3309907	97,2342135
331	6,88238344	8,89425235	19,6903057	30,4155805	46,4172424	85,5270208	97,4498724
332	6,91442433	8,93426037	19,7641556	30,517222	46,5526907	85,7229079	97,665357
333	6,94651736	8,97432722	19,8380592	30,6188959	46,688125	85,9186525	97,8806678
334	6,97866244	9,01445281	19,9120162	30,7206022	46,8235454	86,1142552	98,0958055
335	7,0108595	9,05463704	19,9860267	30,8223407	46,9589521	86,3097164	98,3107708
336	7,04310848	9,09487983	20,0600904	30,9241115	47,0943449	86,5050366	98,5255644
337	7,0754093	9,13518108	20,1342073	31,0259143	47,2297241	86,7002165	98,7401868
338	7,1077619	9,17554071	20,2083771	31,1277491	47,3650895	86,8952565	98,9546388
339	7,1401662	9,21595864	20,2825999	31,2296159	47,5004413	87,0901571	99,1689209
340	7,17262212	9,25643476	20,3568755	31,3315145	47,6357795	87,2849188	99,3830338
341	7,20512961	9,296969	20,4312037	31,4334448	47,7711042	87,4795422	99,5969781
342	7,23768859	9,33756126	20,5055844	31,5354068	47,9064153	87,6740277	99,8107545
343	7,270299	9,37821146	20,5800176	31,6374005	48,0417129	87,8683759	100,024364
344	7,30296075	9,41891952	20,6545032	31,7394256	48,1769971	88,0625872	100,237806
345	7,33567379	9,45968534	20,7290409	31,8414821	48,3122679	88,2566621	100,451082
346	7,36843805	9,50050884	20,8036307	31,94357	48,4475254	88,4506012	100,664193
347	7,40125345	9,54138994	20,8782724	32,0456892	48,5827695	88,6444049	100,877139
348	7,43411994	9,58232855	20,9529661	32,1478395	48,7180004	88,8380737	101,089921
349	7,46703743	9,62332458	21,0277114	32,250021	48,853218	89,0316081	101,302539
350	7,50000587	9,66437796	21,1025084	32,3522335	48,9884224	89,2250086	101,514994
351	7,53302519	9,70548859	21,1773569	32,4544769	49,1236136	89,4182756	101,727286
352	7,56609532	9,74665639	21,2522568	32,5567512	49,2587917	89,6114095	101,939417
353	7,5992162	9,78788129	21,3272081	32,6590562	49,3939568	89,804411	102,151386
354	7,63238775	9,82916319	21,4022105	32,761392	49,5291087	89,9972804	102,363194
355	7,66560992	9,87050202	21,4772639	32,8637584	49,6642477	90,1900182	102,574843
356	7,69888263	9,91189769	21,5523684	32,9661554	49,7993737	90,3826249	102,786331
357	7,73220582	9,95335012	21,6275237	33,0685828	49,9344868	90,5751009	102,997661
358	7,76557944	9,99485923	21,7027297	33,1710407	50,069587	90,7674467	103,208832
359	7,7990034	10,0364249	21,7779864	33,2735288	50,2046743	90,9596627	103,419846
360	7,83247765	10,0780472	21,8532937	33,3760473	50,3397488	91,1517494	103,630702
361	7,86600212	10,1197258	21,9286513	33,4785958	50,4748105	91,3437072	103,841401
362	7,89957675	10,1614609	22,0040593	33,5811745	50,6098595	91,5355366	104,051944
363	7,93320147	10,2032521	22,0795175	33,6837833	50,7448958	91,7272379	104,262331

364	7,96687622	10,2450996	22,1550258	33,7864219	50,8799194	91,9188117	104,472563
365	8,00060095	10,2870033	22,2305841	33,8890905	51,0149303	92,1102584	104,682641
366	8,03437557	10,3289629	22,3061923	33,9917888	51,1499287	92,3015785	104,892564
367	8,06820004	10,3709785	22,3818504	34,0945169	51,2849144	92,4927722	105,102334
368	8,10207429	10,41305	22,4575581	34,1972747	51,4198877	92,6838401	105,311951
369	8,13599826	10,4551773	22,5333154	34,300062	51,5548484	92,8747826	105,521415
370	8,16997188	10,4973604	22,6091222	34,4028788	51,6897967	93,0656002	105,730728
371	8,20399509	10,539599	22,6849784	34,5057251	51,8247326	93,2562931	105,939889
372	8,23806783	10,5818933	22,7608839	34,6086008	51,9596561	93,4468619	106,148899
373	8,27219005	10,624243	22,8368386	34,7115058	52,0945672	93,637307	106,357759
374	8,30636167	10,6666482	22,9128423	34,81444	52,229466	93,8276288	106,566469
375	8,34058264	10,7091087	22,9888951	34,9174033	52,3643525	94,0178276	106,775029
376	8,3748529	10,7516245	23,0649967	35,0203958	52,4992267	94,2079039	106,983441
377	8,40917239	10,7941955	23,1411471	35,1234173	52,6340887	94,3978581	107,191704
378	8,44354104	10,8368216	23,2173463	35,2264677	52,7689386	94,5876907	107,399819
379	8,4779588	10,8795027	23,293594	35,329547	52,9037762	94,7774019	107,607787
380	8,51242561	10,9222388	23,3698902	35,4326552	53,0386018	94,9669922	107,815608
381	8,54694141	10,9650298	23,4462348	35,5357921	53,1734153	95,156462	108,023283
382	8,58150613	11,0078757	23,5226277	35,6389577	53,3082167	95,3458117	108,230812
383	8,61611973	11,0507763	23,5990689	35,7421518	53,4430061	95,5350417	108,438195
384	8,65078213	11,0937315	23,6755581	35,8453746	53,5777835	95,7241523	108,645433
385	8,68549329	11,1367414	23,7520954	35,9486258	53,7125489	95,9131439	108,852527
386	8,72025314	11,1798057	23,8286806	36,0519055	53,8473024	96,102017	109,059477
387	8,75506163	11,2229246	23,9053136	36,1552135	53,982044	96,290772	109,266283
388	8,7899187	11,2660978	23,9819943	36,2585497	54,1167738	96,4794091	109,472947
389	8,82482428	11,3093253	24,0587227	36,3619142	54,2514917	96,6679287	109,679467
390	8,85977833	11,3526071	24,1354987	36,4653069	54,3861978	96,8563314	109,885846
391	8,89478079	11,3959431	24,2123221	36,5687276	54,5208922	97,0446173	110,092083
392	8,92983159	11,4393331	24,2891928	36,6721764	54,6555748	97,2327869	110,298179
393	8,96493069	11,4827772	24,3661108	36,7756531	54,7902457	97,4208406	110,504134
394	9,00007802	11,5262752	24,4430761	36,8791578	54,924905	97,6087787	110,709949
395	9,03527353	11,5698271	24,5200884	36,9826902	55,0595526	97,7966015	110,915623
396	9,07051717	11,6134329	24,5971477	37,0862505	55,1941886	97,9843095	111,121159
397	9,10580887	11,6570924	24,6742539	37,1898384	55,3288129	98,1719031	111,326556
398	9,14114858	11,7008055	24,7514069	37,293454	55,4634258	98,3593825	111,531814
399	9,17653625	11,7445723	24,8286067	37,3970972	55,5980271	98,5467481	111,736934
400	9,21197181	11,7883926	24,9058531	37,5007679	55,7326169	98,7340002	111,941916
401	9,24745522	11,8322664	24,983146	37,6044661	55,8671953	98,9211394	112,146761
402	9,28298643	11,8761936	25,0604854	37,7081917	56,0017622	99,1081657	112,35147
403	9,31856536	11,9201741	25,1378712	37,8119446	56,1363177	99,2950797	112,556042
404	9,35419198	11,9642079	25,2153033	37,9157248	56,2708619	99,4818817	112,760478
405	9,38986623	12,0082949	25,2927816	38,0195322	56,4053947	99,668572	112,964779
406	9,42558804	12,052435	25,370306	38,1233668	56,5399162	99,855151	113,168945
407	9,46135738	12,0966282	25,4478765	38,2272284	56,6744263	100,041619	113,372976
408	9,49717418	12,1408744	25,5254928	38,3311171	56,8089253	100,227976	113,576873
409	9,53303839	12,1851735	25,6031551	38,4350328	56,943413	100,414223	113,780636

410	9,56894995	12,2295255	25,6808631	38,5389754	57,0778895	100,60036	113,984266
411	9,60490882	12,2739303	25,7586168	38,6429449	57,2123548	100,786387	114,187763
412	9,64091495	12,3183878	25,8364161	38,7469412	57,346809	100,972305	114,391127
413	9,67696827	12,362898	25,9142609	38,8509642	57,481252	101,158114	114,594359
414	9,71306874	12,4074608	25,9921512	38,9550139	57,615684	101,343815	114,797459
415	9,7492163	12,4520762	26,0700868	39,0590902	57,7501049	101,529407	115,000429
416	9,7854109	12,496744	26,1480677	39,1631931	57,8845147	101,714891	115,203267
417	9,82165249	12,5414642	26,2260937	39,2673226	58,0189136	101,900267	115,405974
418	9,85794102	12,5862367	26,3041649	39,3714785	58,1533015	102,085536	115,608552
419	9,89427643	12,6310616	26,3822811	39,4756607	58,2876784	102,270697	115,811
420	9,93065867	12,6759386	26,4604422	39,5798694	58,4220444	102,455752	116,013318
421	9,9670877	12,7208678	26,5386482	39,6841043	58,5563994	102,640701	116,215508
422	10,0035635	12,7658491	26,616899	39,7883655	58,6907437	102,825544	116,417569
423	10,0400859	12,8108825	26,6951945	39,8926528	58,825077	103,01028	116,619501
424	10,076655	12,8559678	26,7735346	39,9969663	58,9593996	103,194912	116,821306
425	10,1132706	12,9011049	26,8519192	40,1013058	59,0937113	103,379438	117,022984
426	10,1499328	12,946294	26,9303483	40,2056713	59,2280123	103,563859	117,224534
427	10,1866415	12,9915348	27,0088218	40,3100628	59,3623026	103,748175	117,425958
428	10,2233965	13,0368273	27,0873396	40,4144802	59,4965821	103,932388	117,627256
429	10,260198	13,0821714	27,1659016	40,5189235	59,6308509	104,116496	117,828427
430	10,2970458	13,1275672	27,2445077	40,6233925	59,7651091	104,300501	118,029473
431	10,3339399	13,1730145	27,3231579	40,7278873	59,8993567	104,484402	118,230394
432	10,3708802	13,2185132	27,4018521	40,8324078	60,0335936	104,6682	118,43119
433	10,4078666	13,2640633	27,4805902	40,9369539	60,1678199	104,851896	118,631862
434	10,4448992	13,3096648	27,5593722	41,0415256	60,3020357	105,035489	118,83241
435	10,4819779	13,3553176	27,6381979	41,1461229	60,436241	105,21898	119,032834
436	10,5191026	13,4010216	27,7170672	41,2507456	60,5704357	105,402369	119,233134
437	10,5562734	13,4467768	27,7959802	41,3553937	60,7046199	105,585656	119,433312
438	10,59349	13,492583	27,8749367	41,4600672	60,8387937	105,768842	119,633367
439	10,6307525	13,5384403	27,9539367	41,5647661	60,972957	105,951927	119,8333
440	10,6680609	13,5843486	28,0329801	41,6694902	61,10711	106,134911	120,033111
441	10,7054151	13,6303079	28,1120667	41,7742395	61,2412525	106,317795	120,2328
442	10,742815	13,6763179	28,1911966	41,879014	61,3753847	106,500579	120,432368
443	10,7802606	13,7223788	28,2703696	41,9838136	61,5095065	106,683263	120,631815
444	10,8177518	13,7684905	28,3495858	42,0886383	61,6436181	106,865847	120,831142
445	10,8552887	13,8146528	28,4288449	42,1934879	61,7777193	107,048332	121,030348
446	10,8928711	13,8608657	28,5081469	42,2983626	61,9118103	107,230717	121,229435
447	10,930499	13,9071293	28,5874919	42,4032622	62,045891	107,413004	121,428402
448	10,9681723	13,9534433	28,6668796	42,5081866	62,1799615	107,595193	121,62725
449	11,0058911	13,9998078	28,74631	42,6131358	62,3140218	107,777283	121,825979
450	11,0436553	14,0462227	28,8257831	42,7181099	62,4480719	107,959275	122,024589
451	11,0814647	14,0926879	28,9052987	42,8231086	62,5821119	108,14117	122,223082
452	11,1193195	14,1392035	28,9848569	42,928132	62,7161417	108,322967	122,421457
453	11,1572194	14,1857692	29,0644574	43,03318	62,8501615	108,504667	122,619714
454	11,1951646	14,2323851	29,1441004	43,1382526	62,9841712	108,68627	122,817854
455	11,2331549	14,2790512	29,2237856	43,2433497	63,1181708	108,867777	123,015877

456	11,2711903	14,3257673	29,303513	43,3484713	63,2521604	109,049187	123,213784
457	11,3092707	14,3725334	29,3832826	43,4536173	63,3861399	109,230501	123,411574
458	11,3473961	14,4193494	29,4630942	43,5587877	63,5201095	109,411719	123,609249
459	11,3855665	14,4662153	29,5429479	43,6639824	63,6540691	109,592842	123,806808
460	11,4237818	14,5131311	29,6228435	43,7692015	63,7880188	109,773869	124,004252
461	11,4620419	14,5600966	29,7027809	43,8744447	63,9219585	109,954802	124,20158
462	11,5003469	14,6071119	29,7827602	43,9797121	64,0558884	110,135639	124,398795
463	11,5386966	14,6541768	29,8627812	44,0850037	64,1898084	110,316382	124,595895
464	11,5770911	14,7012914	29,9428438	44,1903194	64,3237185	110,497031	124,792881
465	11,6155303	14,7484555	30,0229481	44,2956591	64,4576188	110,677585	124,989753
466	11,6540141	14,7956691	30,1030939	44,4010228	64,5915092	110,858046	125,186512
467	11,6925425	14,8429321	30,1832811	44,5064105	64,7253899	111,038413	125,383159
468	11,7311154	14,8902446	30,2635097	44,6118221	64,8592608	111,218687	125,579692
469	11,7697329	14,9376063	30,3437796	44,7172576	64,993122	111,398868	125,776113
470	11,8083948	14,9850174	30,4240908	44,8227168	65,1269734	111,578956	125,972422
471	11,8471012	15,0324777	30,5044432	44,9281999	65,2608152	111,758952	126,168619
472	11,8858519	15,0799872	30,5848367	45,0337067	65,3946472	111,938855	126,364704
473	11,9246469	15,1275458	30,6652713	45,1392371	65,5284696	112,118666	126,560678
474	11,9634863	15,1751535	30,7457469	45,2447912	65,6622824	112,298385	126,756542
475	12,0023699	15,2228102	30,8262633	45,3503689	65,7960855	112,478013	126,952294
476	12,0412977	15,2705159	30,9068207	45,4559702	65,9298791	112,65755	127,147937
477	12,0802697	15,3182704	30,9874188	45,561595	66,063663	112,836995	127,343469
478	12,1192858	15,3660739	31,0680577	45,6672432	66,1974374	113,016349	127,538892
479	12,1583459	15,4139261	31,1487372	45,7729148	66,3312023	113,195613	127,734205
480	12,1974502	15,4618271	31,2294574	45,8786098	66,4649577	113,374786	127,929409
481	12,2365984	15,5097769	31,310218	45,9843282	66,5987035	113,55387	128,124504
482	12,2757905	15,5577752	31,3910192	46,0900698	66,7324399	113,732863	128,319491
483	12,3150266	15,6058222	31,4718607	46,1958347	66,8661669	113,911767	128,514369
484	12,3543065	15,6539177	31,5527426	46,3016228	66,9998844	114,090581	128,709139
485	12,3936303	15,7020617	31,6336648	46,407434	67,1335925	114,269305	128,903802
486	12,4329978	15,7502542	31,7146272	46,5132684	67,2672912	114,447941	129,098357
487	12,4724091	15,798495	31,7956297	46,6191258	67,4009805	114,626488	129,292804
488	12,5118641	15,8467842	31,8766724	46,7250063	67,5346604	114,804947	129,487145
489	12,5513627	15,8951217	31,9577551	46,8309097	67,6683311	114,983317	129,68138
490	12,590905	15,9435075	32,0388777	46,9368361	67,8019924	115,161599	129,875508
491	12,6304908	15,9919414	32,1200403	47,0427854	67,9356444	115,339793	130,06953
492	12,6701202	16,0404235	32,2012427	47,1487576	68,0692872	115,5179	130,263446
493	12,7097931	16,0889537	32,2824848	47,2547526	68,2029207	115,695919	130,457257
494	12,7495094	16,1375319	32,3637667	47,3607704	68,3365449	115,873851	130,650962
495	12,7892691	16,1861581	32,4450883	47,4668109	68,47016	116,051695	130,844563
496	12,8290723	16,2348322	32,5264495	47,5728741	68,6037658	116,229453	131,038058
497	12,8689187	16,2835543	32,6078502	47,6789599	68,7373625	116,407125	131,23145
498	12,9088085	16,3323241	32,6892904	47,7850684	68,87095	116,58471	131,424737
499	12,9487415	16,3811418	32,77077	47,8911995	69,0045284	116,762209	131,61792
500	12,9887177	16,4300072	32,8522889	47,9973531	69,1380977	116,939622	131,811
501	13,0287371	16,4789204	32,9338472	48,1035292	69,2716578	117,116949	132,003976

502	13,0687996	16,5278811	33,0154447	48,2097277	69,4052089	117,294191	132,196849
503	13,1089052	16,5768895	33,0970814	48,3159487	69,5387509	117,471348	132,389619
504	13,1490539	16,6259454	33,1787572	48,422192	69,6722838	117,648419	132,582287
505	13,1892456	16,6750488	33,2604721	48,5284577	69,8058078	117,825406	132,774852
506	13,2294803	16,7241997	33,342226	48,6347456	69,9393227	118,002308	132,967315
507	13,2697579	16,773398	33,4240188	48,7410559	70,0728286	118,179125	133,159677
508	13,3100784	16,8226436	33,5058505	48,8473883	70,2063256	118,355859	133,351936
509	13,3504418	16,8719366	33,587721	48,9537429	70,3398136	118,532508	133,544095
510	13,390848	16,9212768	33,6696303	49,0601197	70,4732926	118,709073	133,736152
511	13,431297	16,9706642	33,7515784	49,1665185	70,6067628	118,885555	133,928109
512	13,4717887	17,0200988	33,833565	49,2729395	70,7402241	119,061953	134,119965
513	13,5123231	17,0695806	33,9155903	49,3793824	70,8736764	119,238268	134,311721
514	13,5529002	17,1191094	33,9976541	49,4858473	71,0071199	119,4145	134,503376
515	13,59352	17,1686852	34,0797564	49,5923342	71,1405546	119,59065	134,694932
516	13,6341823	17,218308	34,1618972	49,698843	71,2739804	119,766716	134,886388
517	13,6748871	17,2679777	34,2440763	49,8053736	71,4073975	119,9427	135,077745
518	13,7156345	17,3176943	34,3262937	49,9119261	71,5408057	120,118602	135,269003
519	13,7564244	17,3674578	34,4085494	50,0185004	71,6742051	120,294422	135,460162
520	13,7972567	17,417268	34,4908432	50,1250964	71,8075958	120,470161	135,651222
521	13,8381314	17,4671251	34,5731753	50,2317142	71,9409778	120,645817	135,842184
522	13,8790485	17,5170288	34,6555454	50,3383536	72,074351	120,821392	136,033048
523	13,9200079	17,5669791	34,7379535	50,4450147	72,2077156	120,996886	136,223814
524	13,9610096	17,6169761	34,8203997	50,5516974	72,3410714	121,172299	136,414483
525	14,0020535	17,6670196	34,9028837	50,6584017	72,4744186	121,34763	136,605053
526	14,0431397	17,7171097	34,9854057	50,7651275	72,6077571	121,522882	136,795527
527	14,084268	17,7672462	35,0679654	50,8718748	72,741087	121,698052	136,985904
528	14,1254385	17,8174292	35,1505629	50,9786436	72,8744082	121,873143	137,176184
529	14,166651	17,8676585	35,2331981	51,0854337	73,0077209	122,048153	137,366368
530	14,2079057	17,9179342	35,315871	51,1922453	73,141025	122,223084	137,556455
531	14,2492024	17,9682562	35,3985815	51,2990783	73,2743205	122,397934	137,746446
532	14,2905411	18,0186244	35,4813295	51,4059325	73,4076074	122,572705	137,936342
533	14,3319217	18,0690389	35,564115	51,512808	73,5408858	122,747397	138,126142
534	14,3733443	18,1194995	35,6469379	51,6197048	73,6741557	122,92201	138,315847
535	14,4148087	18,1700062	35,7297983	51,7266228	73,8074171	123,096543	138,505456
536	14,456315	18,2205589	35,8126959	51,833562	73,94067	123,270998	138,694971
537	14,4978631	18,2711578	35,8956309	51,9405223	74,0739144	123,445374	138,884391
538	14,539453	18,3218026	35,9786031	52,0475037	74,2071504	123,619672	139,073716
539	14,5810847	18,3724933	36,0616124	52,1545061	74,3403779	123,793892	139,262948
540	14,622758	18,4232299	36,1446589	52,2615297	74,4735971	123,968033	139,452085
541	14,664473	18,4740124	36,2277424	52,3685742	74,6068078	124,142096	139,641129
542	14,7062297	18,5248407	36,310863	52,4756396	74,7400101	124,316082	139,830079
543	14,7480279	18,5757148	36,3940205	52,582726	74,873204	124,48999	140,018935
544	14,7898678	18,6266346	36,4772149	52,6898333	75,0063896	124,663821	140,207699
545	14,8317491	18,6776	36,5604462	52,7969615	75,1395669	124,837575	140,39637
546	14,873672	18,7286111	36,6437143	52,9041105	75,2727358	125,011252	140,584948
547	14,9156363	18,7796678	36,7270192	53,0112803	75,4058964	125,184851	140,773433

548	14,957642	18,8307701	36,8103608	53,1184708	75,5390487	125,358375	140,961827
549	14,9996891	18,8819178	36,893739	53,2256821	75,6721928	125,531821	141,150128
550	15,0417776	18,9331111	36,9771539	53,332914	75,8053285	125,705192	141,338337
551	15,0839074	18,9843497	37,0606053	53,4401666	75,9384561	125,878486	141,526455
552	15,1260785	19,0356337	37,1440932	53,5474399	76,0715754	126,051704	141,714482
553	15,1682908	19,0869631	37,2276175	53,6547337	76,2046864	126,224847	141,902417
554	15,2105444	19,1383378	37,3111783	53,7620481	76,3377893	126,397913	142,090261
555	15,2528392	19,1897577	37,3947754	53,869383	76,470884	126,570905	142,278014
556	15,295175	19,2412229	37,4784089	53,9767384	76,6039705	126,743821	142,465677
557	15,3375521	19,2927332	37,5620786	54,0841143	76,7370489	126,916662	142,65325
558	15,3799702	19,3442886	37,6457845	54,1915106	76,8701191	127,089428	142,840732
559	15,4224293	19,3958891	37,7295265	54,2989272	77,0031812	127,262119	143,028125
560	15,4649294	19,4475347	37,8133047	54,4063643	77,1362352	127,434735	143,215427
561	15,5074706	19,4992253	37,8971189	54,5138216	77,2692811	127,607277	143,402641
562	15,5500527	19,5509609	37,9809692	54,6212993	77,4023189	127,779745	143,589764
563	15,5926757	19,6027413	38,0648554	54,7287972	77,5353487	127,952139	143,776799
564	15,6353395	19,6545667	38,1487775	54,8363154	77,6683704	128,124459	143,963745
565	15,6780443	19,7064369	38,2327355	54,9438537	77,801384	128,296704	144,150602
566	15,7207898	19,7583519	38,3167293	55,0514123	77,9343897	128,468877	144,33737
567	15,7635761	19,8103117	38,4007589	55,1589909	78,0673873	128,640975	144,52405
568	15,8064032	19,8623162	38,4848242	55,2665897	78,2003769	128,813001	144,710642
569	15,8492709	19,9143654	38,5689251	55,3742085	78,3333586	128,984953	144,897146
570	15,8921794	19,9664592	38,6530617	55,4818474	78,4663323	129,156832	145,083562
571	15,9351285	20,0185976	38,7372339	55,5895063	78,599298	129,328639	145,269891
572	15,9781182	20,0707806	38,8214416	55,6971851	78,7322559	129,500373	145,456132
573	16,0211485	20,1230081	38,9056848	55,8048839	78,8652058	129,672034	145,642287
574	16,0642194	20,1752801	38,9899634	55,9126026	78,9981478	129,843623	145,828354
575	16,1073307	20,2275965	39,0742775	56,0203412	79,1310819	130,015139	146,014334
576	16,1504826	20,2799573	39,1586268	56,1280997	79,2640081	130,186584	146,200228
577	16,1936749	20,3323625	39,2430115	56,235878	79,3969264	130,357957	146,386035
578	16,2369076	20,384812	39,3274314	56,343676	79,5298369	130,529257	146,571757
579	16,2801807	20,4373058	39,4118865	56,4514939	79,6627396	130,700487	146,757392
580	16,3234942	20,4898438	39,4963768	56,5593314	79,7956345	130,871645	146,942941
581	16,366848	20,5424261	39,5809022	56,6671887	79,9285215	131,042731	147,128405
582	16,4102421	20,5950525	39,6654627	56,7750656	80,0614008	131,213747	147,313783
583	16,4536764	20,647723	39,7500582	56,8829622	80,1942723	131,384691	147,499076
584	16,497151	20,7004376	39,8346886	56,9908783	80,327136	131,555565	147,684284
585	16,5406657	20,7531963	39,919354	57,0988141	80,4599919	131,726368	147,869407
586	16,5842207	20,805999	40,0040543	57,2067694	80,5928402	131,8971	148,054445
587	16,6278157	20,8588456	40,0887894	57,3147442	80,7256807	132,067762	148,239399
588	16,6714509	20,9117362	40,1735593	57,4227385	80,8585134	132,238354	148,424268
589	16,7151261	20,9646707	40,2583639	57,5307523	80,9913385	132,408876	148,609053
590	16,7588414	21,0176491	40,3432033	57,6387855	81,1241559	132,579328	148,793754
591	16,8025967	21,0706712	40,4280773	57,7468381	81,2569657	132,74971	148,978372
592	16,846392	21,1237372	40,512986	57,8549101	81,3897678	132,920022	149,162905
593	16,8902272	21,1768469	40,5979292	57,9630014	81,5225622	133,090265	149,347356

594	16,9341023	21,2300003	40,6829069	58,0711112	81,655349	133,260439	149,531723
595	16,9780173	21,2831973	40,7679191	58,179242	81,7881282	133,430543	149,716006
596	17,0219721	21,336438	40,8529658	58,2873911	81,9208998	133,600578	149,900207
597	17,0659668	21,3897223	40,9380468	58,3955595	82,0536638	133,770545	150,084326
598	17,1100013	21,4430502	41,0231622	58,5037471	82,1864202	133,940442	150,268361
599	17,1540755	21,4964215	41,1083119	58,6119539	82,319169	134,110271	150,452315
600	17,1981895	21,5498364	41,1934959	58,7201798	82,4519103	134,280032	150,636186
601	17,2423431	21,6032947	41,2787141	58,8284248	82,5846441	134,449724	150,819975
602	17,2865365	21,6567964	41,3639665	58,9366889	82,7173703	134,619348	151,003682
603	17,3307694	21,7103414	41,449253	59,0449721	82,8500891	134,788904	151,187307
604	17,375042	21,7639299	41,5345736	59,1532742	82,9828003	134,958391	151,370851
605	17,4193542	21,8175616	41,6199282	59,2615954	83,115504	135,127812	151,554314
606	17,4637059	21,8712365	41,7053169	59,3699356	83,2482003	135,297164	151,737695
607	17,5080971	21,9249547	41,7907395	59,4782947	83,3808891	135,466449	151,920995
608	17,5525278	21,9787161	41,876196	59,5866727	83,5135705	135,635667	152,104215
609	17,5969979	22,0325206	41,9616865	59,6950696	83,6462444	135,804817	152,287354
610	17,6415075	22,0863682	42,0472107	59,8034853	83,7789109	135,9739	152,470412
611	17,6860565	22,1402589	42,1327688	59,9119199	83,91157	136,142917	152,65339
612	17,7306449	22,1941927	42,2183605	60,0203733	84,0442217	136,311866	152,836288
613	17,7752726	22,2481695	42,3039861	60,1288454	84,176866	136,480749	153,019106
614	17,8199396	22,3021892	42,3896452	60,2373363	84,3095029	136,649565	153,201844
615	17,8646459	22,3562519	42,475338	60,345846	84,4421325	136,818315	153,384502
616	17,9093914	22,4103574	42,5610644	60,4543743	84,5747547	136,986998	153,567081
617	17,9541762	22,4645058	42,6468244	60,5629213	84,7073696	137,155616	153,74958
618	17,9990001	22,5186971	42,7326178	60,6714869	84,8399772	137,324167	153,932
619	18,0438633	22,5729311	42,8184447	60,7800712	84,9725775	137,492653	154,114341
620	18,0887655	22,6272079	42,904305	60,888674	85,1051704	137,661073	154,296604
621	18,1337069	22,6815275	42,9901987	60,9972954	85,2377561	137,829427	154,478787
622	18,1786873	22,7358897	43,0761257	61,1059353	85,3703345	137,997715	154,660892
623	18,2237068	22,7902945	43,1620861	61,2145938	85,5029056	138,165939	154,842919
624	18,2687653	22,844742	43,2480797	61,3232707	85,6354695	138,334097	155,024867
625	18,3138628	22,8992321	43,3341065	61,4319661	85,7680262	138,50219	155,206738
626	18,3589992	22,9537647	43,4201665	61,5406798	85,9005756	138,670217	155,38853
627	18,4041746	23,0083398	43,5062596	61,649412	86,0331178	138,838181	155,570245
628	18,4493889	23,0629574	43,5923858	61,7581626	86,1656528	139,006079	155,751882
629	18,494642	23,1176174	43,6785451	61,8669315	86,2981806	139,173913	155,933442
630	18,539934	23,1723198	43,7647374	61,9757188	86,4307012	139,341682	156,114924
631	18,5852648	23,2270646	43,8509627	62,0845243	86,5632147	139,509387	156,296329
632	18,6306344	23,2818518	43,9372209	62,1933481	86,695721	139,677028	156,477658
633	18,6760428	23,3366812	44,023512	62,3021901	86,8282202	139,844605	156,658909
634	18,7214899	23,3915529	44,1098359	62,4110504	86,9607122	140,012118	156,840084
635	18,7669757	23,4464669	44,1961927	62,5199289	87,0931971	140,179567	157,021182
636	18,8125002	23,501423	44,2825823	62,6288255	87,2256749	140,346952	157,202204
637	18,8580633	23,5564214	44,3690046	62,7377402	87,3581457	140,514274	157,38315
638	18,9036651	23,6114618	44,4554596	62,8466731	87,4906093	140,681532	157,56402
639	18,9493054	23,6665444	44,5419472	62,9556241	87,6230658	140,848727	157,744814

640	18,9949843	23,721669	44,6284675	63,0645931	87,7555153	141,015859	157,925532
641	19,0407018	23,7768356	44,7150204	63,1735802	87,8879578	141,182927	158,106174
642	19,0864577	23,8320443	44,8016058	63,2825853	88,0203931	141,349933	158,286741
643	19,1322522	23,8872949	44,8882237	63,3916084	88,1528215	141,516876	158,467233
644	19,1780851	23,9425874	44,9748741	63,5006494	88,2852429	141,683756	158,64765
645	19,2239564	23,9979219	45,061557	63,6097084	88,4176572	141,850573	158,827991
646	19,2698661	24,0532982	45,1482722	63,7187853	88,5500646	142,017328	159,008258
647	19,3158142	24,1087163	45,2350198	63,8278801	88,6824649	142,184021	159,18845
648	19,3618007	24,1641762	45,3217996	63,9369928	88,8148583	142,350651	159,368567
649	19,4078254	24,2196779	45,4086118	64,0461233	88,9472447	142,51722	159,54861
650	19,4538885	24,2752214	45,4954562	64,1552716	89,0796242	142,683726	159,728579
651	19,4999898	24,3308065	45,5823328	64,2644377	89,2119968	142,850171	159,908474
652	19,5461293	24,3864333	45,6692416	64,3736216	89,3443624	143,016553	160,088294
653	19,5923071	24,4421017	45,7561825	64,4828232	89,4767211	143,182874	160,268041
654	19,638523	24,4978118	45,8431555	64,5920425	89,6090729	143,349134	160,447714
655	19,6847771	24,5535634	45,9301606	64,7012796	89,7414178	143,515332	160,627314
656	19,7310693	24,6093565	46,0171977	64,8105343	89,8737558	143,681469	160,80684
657	19,7773997	24,6651911	46,1042667	64,9198066	90,0060869	143,847544	160,986293
658	19,8237681	24,7210672	46,1913677	65,0290966	90,1384112	144,013559	161,165673
659	19,8701745	24,7769848	46,2785006	65,1384042	90,2707286	144,179512	161,344979
660	19,916619	24,8329437	46,3656654	65,2477293	90,4030392	144,345405	161,524213
661	19,9631014	24,8889441	46,452862	65,357072	90,5353429	144,511237	161,703375
662	20,0096219	24,9449857	46,5400904	65,4664322	90,6676399	144,677009	161,882463
663	20,0561803	25,0010687	46,6273506	65,5758099	90,79993	144,84272	162,061479
664	20,1027765	25,057193	46,7146424	65,6852051	90,9322133	145,00837	162,240423
665	20,1494107	25,1133585	46,801966	65,7946178	91,0644899	145,17396	162,419295
666	20,1960828	25,1695652	46,8893212	65,9040479	91,1967596	145,339491	162,598095
667	20,2427927	25,2258131	46,9767081	66,0134954	91,3290226	145,504961	162,776823
668	20,2895404	25,2821022	47,0641265	66,1229603	91,4612788	145,670371	162,955479
669	20,3363258	25,3384324	47,1515764	66,2324425	91,5935283	145,835721	163,134063
670	20,3831491	25,3948036	47,2390579	66,3419421	91,7257711	146,001012	163,312576
671	20,43001	25,451216	47,3265708	66,451459	91,8580071	146,166243	163,491018
672	20,4769087	25,5076693	47,4141152	66,5609932	91,9902364	146,331414	163,669389
673	20,5238451	25,5641636	47,501691	66,6705447	92,122459	146,496527	163,847688
674	20,5708191	25,6206989	47,5892981	66,7801134	92,254675	146,661579	164,025917
675	20,6178308	25,6772752	47,6769366	66,8896993	92,3868842	146,826573	164,204074
676	20,66488	25,7338923	47,7646063	66,9993025	92,5190867	146,991508	164,382161
677	20,7119668	25,7905503	47,8523074	67,1089228	92,6512826	147,156384	164,560178
678	20,7590912	25,8472492	47,9400396	67,2185603	92,7834719	147,321201	164,738124
679	20,8062531	25,9039888	48,027803	67,3282149	92,9156545	147,485959	164,916
680	20,8534526	25,9607693	48,1155976	67,4378866	93,0478304	147,650658	165,093806
681	20,9006894	26,0175905	48,2034233	67,5475754	93,1799998	147,8153	165,271541
682	20,9479638	26,0744523	48,2912801	67,6572813	93,3121625	147,979882	165,449207
683	20,9952756	26,1313549	48,379168	67,7670042	93,4443186	148,144407	165,626803
684	21,0426247	26,1882982	48,4670868	67,8767441	93,5764682	148,308873	165,80433
685	21,0900113	26,245282	48,5550367	67,9865011	93,7086111	148,473281	165,981787

686	21,1374352	26,3023065	48,6430174	68,096275	93,8407475	148,637631	166,159175
687	21,1848964	26,3593715	48,7310291	68,2060658	93,9728773	148,801923	166,336493
688	21,2323949	26,4164771	48,8190717	68,3158736	94,1050006	148,966158	166,513742
689	21,2799307	26,4736231	48,9071451	68,4256983	94,2371173	149,130335	166,690923
690	21,3275038	26,5308096	48,9952494	68,5355399	94,3692275	149,294454	166,868034
691	21,3751114	26,5880366	49,0833844	68,6453984	94,5013312	149,458516	167,045077
692	21,4227615	26,645304	49,1715501	68,7552737	94,6334283	149,62252	167,222051
693	21,4704462	26,7026118	49,2597466	68,8651659	94,765519	149,786467	167,398957
694	21,518168	26,7599599	49,3479737	68,9750748	94,8976031	149,950357	167,575794
695	21,5659269	26,8173483	49,4362315	69,0850005	95,0296808	150,11419	167,752563
696	21,6137229	26,8747771	49,5245199	69,194943	95,161752	150,277966	167,929264
697	21,6615561	26,9322461	49,6128388	69,3049022	95,2938167	150,441686	168,105897
698	21,7094262	26,9897553	49,7011883	69,4148781	95,425875	150,605348	168,282462
699	21,7573334	27,0473047	49,7895684	69,5248707	95,5579268	150,768954	168,45896
700	21,8052776	27,1048944	49,8779788	69,63488	95,6899722	150,932503	168,63539
701	21,8532588	27,1625241	49,9664198	69,744906	95,8220111	151,095996	168,811752
702	21,9012769	27,220194	50,0548911	69,8549485	95,9540437	151,259432	168,988047
703	21,949332	27,277904	50,1433928	69,9650077	96,0860698	151,422813	169,164275
704	21,997424	27,335654	50,2319249	70,0750835	96,2180895	151,586137	169,340436
705	22,0455528	27,393444	50,3204872	70,1851758	96,3501029	151,749405	169,516529
706	22,0937186	27,4512741	50,4090799	70,2952847	96,4821098	151,912617	169,692556
707	22,1419211	27,5091441	50,4977028	70,4054101	96,6141104	152,075773	169,868516
708	22,1901605	27,5670541	50,5863559	70,515552	96,7461047	152,238874	170,04441
709	22,2384366	27,625004	50,6750392	70,6257104	96,8780925	152,401918	170,220236
710	22,2867495	27,6829937	50,7637526	70,7358853	97,0100741	152,564908	170,395997
711	22,3350992	27,7410234	50,8524962	70,8460766	97,1420493	152,727842	170,571691
712	22,3834856	27,7990928	50,9412698	70,9562843	97,2740182	152,89072	170,747319
713	22,4319086	27,8572021	51,0300735	71,0665084	97,4059807	153,053543	170,922881
714	22,4803683	27,9153511	51,1189072	71,1767489	97,537937	153,216311	171,098377
715	22,5288647	27,9735398	51,2077709	71,2870058	97,6698869	153,379024	171,273808
716	22,5773977	28,0317683	51,2966645	71,3972789	97,8018306	153,541682	171,449172
717	22,6259673	28,0900365	51,3855881	71,5075685	97,933768	153,704285	171,624471
718	22,6745735	28,1483443	51,4745416	71,6178743	98,0656991	153,866834	171,799705
719	22,7232162	28,2066917	51,5635249	71,7281964	98,197624	154,029327	171,974873
720	22,7718954	28,2650787	51,6525381	71,8385347	98,3295426	154,191767	172,149976
721	22,8206112	28,3235053	51,741581	71,9488893	98,461455	154,354151	172,325014
722	22,8693634	28,3819715	51,8306537	72,0592601	98,5933611	154,516481	172,499987
723	22,9181521	28,4404771	51,9197562	72,1696471	98,725261	154,678757	172,674895
724	22,9669772	28,4990223	52,0088884	72,2800502	98,8571547	154,840979	172,849738
725	23,0158387	28,5576069	52,0980502	72,3904696	98,9890422	155,003146	173,024517
726	23,0647367	28,6162309	52,1872417	72,500905	99,1209235	155,16526	173,199231
727	23,1136709	28,6748944	52,2764628	72,6113566	99,2527986	155,327319	173,37388
728	23,1626416	28,7335972	52,3657135	72,7218243	99,3846675	155,489325	173,548466
729	23,2116485	28,7923394	52,4549937	72,8323081	99,5165302	155,651277	173,722987
730	23,2606918	28,8511209	52,5443034	72,9428079	99,6483868	155,813175	173,897444
731	23,3097713	28,9099416	52,6336426	73,0533237	99,7802373	155,97502	174,071837

732	23,358887	28,9688017	52,7230113	73,1638556	99,9120815	156,136811	174,246166
733	23,408039	29,027701	52,8124094	73,2744035	100,04392	156,298548	174,420431
734	23,4572272	29,0866395	52,9018369	73,3849673	100,175752	156,460233	174,594633
735	23,5064516	29,1456171	52,9912938	73,4955471	100,307578	156,621864	174,768771
736	23,5557121	29,204634	53,08078	73,6061429	100,439397	156,783442	174,942846
737	23,6050088	29,2636899	53,1702955	73,7167545	100,571211	156,944967	175,116857
738	23,6543416	29,322785	53,2598403	73,8273821	100,703019	157,10644	175,290806
739	23,7037104	29,3819191	53,3494144	73,9380256	100,83482	157,267859	175,464691
740	23,7531154	29,4410923	53,4390176	74,0486849	100,966616	157,429225	175,638513
741	23,8025564	29,5003045	53,52865	74,15936	101,098405	157,590539	175,812272
742	23,8520334	29,5595557	53,6183116	74,270051	101,230188	157,7518	175,985968
743	23,9015464	29,6188458	53,7080024	74,3807578	101,361966	157,913009	176,159602
744	23,9510954	29,6781749	53,7977222	74,4914804	101,493737	158,074166	176,333173
745	24,0006803	29,7375429	53,887471	74,6022187	101,625502	158,23527	176,506682
746	24,0503012	29,7969498	53,9772489	74,7129728	101,757261	158,396321	176,680128
747	24,099958	29,8563956	54,0670559	74,8237427	101,889014	158,557321	176,853512
748	24,1496507	29,9158802	54,1568918	74,9345282	102,020761	158,718268	177,026834
749	24,1993793	29,9754036	54,2467566	75,0453294	102,152502	158,879164	177,200094
750	24,2491437	30,0349657	54,3366504	75,1561463	102,284238	159,040008	177,373292
751	24,2989439	30,0945666	54,426573	75,2669789	102,415967	159,2008	177,546428
752	24,3487799	30,1542063	54,5165245	75,3778271	102,54769	159,36154	177,719503
753	24,3986517	30,2138846	54,6065049	75,4886909	102,679407	159,522228	177,892516
754	24,4485593	30,2736016	54,696514	75,5995703	102,811118	159,682865	178,065467
755	24,4985026	30,3333573	54,7865519	75,7104653	102,942824	159,843451	178,238357
756	24,5484816	30,3931516	54,8766186	75,8213759	103,074523	160,003985	178,411186
757	24,5984964	30,4529845	54,966714	75,932302	103,206216	160,164468	178,583953
758	24,6485467	30,5128559	55,056838	76,0432436	103,337904	160,324899	178,756659
759	24,6986328	30,5727659	55,1469907	76,1542007	103,469585	160,48528	178,929304
760	24,7487544	30,6327144	55,2371721	76,2651733	103,601261	160,645609	179,101889
761	24,7989117	30,6927014	55,327382	76,3761614	103,732931	160,805887	179,274412
762	24,8491046	30,7527269	55,4176206	76,487165	103,864595	160,966115	179,446875
763	24,899333	30,8127908	55,5078876	76,5981839	103,996253	161,126292	179,619278
764	24,9495969	30,8728931	55,5981832	76,7092183	104,127905	161,286418	179,791619
765	24,9998964	30,9330338	55,6885073	76,8202681	104,259551	161,446493	179,963901
766	25,0502314	30,9932128	55,7788598	76,9313333	104,391191	161,606518	180,136122
767	25,1006019	31,0534302	55,8692407	77,0424138	104,522826	161,766493	180,308283
768	25,1510078	31,1136859	55,9596501	77,1535097	104,654454	161,926417	180,480383
769	25,2014491	31,1739799	56,0500878	77,2646209	104,786077	162,08629	180,652424
770	25,2519259	31,2343122	56,1405539	77,3757475	104,917694	162,246114	180,824405
771	25,302438	31,2946826	56,2310483	77,4868893	105,049305	162,405887	180,996326
772	25,3529856	31,3550913	56,321571	77,5980463	105,180911	162,56561	181,168188
773	25,4035684	31,4155382	56,4121219	77,7092187	105,31251	162,725284	181,339989
774	25,4541867	31,4760232	56,5027011	77,8204063	105,444104	162,884907	181,511732
775	25,5048402	31,5365464	56,5933085	77,931609	105,575692	163,044481	181,683415
776	25,555529	31,5971077	56,683944	78,042827	105,707274	163,204005	181,855038
777	25,6062531	31,657707	56,7746077	78,1540602	105,83885	163,363479	182,026602

778	25,6570124	31,7183444	56,8652996	78,2653086	105,970421	163,522903	182,198108
779	25,7078069	31,7790198	56,9560195	78,3765721	106,101986	163,682278	182,369554
780	25,7586367	31,8397333	57,0467675	78,4878507	106,233545	163,841604	182,540941
781	25,8095016	31,9004847	57,1375436	78,5991445	106,365098	164,00088	182,71227
782	25,8604017	31,9612741	57,2283476	78,7104533	106,496646	164,160107	182,883539
783	25,9113369	32,0221014	57,3191797	78,8217772	106,628188	164,319285	183,05475
784	25,9623073	32,0829666	57,4100397	78,9331162	106,759724	164,478414	183,225903
785	26,0133127	32,1438697	57,5009276	79,0444703	106,891254	164,637494	183,396997
786	26,0643533	32,2048107	57,5918435	79,1558393	107,022779	164,796525	183,568033
787	26,1154289	32,2657895	57,6827872	79,2672234	107,154298	164,955506	183,73901
788	26,1665395	32,3268061	57,7737588	79,3786225	107,285811	165,114439	183,90993
789	26,2176851	32,3878605	57,8647582	79,4900366	107,417319	165,273324	184,080791
790	26,2688658	32,4489526	57,9557854	79,6014656	107,548821	165,43216	184,251594
791	26,3200814	32,5100825	58,0468404	79,7129095	107,680317	165,590947	184,422339
792	26,371332	32,5712501	58,1379231	79,8243684	107,811808	165,749685	184,593027
793	26,4226175	32,6324553	58,2290335	79,9358422	107,943293	165,908376	184,763657
794	26,473938	32,6936983	58,3201716	80,0473309	108,074772	166,067017	184,934229
795	26,5252933	32,7549789	58,4113374	80,1588345	108,206246	166,225611	185,104744
796	26,5766835	32,816297	58,5025309	80,2703529	108,337714	166,384157	185,275201
797	26,6281086	32,8776528	58,5937519	80,3818862	108,469176	166,542654	185,445601
798	26,6795685	32,9390461	58,6850006	80,4934343	108,600633	166,701103	185,615944
799	26,7310632	33,000477	58,7762768	80,6049972	108,732084	166,859504	185,786229
800	26,7825927	33,0619454	58,8675805	80,7165749	108,86353	167,017858	185,956458
801	26,834157	33,1234513	58,9589117	80,8281674	108,994969	167,176163	186,126629
802	26,8857561	33,1849947	59,0502704	80,9397746	109,126404	167,334421	186,296744
803	26,9373899	33,2465755	59,1416566	81,0513966	109,257833	167,492631	186,466802
804	26,9890584	33,3081937	59,2330702	81,1630333	109,389256	167,650794	186,636803
805	27,0407615	33,3698493	59,3245112	81,2746848	109,520674	167,808909	186,806748
806	27,0924994	33,4315423	59,4159796	81,3863509	109,652086	167,966977	186,976636
807	27,1442719	33,4932726	59,5074754	81,4980317	109,783492	168,124997	187,146467
808	27,1960791	33,5550403	59,5989984	81,6097272	109,914893	168,28297	187,316243
809	27,2479209	33,6168452	59,6905488	81,7214373	110,046289	168,440895	187,485962
810	27,2997973	33,6786875	59,7821264	81,833162	110,177678	168,598774	187,655625
811	27,3517082	33,740567	59,8737313	81,9449014	110,309063	168,756605	187,825231
812	27,4036537	33,8024837	59,9653635	82,0566553	110,440442	168,91439	187,994782
813	27,4556338	33,8644376	60,0570228	82,1684239	110,571815	169,072127	188,164277
814	27,5076484	33,9264287	60,1487093	82,280207	110,703183	169,229818	188,333716
815	27,5596974	33,988457	60,2404229	82,3920046	110,834545	169,387462	188,503099
816	27,611781	34,0505224	60,3321637	82,5038168	110,965902	169,545059	188,672427
817	27,663899	34,112625	60,4239315	82,6156435	111,097253	169,702609	188,841699
818	27,7160514	34,1747646	60,5157265	82,7274847	111,228599	169,860113	189,010916
819	27,7682383	34,2369413	60,6075484	82,8393404	111,35994	170,01757	189,180077
820	27,8204596	34,299155	60,6993975	82,9512106	111,491275	170,174981	189,349183
821	27,8727152	34,3614058	60,7912735	83,0630952	111,622604	170,332346	189,518233
822	27,9250053	34,4236935	60,8831764	83,1749942	111,753928	170,489664	189,687229
823	27,9773296	34,4860182	60,9751063	83,2869077	111,885247	170,646936	189,85617

824	28,0296883	34,5483799	61,0670632	83,3988356	112,01656	170,804162	190,025055
825	28,0820813	34,6107785	61,1590469	83,5107779	112,147868	170,961341	190,193886
826	28,1345086	34,673214	61,2510575	83,6227345	112,27917	171,118475	190,362662
827	28,1869701	34,7356864	61,343095	83,7347055	112,410467	171,275563	190,531383
828	28,2394659	34,7981957	61,4351593	83,8466909	112,541758	171,432605	190,70005
829	28,291996	34,8607418	61,5272504	83,9586906	112,673045	171,589601	190,868662
830	28,3445602	34,9233247	61,6193682	84,0707046	112,804325	171,746551	191,037219
831	28,3971586	34,9859444	61,7115128	84,1827329	112,935601	171,903455	191,205722
832	28,4497912	35,0486008	61,8036842	84,2947755	113,06687	172,060314	191,374171
833	28,502458	35,111294	61,8958822	84,4068323	113,198135	172,217128	191,542566
834	28,5551589	35,174024	61,9881069	84,5189034	113,329394	172,373896	191,710907
835	28,6078939	35,2367906	62,0803583	84,6309888	113,460648	172,530618	191,879193
836	28,660663	35,2995939	62,1726363	84,7430884	113,591896	172,687295	192,047426
837	28,7134661	35,3624339	62,2649409	84,8552021	113,723139	172,843927	192,215605
838	28,7663034	35,4253105	62,3572721	84,9673301	113,854377	173,000514	192,383729
839	28,8191747	35,4882237	62,4496298	85,0794722	113,98561	173,157056	192,551801
840	28,87208	35,5511735	62,5420141	85,1916286	114,116837	173,313552	192,719818
841	28,9250193	35,6141599	62,6344248	85,303799	114,248059	173,470004	192,887782
842	28,9779926	35,6771828	62,7268621	85,4159836	114,379275	173,62641	193,055693
843	29,0309998	35,7402423	62,8193258	85,5281823	114,510486	173,782772	193,22355
844	29,084041	35,8033382	62,911816	85,6403951	114,641692	173,939089	193,391354
845	29,1371162	35,8664706	63,0043325	85,752622	114,772893	174,095361	193,559104
846	29,1902252	35,9296395	63,0968755	85,8648629	114,904088	174,251588	193,726802
847	29,2433681	35,9928448	63,1894448	85,977118	115,035278	174,407771	193,894446
848	29,296545	36,0560865	63,2820405	86,089387	115,166462	174,563909	194,062038
849	29,3497556	36,1193646	63,3746625	86,2016701	115,297642	174,720003	194,229576
850	29,4030001	36,1826791	63,4673107	86,3139672	115,428816	174,876052	194,397062
851	29,4562784	36,2460299	63,5599853	86,4262783	115,559985	175,032057	194,564494
852	29,5095906	36,3094171	63,6526861	86,5386034	115,691149	175,188018	194,731875
853	29,5629365	36,3728405	63,7454131	86,6509424	115,822307	175,343935	194,899202
854	29,6163161	36,4363003	63,8381663	86,7632954	115,95346	175,499807	195,066477
855	29,6697295	36,4997963	63,9309457	86,8756624	116,084608	175,655635	195,2337
856	29,7231767	36,5633285	64,0237513	86,9880432	116,215751	175,81142	195,40087
857	29,7766575	36,6268969	64,1165829	87,100438	116,346888	175,96716	195,567988
858	29,8301721	36,6905016	64,2094407	87,2128467	116,478021	176,122856	195,735054
859	29,8837203	36,7541424	64,3023246	87,3252692	116,609148	176,278509	195,902068
860	29,9373022	36,8178193	64,3952346	87,4377056	116,74027	176,434117	196,069029
861	29,9909177	36,8815324	64,4881705	87,5501559	116,871386	176,589683	196,235939
862	30,0445668	36,9452816	64,5811325	87,66262	117,002498	176,745204	196,402796
863	30,0982495	37,0090669	64,6741205	87,7750979	117,133604	176,900682	196,569602
864	30,1519658	37,0728882	64,7671345	87,8875897	117,264705	177,056116	196,736356
865	30,2057157	37,1367456	64,8601744	88,0000952	117,395801	177,211507	196,903059
866	30,2594991	37,200639	64,9532402	88,1126145	117,526892	177,366854	197,06971
867	30,3133161	37,2645684	65,0463319	88,2251476	117,657977	177,522158	197,236309
868	30,3671666	37,3285338	65,1394495	88,3376944	117,789058	177,677419	197,402857
869	30,4210505	37,3925352	65,232593	88,450255	117,920133	177,832637	197,569353

870	30,474968	37,4565724	65,3257623	88,5628293	118,051203	177,987811	197,735798
871	30,5289189	37,5206456	65,4189574	88,6754173	118,182269	178,142943	197,902192
872	30,5829032	37,5847547	65,5121783	88,788019	118,313328	178,298031	198,068535
873	30,6369209	37,6488997	65,605425	88,9006344	118,444383	178,453076	198,234827
874	30,6909721	37,7130805	65,6986974	89,0132634	118,575433	178,608079	198,401068
875	30,7450567	37,7772972	65,7919955	89,1259062	118,706478	178,763038	198,567258
876	30,7991746	37,8415496	65,8853193	89,2385625	118,837517	178,917955	198,733396
877	30,8533259	37,9058379	65,9786688	89,3512325	118,968551	179,072829	198,899485
878	30,9075105	37,9701619	66,072044	89,463916	119,099581	179,227661	199,065522
879	30,9617284	38,0345216	66,1654448	89,5766132	119,230605	179,382449	199,231509
880	31,0159796	38,0989171	66,2588712	89,689324	119,361624	179,537196	199,397445
881	31,0702641	38,1633483	66,3523232	89,8020483	119,492638	179,6919	199,563331
882	31,1245819	38,2278152	66,4458007	89,9147862	119,623647	179,846561	199,729166
883	31,178933	38,2923177	66,5393038	90,0275376	119,754651	180,00118	199,894951
884	31,2333172	38,3568559	66,6328325	90,1403026	119,88565	180,155757	200,060686
885	31,2877347	38,4214297	66,7263866	90,2530811	120,016644	180,310291	200,226371
886	31,3421854	38,4860392	66,8199662	90,365873	120,147633	180,464784	200,392005
887	31,3966692	38,5506842	66,9135713	90,4786785	120,278616	180,619234	200,55759
888	31,4511862	38,6153647	67,0072018	90,5914974	120,409595	180,773642	200,723124
889	31,5057364	38,6800808	67,1008577	90,7043299	120,540569	180,928008	200,888609
890	31,5603196	38,7448324	67,194539	90,8171757	120,671537	181,082332	201,054043
891	31,614936	38,8096195	67,2882456	90,930035	120,802501	181,236614	201,219428
892	31,6695855	38,8744421	67,3819777	91,0429077	120,93346	181,390855	201,384763
893	31,7242681	38,9393002	67,475735	91,1557938	121,064413	181,545053	201,550049
894	31,7789837	39,0041937	67,5695176	91,2686933	121,195362	181,69921	201,715285
895	31,8337324	39,0691226	67,6633256	91,3816062	121,326306	181,853326	201,880471
896	31,8885141	39,1340869	67,7571588	91,4945324	121,457244	182,007399	202,045608
897	31,9433288	39,1990866	67,8510172	91,607472	121,588178	182,161432	202,210696
898	31,9981764	39,2641216	67,9449009	91,720425	121,719107	182,315422	202,375735
899	32,0530571	39,329192	68,0388097	91,8333912	121,85003	182,469371	202,540724
900	32,1079707	39,3942977	68,1327438	91,9463708	121,980949	182,623279	202,705664
901	32,1629173	39,4594387	68,2267029	92,0593637	122,111863	182,777146	202,870555
902	32,2178968	39,524615	68,3206873	92,1723699	122,242772	182,930971	203,035397
903	32,2729092	39,5898265	68,4146967	92,2853893	122,373676	183,084755	203,20019
904	32,3279544	39,6550733	68,5087312	92,398422	122,504575	183,238498	203,364935
905	32,3830326	39,7203553	68,6027908	92,511468	122,635469	183,3922	203,52963
906	32,4381436	39,7856725	68,6968755	92,6245272	122,766358	183,545861	203,694277
907	32,4932875	39,8510248	68,7909852	92,7375996	122,897242	183,699481	203,858875
908	32,5484641	39,9164124	68,8851198	92,8506852	123,028122	183,85306	204,023424
909	32,6036736	39,981835	68,9792795	92,963784	123,158996	184,006598	204,187925
910	32,6589159	40,0472928	69,0734642	93,076896	123,289866	184,160095	204,352378
911	32,7141909	40,1127857	69,1676737	93,1900212	123,42073	184,313552	204,516782
912	32,7694987	40,1783136	69,2619082	93,3031595	123,55159	184,466967	204,681138
913	32,8248393	40,2438766	69,3561677	93,416311	123,682445	184,620343	204,845445
914	32,8802125	40,3094747	69,450452	93,5294756	123,813295	184,773677	205,009705
915	32,9356185	40,3751077	69,5447611	93,6426533	123,94414	184,926971	205,173916

916	32,9910572	40,4407758	69,6390951	93,7558441	124,07498	185,080225	205,338079
917	33,0465285	40,5064788	69,7334539	93,869048	124,205815	185,233438	205,502195
918	33,1020325	40,5722168	69,8278376	93,982265	124,336645	185,386611	205,666262
919	33,1575691	40,6379898	69,922246	94,0954951	124,467471	185,539743	205,830281
920	33,2131384	40,7037977	70,0166791	94,2087382	124,598292	185,692836	205,994253
921	33,2687403	40,7696404	70,111137	94,3219943	124,729108	185,845888	206,158177
922	33,3243747	40,8355181	70,2056197	94,4352635	124,859919	185,9989	206,322053
923	33,3800418	40,9014306	70,300127	94,5485457	124,990725	186,151872	206,485882
924	33,4357414	40,967378	70,394659	94,6618409	125,121526	186,304803	206,649663
925	33,4914735	41,0333601	70,4892156	94,7751491	125,252323	186,457695	206,813397
926	33,5472382	41,0993771	70,5837969	94,8884703	125,383115	186,610547	206,977083
927	33,6030354	41,1654289	70,6784028	95,0018044	125,513902	186,763359	207,140722
928	33,6588651	41,2315155	70,7730334	95,1151515	125,644684	186,916131	207,304314
929	33,7147272	41,2976368	70,8676884	95,2285116	125,775461	187,068864	207,467859
930	33,7706219	41,3637928	70,9623681	95,3418845	125,906234	187,221556	207,631356
931	33,8265489	41,4299835	71,0570723	95,4552704	126,037001	187,374209	207,794806
932	33,8825084	41,4962089	71,151801	95,5686692	126,167764	187,526823	207,95821
933	33,9385003	41,562469	71,2465542	95,6820809	126,298522	187,679396	208,121566
934	33,9945247	41,6287638	71,3413318	95,7955054	126,429276	187,831931	208,284876
935	34,0505814	41,6950931	71,436134	95,9089428	126,560024	187,984426	208,448138
936	34,1066704	41,7614571	71,5309605	96,0223931	126,690768	188,136881	208,611354
937	34,1627918	41,8278557	71,6258115	96,1358562	126,821507	188,289297	208,774523
938	34,2189456	41,8942889	71,7206869	96,2493322	126,952242	188,441674	208,937646
939	34,2751317	41,9607566	71,8155867	96,3628209	127,082971	188,594012	209,100722
940	34,33135	42,0272588	71,9105108	96,4763225	127,213696	188,74631	209,263752
941	34,3876007	42,0937956	72,0054593	96,5898369	127,344416	188,898569	209,426735
942	34,4438836	42,1603669	72,100432	96,703364	127,475132	189,050789	209,589672
943	34,5001988	42,2269727	72,1954291	96,8169039	127,605842	189,202971	209,752562
944	34,5565463	42,2936129	72,2904505	96,9304566	127,736548	189,355113	209,915406
945	34,6129259	42,3602875	72,3854961	97,044022	127,867249	189,507216	210,078204
946	34,6693378	42,4269966	72,480566	97,1576001	127,997946	189,65928	210,240956
947	34,7257819	42,4937401	72,5756601	97,271191	128,128638	189,811306	210,403662
948	34,7822581	42,560518	72,6707783	97,3847946	128,259325	189,963292	210,566322
949	34,8387665	42,6273303	72,7659208	97,4984108	128,390007	190,11524	210,728936
950	34,895307	42,6941769	72,8610874	97,6120398	128,520685	190,26715	210,891504
951	34,9518797	42,7610579	72,9562782	97,7256814	128,651358	190,41902	211,054026
952	35,0084845	42,8279731	73,0514931	97,8393357	128,782026	190,570852	211,216502
953	35,0651214	42,8949227	73,1467321	97,9530027	128,91269	190,722646	211,378933
954	35,1217904	42,9619065	73,2419952	98,0666822	129,043349	190,874401	211,541318
955	35,1784914	43,0289246	73,3372824	98,1803744	129,174003	191,026118	211,703657
956	35,2352245	43,0959769	73,4325936	98,2940793	129,304653	191,177796	211,865951
957	35,2919897	43,1630635	73,5279288	98,4077967	129,435298	191,329436	212,0282
958	35,3487868	43,2301842	73,6232881	98,5215267	129,565938	191,481037	212,190403
959	35,405616	43,2973392	73,7186713	98,6352693	129,696574	191,632601	212,352561
960	35,4624771	43,3645283	73,8140785	98,7490244	129,827205	191,784126	212,514673
961	35,5193703	43,4317516	73,9095097	98,8627921	129,957831	191,935613	212,676741

962	35,5762954	43,499009	74,0049648	98,9765724	130,088453	192,087062	212,838763
963	35,6332524	43,5663005	74,1004438	99,0903651	130,21907	192,238473	213,00074
964	35,6902414	43,6336261	74,1959467	99,2041704	130,349683	192,389846	213,162672
965	35,7472623	43,7009858	74,2914735	99,3179882	130,480291	192,541181	213,324559
966	35,8043151	43,7683795	74,3870241	99,4318185	130,610894	192,692478	213,486401
967	35,8613997	43,8358073	74,4825986	99,5456613	130,741493	192,843738	213,648199
968	35,9185163	43,9032691	74,5781969	99,6595166	130,872087	192,994959	213,809951
969	35,9756647	43,9707649	74,673819	99,7733843	131,002676	193,146143	213,971659
970	36,0328449	44,0382947	74,7694649	99,8872645	131,133261	193,297289	214,133322
971	36,090057	44,1058584	74,8651346	100,001157	131,263842	193,448398	214,29494
972	36,1473008	44,1734562	74,960828	100,115062	131,394417	193,599469	214,456514
973	36,2045765	44,2410878	75,0565451	100,22898	131,524989	193,750502	214,618044
974	36,2618839	44,3087534	75,152286	100,342909	131,655555	193,901498	214,779528
975	36,3192231	44,3764528	75,2480505	100,456852	131,786117	194,052456	214,940969
976	36,3765941	44,4441862	75,3438387	100,570806	131,916675	194,203377	215,102365
977	36,4339968	44,5119534	75,4396506	100,684773	132,047228	194,354261	215,263717
978	36,4914312	44,5797544	75,5354861	100,798753	132,177776	194,505107	215,425025
979	36,5488973	44,6475893	75,6313452	100,912744	132,30832	194,655916	215,586288
980	36,6063951	44,7154579	75,7272279	101,026748	132,438859	194,806688	215,747508
981	36,6639246	44,7833604	75,8231342	101,140765	132,569394	194,957423	215,908683
982	36,7214857	44,8512967	75,9190641	101,254794	132,699924	195,10812	216,069815
983	36,7790785	44,9192667	76,0150175	101,368835	132,83045	195,258781	216,230902
984	36,8367029	44,9872704	76,1109944	101,482888	132,960971	195,409404	216,391946
985	36,8943589	45,0553078	76,2069949	101,596953	133,091487	195,559991	216,552945
986	36,9520466	45,123379	76,3030188	101,711031	133,222	195,71054	216,713901
987	37,0097658	45,1914838	76,3990662	101,825121	133,352507	195,861053	216,874814
988	37,0675166	45,2596224	76,495137	101,939224	133,48301	196,011529	217,035682
989	37,1252989	45,3277945	76,5912313	102,053338	133,613509	196,161968	217,196507
990	37,1831128	45,3960003	76,687349	102,167465	133,744003	196,31237	217,357289
991	37,2409582	45,4642397	76,7834902	102,281604	133,874493	196,462735	217,518027
992	37,2988351	45,5325127	76,8796546	102,395755	134,004978	196,613064	217,678722
993	37,3567435	45,6008193	76,9758425	102,509919	134,135458	196,763357	217,839373
994	37,4146834	45,6691595	77,0720537	102,624094	134,265934	196,913612	217,999981
995	37,4726548	45,7375332	77,1682882	102,738282	134,396406	197,063831	218,160545
996	37,5306576	45,8059404	77,2645461	102,852482	134,526873	197,214014	218,321067
997	37,5886919	45,8743811	77,3608272	102,966694	134,657336	197,36416	218,481545
998	37,6467576	45,9428554	77,4571316	103,080918	134,787794	197,51427	218,64198
999	37,7048546	46,0113631	77,5534593	103,195155	134,918248	197,664344	218,802372
1000	37,7629831	46,0799042	77,6498102	103,309403	135,048698	197,814381	218,962722
1001	37,8211143	46,1484788	77,7461843	103,423663	135,179143	197,964382	219,123028
1002	37,8793343	46,2170869	77,8425817	103,537936	135,309583	198,114347	219,283291
1003	37,9375568	46,2857283	77,9390022	103,652221	135,440019	198,264276	219,443512
1004	37,9958108	46,3544032	78,0354459	103,766518	135,570451	198,414168	219,603689
1005	38,054096	46,4231114	78,1319127	103,880827	135,700878	198,564025	219,763824
1006	38,1124126	46,491853	78,2284027	103,995147	135,831301	198,713845	219,923917
1007	38,1707604	46,5606279	78,3249158	104,10948	135,961719	198,86363	220,083967

1008	38,2291396	46,6294361	78,421452	104,223825	136,092133	199,013378	220,243974
1009	38,28755	46,6982776	78,5180113	104,338182	136,222543	199,163091	220,403938
1010	38,3459916	46,7671525	78,6145936	104,452551	136,352948	199,312768	220,563861
1011	38,4044645	46,8360606	78,711199	104,566932	136,483349	199,462409	220,723741
1012	38,4629686	46,9050019	78,8078274	104,681325	136,613745	199,612014	220,883578
1013	38,521504	46,9739765	78,9044789	104,79573	136,744137	199,761584	221,043373
1014	38,5800705	47,0429844	79,0011533	104,910147	136,874525	199,911118	221,203126
1015	38,6386682	47,1120254	79,0978507	105,024576	137,004908	200,060616	221,362837
1016	38,6972971	47,1810996	79,1945711	105,139017	137,135287	200,210079	221,522506
1017	38,7559571	47,250207	79,2913144	105,25347	137,265661	200,359506	221,682132
1018	38,8146483	47,3193475	79,3880806	105,367934	137,396031	200,508897	221,841717
1019	38,8733705	47,3885212	79,4848698	105,482411	137,526397	200,658254	222,00126
1020	38,9321239	47,457728	79,5816818	105,5969	137,656758	200,807574	222,16076
1021	38,9909084	47,5269679	79,6785167	105,7114	137,787115	200,95686	222,320219
1022	39,049724	47,5962409	79,7753745	105,825912	137,917468	201,10611	222,479636
1023	39,1085706	47,665547	79,8722551	105,940436	138,047816	201,255325	222,639011
1024	39,1674483	47,7348861	79,9691586	106,054972	138,17816	201,404504	222,798345
1025	39,2263571	47,8042583	80,0660848	106,16952	138,3085	201,553649	222,957637
1026	39,2852968	47,8736635	80,1630338	106,28408	138,438835	201,702758	223,116887
1027	39,3442676	47,9431017	80,2600057	106,398652	138,569166	201,851832	223,276096
1028	39,4032694	48,0125728	80,3570002	106,513235	138,699493	202,000871	223,435263
1029	39,4623022	48,082077	80,4540176	106,62783	138,829815	202,149875	223,594388
1030	39,5213659	48,1516141	80,5510576	106,742437	138,960133	202,298844	223,753473
1031	39,5804606	48,2211842	80,6481203	106,857056	139,090447	202,447778	223,912516
1032	39,6395862	48,2907871	80,7452058	106,971686	139,220756	202,596677	224,071517
1033	39,6987428	48,360423	80,8423139	107,086329	139,351061	202,745542	224,230478
1034	39,7579303	48,4300918	80,9394446	107,200983	139,481362	202,894371	224,389397
1035	39,8171486	48,4997934	81,0365981	107,315648	139,611659	203,043166	224,548275
1036	39,8763979	48,569528	81,1337741	107,430326	139,741951	203,191926	224,707112
1037	39,935678	48,6392953	81,2309727	107,545015	139,872239	203,340651	224,865908
1038	39,9949891	48,7090955	81,328194	107,659716	140,002522	203,489342	225,024663
1039	40,0543309	48,7789285	81,4254378	107,774429	140,132802	203,637998	225,183377
1040	40,1137036	48,8487943	81,5227041	107,889153	140,263077	203,78662	225,34205
1041	40,1731071	48,9186928	81,619993	108,003889	140,393348	203,935206	225,500682
1042	40,2325414	48,9886241	81,7173044	108,118637	140,523614	204,083759	225,659273
1043	40,2920065	49,0585882	81,8146384	108,233397	140,653876	204,232277	225,817824
1044	40,3515024	49,128585	81,9119948	108,348168	140,784135	204,380761	225,976334
1045	40,411029	49,1986145	82,0093737	108,46295	140,914388	204,52921	226,134803
1046	40,4705864	49,2686767	82,1067751	108,577745	141,044638	204,677625	226,293232
1047	40,5301746	49,3387716	82,2041989	108,692551	141,174883	204,826006	226,45162
1048	40,5897934	49,4088992	82,3016451	108,807368	141,305124	204,974352	226,609968
1049	40,649443	49,4790594	82,3991137	108,922198	141,435361	205,122664	226,768275
1050	40,7091233	49,5492522	82,4966048	109,037038	141,565594	205,270942	226,926542
1051	40,7688342	49,6194777	82,5941182	109,151891	141,695822	205,419186	227,084768
1052	40,8285759	49,6897357	82,691654	109,266755	141,826046	205,567396	227,242954
1053	40,8883481	49,7600264	82,7892121	109,38163	141,956266	205,715572	227,4011

1054	40,9481511	49,8303496	82,8867925	109,496518	142,086482	205,863714	227,559206
1055	41,0079846	49,9007053	82,9843953	109,611416	142,216693	206,011822	227,717271
1056	41,0678488	49,9710936	83,0820204	109,726326	142,346901	206,159896	227,875296
1057	41,1277436	50,0415145	83,1796677	109,841248	142,477104	206,307936	228,033282
1058	41,1876689	50,1119678	83,2773373	109,956181	142,607303	206,455943	228,191227
1059	41,2476249	50,1824536	83,3750292	110,071126	142,737497	206,603915	228,349132
1060	41,3076114	50,2529719	83,4727433	110,186082	142,867688	206,751854	228,506998
1061	41,3676285	50,3235227	83,5704796	110,30105	142,997874	206,899759	228,664823
1062	41,4276761	50,3941059	83,6682381	110,416029	143,128057	207,04763	228,822609
1063	41,4877542	50,4647215	83,7660188	110,53102	143,258235	207,195468	228,980355
1064	41,5478628	50,5353696	83,8638216	110,646022	143,388408	207,343272	229,138061
1065	41,608002	50,60605	83,9616467	110,761036	143,518578	207,491043	229,295727
1066	41,6681716	50,6767628	84,0594938	110,876061	143,648743	207,63878	229,453354
1067	41,7283717	50,747508	84,1573631	110,991097	143,778905	207,786483	229,610941
1068	41,7886022	50,8182855	84,2552545	111,106145	143,909062	207,934153	229,768489
1069	41,8488632	50,8890954	84,353168	111,221205	144,039215	208,08179	229,925997
1070	41,9091546	50,9599376	84,4511035	111,336275	144,169364	208,229393	230,083466
1071	41,9694765	51,0308121	84,5490611	111,451357	144,299509	208,376963	230,240895
1072	42,0298287	51,1017189	84,6470408	111,566451	144,429649	208,5245	230,398285
1073	42,0902114	51,1726579	84,7450425	111,681556	144,559786	208,672003	230,555636
1074	42,1506244	51,2436292	84,8430662	111,796672	144,689918	208,819474	230,712947
1075	42,2110678	51,3146328	84,9411119	111,9118	144,820046	208,966911	230,870219
1076	42,2715415	51,3856686	85,0391796	112,026939	144,95017	209,114315	231,027452
1077	42,3320456	51,4567366	85,1372692	112,142089	145,08029	209,261686	231,184646
1078	42,39258	51,5278368	85,2353808	112,257251	145,210406	209,409023	231,341801
1079	42,4531447	51,5989691	85,3335143	112,372424	145,340518	209,556328	231,498917
1080	42,5137398	51,6701337	85,4316698	112,487608	145,470625	209,7036	231,655993
1081	42,5743651	51,7413304	85,5298472	112,602803	145,600729	209,850839	231,813031
1082	42,6350207	51,8125592	85,6280464	112,71801	145,730828	209,998045	231,97003
1083	42,6957065	51,8838201	85,7262675	112,833228	145,860923	210,145218	232,12699
1084	42,7564226	51,9551132	85,8245105	112,948458	145,991015	210,292358	232,283912
1085	42,817169	52,0264383	85,9227753	113,063698	146,121102	210,439466	232,440794
1086	42,8779456	52,0977955	86,021062	113,17895	146,251185	210,58654	232,597638
1087	42,9387523	52,1691848	86,1193704	113,294213	146,381264	210,733582	232,754443
1088	42,9995893	52,2406061	86,2177007	113,409488	146,511339	210,880592	232,91121
1089	43,0604565	52,3120594	86,3160527	113,524773	146,641409	211,027568	233,067938
1090	43,1213538	52,3835448	86,4144265	113,64007	146,771476	211,174512	233,224627
1091	43,1822813	52,4550621	86,5128221	113,755378	146,901539	211,321424	233,381278
1092	43,243239	52,5266115	86,6112394	113,870697	147,031597	211,468303	233,53789
1093	43,3042268	52,5981928	86,7096784	113,986028	147,161652	211,615149	233,694464
1094	43,3652447	52,669806	86,8081392	114,101369	147,291702	211,761963	233,851
1095	43,4262927	52,7414512	86,9066216	114,216722	147,421749	211,908745	234,007497
1096	43,4873708	52,8131284	87,0051257	114,332086	147,551791	212,055494	234,163957
1097	43,548479	52,8848374	87,1036514	114,447461	147,68183	212,202211	234,320377
1098	43,6096173	52,9565783	87,2021988	114,562847	147,811864	212,348895	234,47676
1099	43,6707856	53,0283511	87,3007679	114,678245	147,941894	212,495548	234,633105

1100	43,731984	53,1001558	87,3993585	114,793653	148,07192	212,642168	234,789411
1101	43,7932124	53,1719923	87,4979708	114,909073	148,201943	212,788755	234,94568
1102	43,8544708	53,2438607	87,5966046	115,024504	148,331961	212,935311	235,10191
1103	43,9157593	53,3157608	87,69526	115,139945	148,461975	213,081835	235,258103
1104	43,9770777	53,3876928	87,793937	115,255398	148,591985	213,228326	235,414257
1105	44,0384261	53,4596566	87,8926355	115,370862	148,721991	213,374785	235,570374
1106	44,0998045	53,5316521	87,9913555	115,486337	148,851993	213,521213	235,726453
1107	44,1612129	53,6036794	88,0900971	115,601823	148,981992	213,667608	235,882494
1108	44,2226512	53,6757385	88,1888601	115,717321	149,111986	213,813972	236,038497
1109	44,2841194	53,7478293	88,2876447	115,832829	149,241976	213,960303	236,194463
1110	44,3456176	53,8199518	88,3864507	115,948348	149,371962	214,106603	236,350391
1111	44,4071456	53,892106	88,4852781	116,063878	149,501944	214,25287	236,506281
1112	44,4687036	53,9642919	88,584127	116,17942	149,631922	214,399106	236,662134
1113	44,5302914	54,0365094	88,6829973	116,294972	149,761896	214,545311	236,817949
1114	44,5919092	54,1087586	88,781889	116,410535	149,891867	214,691483	236,973727
1115	44,6535567	54,1810395	88,8808022	116,526109	150,021833	214,837624	237,129467
1116	44,7152342	54,253352	88,9797367	116,641695	150,151795	214,983733	237,28517
1117	44,7769414	54,3256961	89,0786925	116,757291	150,281753	215,129811	237,440836
1118	44,8386785	54,3980718	89,1776698	116,872898	150,411708	215,275856	237,596464
1119	44,9004454	54,4704791	89,2766683	116,988516	150,541658	215,421871	237,752055
1120	44,9622421	54,542918	89,3756882	117,104145	150,671605	215,567854	237,907609
1121	45,0240686	54,6153884	89,4747294	117,219785	150,801547	215,713805	238,063126
1122	45,0859248	54,6878904	89,5737919	117,335436	150,931485	215,859725	238,218605
1123	45,1478109	54,7604239	89,6728756	117,451098	151,06142	216,005613	238,374047
1124	45,2097266	54,8329889	89,7719807	117,566771	151,191351	216,15147	238,529453
1125	45,2716721	54,9055854	89,8711069	117,682455	151,321277	216,297296	238,684821
1126	45,3336474	54,9782134	89,9702545	117,798149	151,4512	216,44309	238,840152
1127	45,3956523	55,0508728	90,0694232	117,913855	151,581119	216,588853	238,995447
1128	45,457687	55,1235638	90,1686131	118,029571	151,711034	216,734585	239,150704
1129	45,5197513	55,1962861	90,2678243	118,145298	151,840945	216,880286	239,305925
1130	45,5818453	55,2690399	90,3670566	118,261037	151,970852	217,025955	239,461108
1131	45,643969	55,3418251	90,4663101	118,376785	152,100755	217,171594	239,616255
1132	45,7061223	55,4146417	90,5655847	118,492545	152,230654	217,317201	239,771366
1133	45,7683053	55,4874897	90,6648805	118,608316	152,360549	217,462777	239,926439
1134	45,8305179	55,560369	90,7641974	118,724097	152,490441	217,608322	240,081476
1135	45,8927601	55,6332798	90,8635354	118,83989	152,620328	217,753836	240,236477
1136	45,9550319	55,7062218	90,9628945	118,955693	152,750212	217,899319	240,39144
1137	46,0173333	55,7791952	91,0622746	119,071507	152,880092	218,044772	240,546368
1138	46,0796643	55,8521999	91,1616759	119,187331	153,009967	218,190193	240,701258
1139	46,1420248	55,9252359	91,2610982	119,303167	153,139839	218,335583	240,856113
1140	46,2044149	55,9983032	91,3605415	119,419013	153,269707	218,480943	241,010931
1141	46,2668346	56,0714017	91,4600058	119,53487	153,399571	218,626272	241,165712
1142	46,3292838	56,1445316	91,5594912	119,650738	153,529432	218,77157	241,320458
1143	46,3917625	56,2176926	91,6589976	119,766616	153,659288	218,916837	241,475166
1144	46,4542707	56,2908849	91,7585249	119,882505	153,789141	219,062073	241,629839
1145	46,5168084	56,3641084	91,8580732	119,998405	153,918989	219,207279	241,784476

1146	46,5793756	56,4373631	91,9576425	120,114316	154,048834	219,352454	241,939076
1147	46,6419723	56,510649	92,0572327	120,230238	154,178675	219,497599	242,09364
1148	46,7045985	56,5839661	92,1568438	120,34617	154,308512	219,642713	242,248168
1149	46,767254	56,6573143	92,2564759	120,462112	154,438345	219,787797	242,402661
1150	46,8299391	56,7306937	92,3561288	120,578066	154,568175	219,93285	242,557117
1151	46,8926535	56,8041042	92,4558026	120,69403	154,698	220,077872	242,711537
1152	46,9553974	56,8775458	92,5554973	120,810005	154,827822	220,222864	242,865921
1153	47,0181707	56,9510186	92,6552129	120,925991	154,95764	220,367826	243,020269
1154	47,0809733	57,0245224	92,7549493	121,041987	155,087454	220,512757	243,174582
1155	47,1438053	57,0980573	92,8547065	121,157994	155,217264	220,657658	243,328859
1156	47,2066668	57,1716233	92,9544846	121,274011	155,34707	220,802529	243,483099
1157	47,2695575	57,2452203	93,0542834	121,390039	155,476873	220,947369	243,637305
1158	47,3324776	57,3188483	93,154103	121,506078	155,606671	221,09218	243,791474
1159	47,3954271	57,3925074	93,2539435	121,622127	155,736466	221,236959	243,945608
1160	47,4584058	57,4661975	93,3538046	121,738187	155,866257	221,381709	244,099706
1161	47,5214139	57,5399185	93,4536865	121,854258	155,996045	221,526429	244,253769
1162	47,5844512	57,6136706	93,5535892	121,970339	156,125828	221,671118	244,407796
1163	47,6475179	57,6874536	93,6535126	122,086431	156,255608	221,815778	244,561788
1164	47,7106138	57,7612676	93,7534567	122,202533	156,385383	221,960407	244,715744
1165	47,7737379	57,8351125	93,8534214	122,318646	156,515155	222,105006	244,869665
1166	47,8368934	57,9089884	93,9534069	122,434769	156,644924	222,249576	245,02355
1167	47,9000771	57,9828951	94,053413	122,550903	156,774688	222,394115	245,1774
1168	47,96329	58,0568328	94,1534398	122,667048	156,904449	222,538625	245,331215
1169	48,0265321	58,1308013	94,2534872	122,783203	157,034206	222,683104	245,484995
1170	48,0898035	58,2048007	94,3535553	122,899369	157,163959	222,827554	245,638739
1171	48,153104	58,278831	94,4536439	123,015545	157,293708	222,971974	245,792448
1172	48,2164337	58,3528921	94,5537532	123,131731	157,423454	223,116364	245,946122
1173	48,2797925	58,4269841	94,6538831	123,247929	157,553195	223,260724	246,099761
1174	48,3431806	58,5011068	94,7540335	123,364136	157,682933	223,405055	246,253365
1175	48,4065977	58,5752604	94,8542045	123,480354	157,812668	223,549356	246,406934
1176	48,4700441	58,6494448	94,954396	123,596583	157,942398	223,693627	246,560467
1177	48,5335195	58,7236599	95,0546081	123,712822	158,072125	223,837869	246,713966
1178	48,5970241	58,7979058	95,1548406	123,829072	158,201848	223,982081	246,86743
1179	48,6605577	58,8721825	95,2550937	123,945332	158,331567	224,126263	247,020859
1180	48,7241204	58,9464899	95,3553673	124,061602	158,461282	224,270416	247,174253
1181	48,7877123	59,020828	95,4556614	124,177883	158,590994	224,41454	247,327613
1182	48,8513332	59,0951968	95,5559759	124,294174	158,720702	224,558633	247,480937
1183	48,9149831	59,1695964	95,6563109	124,410476	158,850406	224,702698	247,634227
1184	48,9786621	59,2440266	95,7566663	124,526788	158,980107	224,846733	247,787482
1185	49,0423701	59,3184875	95,8570422	124,643111	159,109803	224,990738	247,940703
1186	49,1061072	59,392979	95,9574384	124,759444	159,239496	225,134715	248,093889
1187	49,1698732	59,4675012	96,0578551	124,875787	159,369186	225,278662	248,24704
1188	49,2336683	59,542054	96,1582922	124,992141	159,498871	225,422579	248,400157
1189	49,2974924	59,6166375	96,2587496	125,108505	159,628553	225,566468	248,553239
1190	49,3613454	59,6912515	96,3592274	125,224879	159,758231	225,710327	248,706287
1191	49,4252274	59,7658962	96,4597256	125,341264	159,887906	225,854157	248,8593

1192	49,4891383	59,8405714	96,5602441	125,457659	160,017576	225,997957	249,012279
1193	49,5530782	59,9152772	96,6607829	125,574065	160,147243	226,141729	249,165223
1194	49,6170471	59,9900135	96,761342	125,690481	160,276907	226,285472	249,318134
1195	49,6810448	60,0647804	96,8619214	125,806907	160,406566	226,429185	249,47101
1196	49,7450715	60,1395778	96,9625211	125,923344	160,536222	226,572869	249,623851
1197	49,809127	60,2144057	97,0631411	126,03979	160,665874	226,716525	249,776659
1198	49,8732115	60,2892641	97,1637813	126,156248	160,795523	226,860151	249,929432
1199	49,9373248	60,364153	97,2644418	126,272715	160,925168	227,003748	250,082171
1200	50,001467	60,4390724	97,3651225	126,389193	161,054809	227,147317	250,234876
1201	50,065638	60,5140222	97,4658235	126,505681	161,184446	227,290856	250,387547
1202	50,1298379	60,5890025	97,5665446	126,622179	161,31408	227,434367	250,540184
1203	50,1940666	60,6640132	97,667286	126,738688	161,44371	227,577849	250,692787
1204	50,2583242	60,7390544	97,7680475	126,855207	161,573337	227,721302	250,845356
1205	50,3226106	60,8141259	97,8688292	126,971736	161,70296	227,864726	250,997891
1206	50,3869257	60,8892279	97,969631	127,088275	161,832579	228,008121	251,150392
1207	50,4512697	60,9643602	98,070453	127,204825	161,962194	228,151488	251,30286
1208	50,5156424	61,0395229	98,1712952	127,321384	162,091806	228,294826	251,455293
1209	50,5800439	61,114716	98,2721574	127,437954	162,221414	228,438136	251,607693
1210	50,6444741	61,1899394	98,3730398	127,554535	162,351019	228,581416	251,760059
1211	50,7089331	61,2651931	98,4739422	127,671125	162,480619	228,724668	251,912391
1212	50,7734208	61,3404772	98,5748648	127,787726	162,610217	228,867892	252,064689
1213	50,8379373	61,4157915	98,6758074	127,904337	162,73981	229,011087	252,216954
1214	50,9024824	61,4911362	98,77677	128,020958	162,8694	229,154253	252,369186
1215	50,9670563	61,5665111	98,8777527	128,137589	162,998986	229,297391	252,521383
1216	51,0316589	61,6419163	98,9787555	128,25423	163,128569	229,440501	252,673547
1217	51,0962901	61,7173518	99,0797782	128,370882	163,258148	229,583582	252,825678
1218	51,16095	61,7928175	99,180821	128,487544	163,387723	229,726635	252,977775
1219	51,2256386	61,8683134	99,2818837	128,604215	163,517295	229,869659	253,129839
1220	51,2903558	61,9438396	99,3829665	128,720897	163,646863	230,012655	253,281869
1221	51,3551016	62,0193959	99,4840692	128,83759	163,776428	230,155623	253,433866
1222	51,4198761	62,0949825	99,5851918	128,954292	163,905989	230,298562	253,58583
1223	51,4846792	62,1705992	99,6863344	129,071004	164,035546	230,441473	253,73776
1224	51,5495109	62,2462461	99,787497	129,187727	164,1651	230,584356	253,889657
1225	51,6143711	62,3219231	99,8886794	129,304459	164,29465	230,727211	254,041521
1226	51,67926	62,3976303	99,9898818	129,421202	164,424196	230,870037	254,193352
1227	51,7441774	62,4733676	100,091104	129,537955	164,553739	231,012835	254,345149
1228	51,8091234	62,549135	100,192346	129,654717	164,683278	231,155606	254,496914
1229	51,874098	62,6249326	100,293608	129,77149	164,812814	231,298348	254,648645
1230	51,9391011	62,7007602	100,39489	129,888273	164,942346	231,441062	254,800343
1231	52,0041327	62,7766179	100,496192	130,005066	165,071874	231,583748	254,952009
1232	52,0691928	62,8525057	100,597513	130,12187	165,201399	231,726406	255,103641
1233	52,1342815	62,9284235	100,698855	130,238683	165,330921	231,869036	255,25524
1234	52,1993986	63,0043714	100,800216	130,355506	165,460438	232,011638	255,406806
1235	52,2645443	63,0803493	100,901597	130,472339	165,589953	232,154212	255,55834
1236	52,3297184	63,1563572	101,002998	130,589182	165,719463	232,296759	255,70984
1237	52,3949209	63,2323951	101,104418	130,706036	165,84897	232,439277	255,861308

1238	52,4601519	63,308463	101,205858	130,822899	165,978474	232,581768	256,012743
1239	52,5254114	63,3845609	101,307318	130,939772	166,107974	232,724231	256,164145
1240	52,5906993	63,4606887	101,408798	131,056655	166,23747	232,866666	256,315515
1241	52,6560156	63,5368465	101,510298	131,173549	166,366963	233,009073	256,466852
1242	52,7213604	63,6130343	101,611817	131,290452	166,496452	233,151453	256,618156
1243	52,7867335	63,6892519	101,713356	131,407365	166,625938	233,293804	256,769428
1244	52,852135	63,7654995	101,814914	131,524288	166,75542	233,436129	256,920667
1245	52,917565	63,841777	101,916493	131,641221	166,884898	233,578425	257,071873
1246	52,9830232	63,9180844	102,018091	131,758164	167,014373	233,720694	257,223047
1247	53,0485099	63,9944217	102,119708	131,875117	167,143845	233,862935	257,374188
1248	53,1140249	64,0707888	102,221345	131,99208	167,273313	234,005149	257,525297
1249	53,1795682	64,1471858	102,323002	132,109053	167,402777	234,147336	257,676374
1250	53,2451399	64,2236126	102,424679	132,226036	167,532238	234,289494	257,827418
1251	53,3107398	64,3000693	102,526375	132,343029	167,661695	234,431626	257,97843
1252	53,3763681	64,3765558	102,628091	132,460031	167,791149	234,573729	258,129409
1253	53,4420247	64,453072	102,729826	132,577044	167,9206	234,715806	258,280357
1254	53,5077096	64,5296181	102,831581	132,694066	168,050046	234,857855	258,431271
1255	53,5734227	64,606194	102,933355	132,811099	168,17949	234,999877	258,582154
1256	53,6391641	64,6827996	103,035149	132,928141	168,308929	235,141871	258,733005
1257	53,7049338	64,759435	103,136962	133,045193	168,438366	235,283838	258,883823
1258	53,7707317	64,8361002	103,238795	133,162255	168,567798	235,425778	259,034609
1259	53,8365578	64,912795	103,340648	133,279327	168,697228	235,56769	259,185363
1260	53,9024122	64,9895196	103,44252	133,396408	168,826653	235,709575	259,336086
1261	53,9682948	65,0662739	103,544411	133,5135	168,956075	235,851433	259,486776
1262	54,0342056	65,1430579	103,646322	133,630601	169,085494	235,993264	259,637434
1263	54,1001446	65,2198716	103,748253	133,747712	169,214909	236,135068	259,78806
1264	54,1661117	65,296715	103,850203	133,864833	169,344321	236,276844	259,938654
1265	54,2321071	65,373588	103,952172	133,981964	169,473729	236,418594	260,089216
1266	54,2981306	65,4504906	104,054161	134,099104	169,603134	236,560316	260,239747
1267	54,3641822	65,527423	104,156169	134,216255	169,732536	236,702012	260,390245
1268	54,430262	65,6043849	104,258196	134,333415	169,861933	236,84368	260,540712
1269	54,49637	65,6813764	104,360243	134,450585	169,991328	236,985321	260,691147
1270	54,562506	65,7583976	104,462309	134,567765	170,120718	237,126936	260,84155
1271	54,6286702	65,8354483	104,564395	134,684954	170,250106	237,268523	260,991922
1272	54,6948624	65,9125286	104,6665	134,802154	170,37949	237,410084	261,142261
1273	54,7610828	65,9896385	104,768625	134,919363	170,50887	237,551617	261,29257
1274	54,8273312	66,0667779	104,870768	135,036582	170,638247	237,693124	261,442846
1275	54,8936077	66,1439469	104,972931	135,15381	170,767621	237,834604	261,593091
1276	54,9599123	66,2211454	105,075114	135,271049	170,896991	237,976057	261,743305
1277	55,0262449	66,2983734	105,177315	135,388297	171,026357	238,117484	261,893487
1278	55,0926056	66,375631	105,279536	135,505554	171,155721	238,258883	262,043637
1279	55,1589943	66,452918	105,381777	135,622822	171,28508	238,400256	262,193756
1280	55,225411	66,5302345	105,484036	135,740099	171,414437	238,541602	262,343844
1281	55,2918557	66,6075805	105,586315	135,857386	171,543789	238,682922	262,4939
1282	55,3583285	66,6849559	105,688613	135,974683	171,673139	238,824215	262,643925
1283	55,4248292	66,7623608	105,79093	136,091989	171,802485	238,965481	262,793918

1284	55,4913579	66,8397951	105,893266	136,209305	171,931827	239,10672	262,94388
1285	55,5579145	66,9172588	105,995622	136,326631	172,061166	239,247933	263,093811
1286	55,6244992	66,994752	106,097997	136,443966	172,190502	239,38912	263,243711
1287	55,6911117	67,0722745	106,200391	136,561311	172,319834	239,53028	263,393579
1288	55,7577523	67,1498265	106,302804	136,678666	172,449163	239,671413	263,543416
1289	55,8244207	67,2274078	106,405237	136,79603	172,578488	239,81252	263,693222
1290	55,8911171	67,3050185	106,507688	136,913404	172,70781	239,953601	263,842997
1291	55,9578414	67,3826585	106,610159	137,030788	172,837129	240,094655	263,992741
1292	56,0245935	67,4603279	106,712649	137,148181	172,966444	240,235683	264,142454
1293	56,0913736	67,5380266	106,815157	137,265584	173,095756	240,376684	264,292136
1294	56,1581816	67,6157546	106,917686	137,382996	173,225064	240,517659	264,441787
1295	56,2250174	67,693512	107,020233	137,500419	173,354369	240,658608	264,591407
1296	56,2918811	67,7712986	107,122799	137,61785	173,48367	240,79953	264,740996
1297	56,3587726	67,8491145	107,225384	137,735292	173,612969	240,940426	264,890554
1298	56,425692	67,9269597	107,327988	137,852743	173,742263	241,081296	265,040081
1299	56,4926392	68,0048341	107,430612	137,970203	173,871555	241,22214	265,189577
1300	56,5596142	68,0827378	107,533254	138,087673	174,000842	241,362957	265,339042
1301	56,626617	68,1606708	107,635916	138,205153	174,130127	241,503748	265,488477
1302	56,6936477	68,2386329	107,738596	138,322642	174,259408	241,644514	265,637881
1303	56,7607061	68,3166243	107,841296	138,440141	174,388686	241,785253	265,787254
1304	56,8277923	68,3946449	107,944014	138,557649	174,51796	241,925966	265,936597
1305	56,8949063	68,4726946	108,046752	138,675167	174,647231	242,066652	266,085909
1306	56,9620481	68,5507736	108,149508	138,792695	174,776499	242,207313	266,23519
1307	57,0292176	68,6288817	108,252284	138,910232	174,905763	242,347948	266,38444
1308	57,0964148	68,707019	108,355078	139,027778	175,035024	242,488557	266,53366
1309	57,1636398	68,7851854	108,457891	139,145334	175,164282	242,62914	266,68285
1310	57,2308925	68,8633809	108,560723	139,2629	175,293536	242,769697	266,832009
1311	57,2981729	68,9416056	108,663575	139,380475	175,422787	242,910227	266,981137
1312	57,365481	69,0198594	108,766445	139,498059	175,552034	243,050733	267,130235
1313	57,4328168	69,0981423	108,869334	139,615653	175,681278	243,191212	267,279303
1314	57,5001803	69,1764543	108,972241	139,733257	175,810519	243,331665	267,42834
1315	57,5675715	69,2547953	109,075168	139,85087	175,939756	243,472093	267,577347
1316	57,6349903	69,3331655	109,178114	139,968492	176,06899	243,612494	267,726324
1317	57,7024368	69,4115646	109,281078	140,086124	176,198221	243,75287	267,87527
1318	57,7699109	69,4899929	109,384061	140,203766	176,327448	243,89322	268,024186
1319	57,8374127	69,5684501	109,487063	140,321417	176,456672	244,033545	268,173071
1320	57,9049421	69,6469364	109,590084	140,439077	176,585893	244,173844	268,321927
1321	57,9724991	69,7254517	109,693124	140,556747	176,71511	244,314117	268,470752
1322	58,0400838	69,803996	109,796183	140,674426	176,844324	244,454364	268,619547
1323	58,107696	69,8825692	109,89926	140,792114	176,973535	244,594586	268,768312
1324	58,1753358	69,9611715	110,002356	140,909813	177,102742	244,734782	268,917047
1325	58,2430032	70,0398027	110,105471	141,02752	177,231946	244,874953	269,065751
1326	58,3106981	70,1184629	110,208605	141,145237	177,361147	245,015098	269,214426
1327	58,3784206	70,197152	110,311757	141,262963	177,490344	245,155217	269,363071
1328	58,4461707	70,27587	110,414928	141,380699	177,619538	245,295311	269,511685
1329	58,5139483	70,354617	110,518118	141,498444	177,748729	245,43538	269,66027

1330	58,5817534	70,4333928	110,621326	141,616199	177,877916	245,575423	269,808825
1331	58,6495861	70,5121976	110,724554	141,733962	178,007101	245,715441	269,95735
1332	58,7174462	70,5910313	110,8278	141,851736	178,136281	245,855433	270,105845
1333	58,7853339	70,6698938	110,931064	141,969518	178,265459	245,9954	270,25431
1334	58,8532491	70,7487852	111,034347	142,08731	178,394633	246,135341	270,402745
1335	58,9211917	70,8277054	111,137649	142,205112	178,523804	246,275257	270,551151
1336	58,9891618	70,9066545	111,24097	142,322922	178,652972	246,415148	270,699526
1337	59,0571594	70,9856324	111,344309	142,440742	178,782136	246,555013	270,847872
1338	59,1251844	71,0646392	111,447667	142,558572	178,911297	246,694854	270,996189
1339	59,1932369	71,1436747	111,551044	142,67641	179,040455	246,834668	271,144475
1340	59,2613168	71,2227391	111,654439	142,794258	179,169609	246,974458	271,292732
1341	59,3294242	71,3018322	111,757852	142,912116	179,29876	247,114223	271,440959
1342	59,3975589	71,3809541	111,861285	143,029982	179,427908	247,253962	271,589157
1343	59,4657211	71,4601048	111,964735	143,147858	179,557053	247,393676	271,737325
1344	59,5339107	71,5392843	112,068205	143,265743	179,686194	247,533365	271,885464
1345	59,6021276	71,6184924	112,171693	143,383638	179,815332	247,673029	272,033573
1346	59,6703719	71,6977293	112,275199	143,501542	179,944467	247,812668	272,181653
1347	59,7386436	71,776995	112,378724	143,619455	180,073598	247,952282	272,329703
1348	59,8069427	71,8562893	112,482268	143,737377	180,202727	248,091871	272,477724
1349	59,8752691	71,9356124	112,58583	143,855309	180,331852	248,231434	272,625715
1350	59,9436229	72,0149641	112,689411	143,97325	180,460973	248,370973	272,773677
1351	60,012004	72,0943445	112,79301	144,0912	180,590092	248,510487	272,92161
1352	60,0804124	72,1737536	112,896627	144,209159	180,719207	248,649976	273,069513
1353	60,1488481	72,2531913	113,000263	144,327128	180,848319	248,78944	273,217387
1354	60,2173111	72,3326577	113,103918	144,445106	180,977428	248,928879	273,365232
1355	60,2858014	72,4121527	113,207591	144,563093	181,106533	249,068293	273,513047
1356	60,354319	72,4916763	113,311282	144,681089	181,235635	249,207682	273,660833
1357	60,4228639	72,5712286	113,414992	144,799095	181,364734	249,347046	273,808591
1358	60,4914361	72,6508094	113,51872	144,91711	181,49383	249,486386	273,956319
1359	60,5600355	72,7304189	113,622467	145,035134	181,622922	249,625701	274,104017
1360	60,6286622	72,8100569	113,726232	145,153167	181,752012	249,764991	274,251687
1361	60,6973161	72,8897235	113,830015	145,271209	181,881098	249,904256	274,399328
1362	60,7659972	72,9694186	113,933817	145,389261	182,01018	250,043497	274,546939
1363	60,8347055	73,0491423	114,037637	145,507322	182,13926	250,182713	274,694522
1364	60,9034411	73,1288945	114,141476	145,625391	182,268336	250,321904	274,842076
1365	60,9722039	73,2086753	114,245332	145,743471	182,397409	250,461071	274,9896
1366	61,0409938	73,2884846	114,349208	145,861559	182,526479	250,600212	275,137096
1367	61,109811	73,3683224	114,453101	145,979656	182,655546	250,73933	275,284563
1368	61,1786553	73,4481886	114,557013	146,097763	182,784609	250,878423	275,432001
1369	61,2475268	73,5280834	114,660943	146,215879	182,913669	251,017491	275,57941
1370	61,3164254	73,6080066	114,764892	146,334003	183,042726	251,156534	275,72679
1371	61,3853512	73,6879583	114,868858	146,452137	183,17178	251,295553	275,874141
1372	61,4543042	73,7679385	114,972843	146,570281	183,300831	251,434548	276,021464
1373	61,5232842	73,8479471	115,076847	146,688433	183,429878	251,573518	276,168758
1374	61,5922914	73,9279841	115,180868	146,806594	183,558922	251,712464	276,316023
1375	61,6613257	74,0080495	115,284908	146,924765	183,687963	251,851385	276,463259

1376	61,7303871	74,0881434	115,388966	147,042944	183,817001	251,990282	276,610467
1377	61,7994756	74,1682656	115,493042	147,161133	183,946036	252,129154	276,757646
1378	61,8685912	74,2484163	115,597137	147,279331	184,075067	252,268002	276,904797
1379	61,9377338	74,3285953	115,701249	147,397538	184,204095	252,406826	277,051919
1380	62,0069035	74,4088027	115,80538	147,515754	184,33312	252,545626	277,199012
1381	62,0761003	74,4890384	115,909529	147,633979	184,462142	252,684401	277,346077
1382	62,1453241	74,5693025	116,013697	147,752213	184,591161	252,823152	277,493113
1383	62,214575	74,6495949	116,117882	147,870456	184,720176	252,961878	277,640121
1384	62,2838529	74,7299157	116,222085	147,988708	184,849189	253,100581	277,7871
1385	62,3531578	74,8102647	116,326307	148,106969	184,978198	253,239259	277,934051
1386	62,4224897	74,8906421	116,430547	148,22524	185,107204	253,377913	278,080974
1387	62,4918486	74,9710478	116,534805	148,343519	185,236206	253,516542	278,227868
1388	62,5612346	75,0514817	116,639081	148,461808	185,365206	253,655148	278,374734
1389	62,6306475	75,1319439	116,743375	148,580105	185,494202	253,79373	278,521571
1390	62,7000874	75,2124344	116,847688	148,698411	185,623196	253,932287	278,66838
1391	62,7695542	75,2929532	116,952018	148,816727	185,752186	254,07082	278,815161
1392	62,839048	75,3735001	117,056366	148,935051	185,881173	254,20933	278,961914
1393	62,9085688	75,4540753	117,160733	149,053385	186,010156	254,347815	279,108638
1394	62,9781165	75,5346788	117,265117	149,171727	186,139137	254,486276	279,255334
1395	63,0476911	75,6153104	117,36952	149,290079	186,268115	254,624713	279,402002
1396	63,1172927	75,6959702	117,473941	149,408439	186,397089	254,763126	279,548642
1397	63,1869212	75,7766583	117,578379	149,526809	186,52606	254,901516	279,695254
1398	63,2565765	75,8573745	117,682836	149,645187	186,655028	255,039881	279,841837
1399	63,3262588	75,9381189	117,787311	149,763575	186,783993	255,178222	279,988393
1400	63,395968	76,0188914	117,891803	149,881971	186,912955	255,31654	280,13492
1401	63,465704	76,0996921	117,996314	150,000376	187,041913	255,454834	280,28142
1402	63,5354669	76,1805209	118,100843	150,118791	187,170869	255,593104	280,427891
1403	63,6052567	76,2613778	118,205389	150,237214	187,299821	255,73135	280,574335
1404	63,6750733	76,3422629	118,309954	150,355646	187,42877	255,869572	280,72075
1405	63,7449168	76,4231761	118,414537	150,474087	187,557716	256,00777	280,867138
1406	63,8147871	76,5041174	118,519137	150,592537	187,686659	256,145945	281,013498
1407	63,8846842	76,5850867	118,623755	150,710996	187,815599	256,284096	281,15983
1408	63,9546081	76,6660842	118,728392	150,829464	187,944536	256,422223	281,306134
1409	64,0245589	76,7471097	118,833046	150,947941	188,07347	256,560326	281,45241
1410	64,0945364	76,8281632	118,937718	151,066427	188,2024	256,698406	281,598658
1411	64,1645408	76,9092448	119,042408	151,184921	188,331327	256,836462	281,744879
1412	64,2345719	76,9903545	119,147116	151,303425	188,460252	256,974495	281,891072
1413	64,3046298	77,0714921	119,251842	151,421937	188,589173	257,112504	282,037237
1414	64,3747145	77,1526578	119,356586	151,540458	188,718091	257,250489	282,183374
1415	64,4448259	77,2338515	119,461347	151,658988	188,847006	257,388451	282,329484
1416	64,5149641	77,3150732	119,566126	151,777528	188,975917	257,526389	282,475566
1417	64,585129	77,3963229	119,670924	151,896075	189,104826	257,664303	282,62162
1418	64,6553206	77,4776005	119,775739	152,014632	189,233732	257,802195	282,767647
1419	64,725539	77,5589061	119,880571	152,133198	189,362634	257,940062	282,913647
1420	64,795784	77,6402397	119,985422	152,251772	189,491534	258,077906	283,059618
1421	64,8660558	77,7216012	120,09029	152,370356	189,62043	258,215727	283,205563

1422	64,9363543	77,8029906	120,195177	152,488948	189,749323	258,353524	283,351479
1423	65,0066794	77,884408	120,300081	152,607549	189,878213	258,491298	283,497369
1424	65,0770312	77,9658533	120,405002	152,726159	190,0071	258,629048	283,64323
1425	65,1474097	78,0473265	120,509942	152,844777	190,135984	258,766776	283,789065
1426	65,2178149	78,1288276	120,614899	152,963405	190,264865	258,904479	283,934872
1427	65,2882467	78,2103565	120,719874	153,082041	190,393743	259,04216	284,080651
1428	65,3587052	78,2919134	120,824867	153,200686	190,522618	259,179817	284,226404
1429	65,4291903	78,3734981	120,929877	153,31934	190,65149	259,317451	284,372129
1430	65,499702	78,4551107	121,034906	153,438003	190,780358	259,455061	284,517826
1431	65,5702403	78,5367511	121,139951	153,556674	190,909224	259,592648	284,663497
1432	65,6408053	78,6184193	121,245015	153,675355	191,038086	259,730212	284,80914
1433	65,7113968	78,7001154	121,350096	153,794044	191,166945	259,867753	284,954756
1434	65,782015	78,7818392	121,455195	153,912742	191,295802	260,005271	285,100344
1435	65,8526597	78,8635909	121,560312	154,031448	191,424655	260,142765	285,245906
1436	65,923331	78,9453704	121,665446	154,150164	191,553505	260,280237	285,39144
1437	65,9940288	79,0271777	121,770598	154,268888	191,682352	260,417685	285,536947
1438	66,0647532	79,1090127	121,875767	154,387621	191,811196	260,55511	285,682427
1439	66,1355042	79,1908755	121,980954	154,506362	191,940038	260,692512	285,82788
1440	66,2062817	79,2727661	122,086159	154,625113	192,068875	260,829891	285,973306
1441	66,2770858	79,3546844	122,191382	154,743872	192,19771	260,967247	286,118705
1442	66,3479163	79,4366304	122,296621	154,86264	192,326542	261,10458	286,264077
1443	66,4187734	79,5186042	122,401879	154,981416	192,455371	261,24189	286,409421
1444	66,489657	79,6006057	122,507154	155,100202	192,584197	261,379177	286,554739
1445	66,5605671	79,6826349	122,612447	155,218996	192,71302	261,51644	286,70003
1446	66,6315037	79,7646918	122,717757	155,337798	192,841839	261,653681	286,845294
1447	66,7024667	79,8467763	122,823085	155,45661	192,970656	261,790899	286,990531
1448	66,7734563	79,9288886	122,92843	155,57543	193,09947	261,928095	287,135742
1449	66,8444723	80,0110285	123,033793	155,694259	193,22828	262,065267	287,280925
1450	66,9155147	80,0931961	123,139174	155,813096	193,357088	262,202416	287,426081
1451	66,9865836	80,1753913	123,244571	155,931942	193,485893	262,339543	287,571211
1452	67,057679	80,2576141	123,349987	156,050797	193,614694	262,476646	287,716314
1453	67,1288007	80,3398646	123,45542	156,169661	193,743493	262,613727	287,86139
1454	67,1999489	80,4221427	123,56087	156,288533	193,872288	262,750785	288,00644
1455	67,2711236	80,5044484	123,666338	156,407414	194,001081	262,88782	288,151463
1456	67,3423246	80,5867817	123,771824	156,526303	194,12987	263,024833	288,296459
1457	67,413552	80,6691426	123,877326	156,645202	194,258657	263,161823	288,441428
1458	67,4848058	80,7515311	123,982847	156,764108	194,38744	263,29879	288,586371
1459	67,556086	80,8339472	124,088384	156,883024	194,51622	263,435734	288,731287
1460	67,6273925	80,9163908	124,19394	157,001948	194,644998	263,572656	288,876176
1461	67,6987255	80,9988619	124,299512	157,120881	194,773772	263,709555	289,021039
1462	67,7700847	81,0813606	124,405102	157,239822	194,902544	263,846431	289,165876
1463	67,8414704	81,1638868	124,51071	157,358772	195,031312	263,983285	289,310686
1464	67,9128823	81,2464406	124,616334	157,477731	195,160077	264,120116	289,455469
1465	67,9843206	81,3290219	124,721977	157,596698	195,28884	264,256925	289,600226
1466	68,0557853	81,4116306	124,827636	157,715674	195,417599	264,393711	289,744956
1467	68,1272762	81,4942669	124,933313	157,834658	195,546356	264,530475	289,88966

1468	68,1987934	81,5769306	125,039007	157,953651	195,675109	264,667216	290,034338
1469	68,270337	81,6596218	125,144719	158,072653	195,80386	264,803934	290,178989
1470	68,3419068	81,7423405	125,250448	158,191663	195,932607	264,94063	290,323614
1471	68,4135029	81,8250866	125,356194	158,310682	196,061352	265,077304	290,468213
1472	68,4851253	81,9078602	125,461958	158,429709	196,190093	265,213955	290,612785
1473	68,556774	81,9906612	125,567739	158,548745	196,318832	265,350583	290,757331
1474	68,6284489	82,0734896	125,673537	158,667789	196,447567	265,48719	290,90185
1475	68,70015	82,1563455	125,779353	158,786842	196,5763	265,623773	291,046344
1476	68,7718774	82,2392287	125,885186	158,905904	196,705029	265,760335	291,190811
1477	68,8436311	82,3221394	125,991036	159,024974	196,833756	265,896874	291,335252
1478	68,9154109	82,4050774	126,096903	159,144052	196,96248	266,033391	291,479666
1479	68,987217	82,4880428	126,202788	159,26314	197,0912	266,169885	291,624055
1480	69,0590493	82,5710356	126,30869	159,382235	197,219918	266,306357	291,768417
1481	69,1309078	82,6540558	126,414609	159,50134	197,348633	266,442807	291,912754
1482	69,2027924	82,7371032	126,520545	159,620452	197,477344	266,579235	292,057064
1483	69,2747033	82,8201781	126,626499	159,739574	197,606053	266,71564	292,201348
1484	69,3466403	82,9032802	126,73247	159,858703	197,734759	266,852024	292,345606
1485	69,4186035	82,9864097	126,838458	159,977842	197,863462	266,988385	292,489838
1486	69,4905929	83,0695665	126,944463	160,096988	197,992162	267,124723	292,634044
1487	69,5626084	83,1527506	127,050486	160,216144	198,120859	267,26104	292,778224
1488	69,63465	83,235962	127,156525	160,335307	198,249553	267,397335	292,922379
1489	69,7067178	83,3192007	127,262582	160,45448	198,378244	267,533607	293,066507
1490	69,7788118	83,4024666	127,368656	160,57366	198,506932	267,669857	293,210609
1491	69,8509318	83,4857598	127,474747	160,69285	198,635618	267,806085	293,354685
1492	69,9230779	83,5690803	127,580856	160,812047	198,7643	267,942291	293,498736
1493	69,9952502	83,652428	127,686981	160,931253	198,892979	268,078475	293,64276
1494	70,0674485	83,7358029	127,793124	161,050468	199,021656	268,214637	293,786759
1495	70,1396729	83,8192051	127,899283	161,169691	199,150329	268,350777	293,930732
1496	70,2119235	83,9026345	128,00546	161,288923	199,279	268,486895	294,074679
1497	70,2842	83,9860911	128,111654	161,408163	199,407667	268,622991	294,218601
1498	70,3565027	84,0695749	128,217865	161,527411	199,536332	268,759065	294,362497
1499	70,4288314	84,1530859	128,324093	161,646668	199,664994	268,895117	294,506367
1500	70,5011861	84,2366241	128,430338	161,765933	199,793653	269,031147	294,650211
1501	70,5735669	84,3201894	128,536601	161,885207	199,922309	269,167156	294,794029
1502	70,6459737	84,4037819	128,64288	162,004489	200,050962	269,303142	294,937822
1503	70,7184065	84,4874016	128,749176	162,123779	200,179612	269,439107	295,08159
1504	70,7908654	84,5710484	128,85549	162,243078	200,308259	269,575049	295,225331
1505	70,8633502	84,6547223	128,96182	162,362386	200,436903	269,71097	295,369048
1506	70,9358611	84,7384234	129,068168	162,481701	200,565544	269,846869	295,512738
1507	71,0083979	84,8221516	129,174532	162,601025	200,694183	269,982746	295,656403
1508	71,0809608	84,9059068	129,280914	162,720358	200,822818	270,118601	295,800043
1509	71,1535496	84,9896892	129,387312	162,839699	200,951451	270,254435	295,943657
1510	71,2261643	85,0734987	129,493728	162,959048	201,080081	270,390247	296,087245
1511	71,2988051	85,1573352	129,60016	163,078406	201,208707	270,526037	296,230808
1512	71,3714718	85,2411988	129,70661	163,197772	201,337331	270,661805	296,374346
1513	71,4441644	85,3250895	129,813076	163,317146	201,465952	270,797552	296,517858

1514	71,5168829	85,4090072	129,919559	163,436529	201,59457	270,933277	296,661345
1515	71,5896274	85,492952	130,02606	163,55592	201,723186	271,068981	296,804806
1516	71,6623978	85,5769238	130,132577	163,675319	201,851798	271,204662	296,948242
1517	71,7351941	85,6609226	130,239111	163,794727	201,980407	271,340322	297,091653
1518	71,8080164	85,7449485	130,345662	163,914143	202,109014	271,475961	297,235038
1519	71,8808645	85,8290013	130,45223	164,033568	202,237618	271,611578	297,378398
1520	71,9537385	85,9130812	130,558815	164,153	202,366218	271,747173	297,521733
1521	72,0266384	85,997188	130,665417	164,272442	202,494816	271,882747	297,665042
1522	72,0995641	86,0813218	130,772036	164,391891	202,623411	272,018299	297,808327
1523	72,1725157	86,1654826	130,878672	164,511349	202,752003	272,15383	297,951586
1524	72,2454932	86,2496704	130,985324	164,630815	202,880593	272,289339	298,09482
1525	72,3184966	86,333885	131,091994	164,750289	203,009179	272,424827	298,238029
1526	72,3915257	86,4181267	131,19868	164,869772	203,137763	272,560293	298,381212
1527	72,4645807	86,5023952	131,305383	164,989263	203,266343	272,695738	298,524371
1528	72,5376616	86,5866907	131,412103	165,108762	203,394921	272,831162	298,667504
1529	72,6107682	86,6710131	131,51884	165,22827	203,523496	272,966564	298,810613
1530	72,6839007	86,7553625	131,625593	165,347785	203,652068	273,101944	298,953696
1531	72,7570589	86,8397387	131,732364	165,467309	203,780637	273,237304	299,096754
1532	72,830243	86,9241418	131,839151	165,586842	203,909203	273,372642	299,239787
1533	72,9034528	87,0085717	131,945955	165,706382	204,037767	273,507958	299,382795
1534	72,9766884	87,0930286	132,052776	165,825931	204,166327	273,643253	299,525779
1535	73,0499498	87,1775123	132,159613	165,945488	204,294885	273,778527	299,668737
1536	73,123237	87,2620229	132,266468	166,065054	204,42344	273,91378	299,81167
1537	73,1965499	87,3465603	132,373339	166,184628	204,551992	274,049011	299,954579
1538	73,2698886	87,4311245	132,480227	166,304209	204,680541	274,184221	300,097462
1539	73,3432529	87,5157156	132,587131	166,4238	204,809088	274,31941	300,240321
1540	73,4166431	87,6003334	132,694052	166,543398	204,937631	274,454578	300,383155
1541	73,4900589	87,6849781	132,800991	166,663004	205,066172	274,589724	300,525964
1542	73,5635005	87,7696496	132,907945	166,782619	205,194709	274,724849	300,668748
1543	73,6369678	87,8543479	133,014917	166,902242	205,323244	274,859954	300,811507
1544	73,7104608	87,939073	133,121905	167,021874	205,451777	274,995036	300,954242
1545	73,7839795	88,0238248	133,22891	167,141513	205,580306	275,130098	301,096951
1546	73,8575238	88,1086034	133,335932	167,261161	205,708832	275,265139	301,239637
1547	73,9310939	88,1934087	133,44297	167,380817	205,837356	275,400158	301,382297
1548	74,0046896	88,2782408	133,550025	167,500481	205,965877	275,535157	301,524933
1549	74,078311	88,3630996	133,657097	167,620153	206,094395	275,670134	301,667544
1550	74,151958	88,4479852	133,764185	167,739833	206,22291	275,805091	301,81013
1551	74,2256307	88,5328975	133,87129	167,859522	206,351422	275,940026	301,952692
1552	74,299329	88,6178364	133,978412	167,979219	206,479931	276,07494	302,095229
1553	74,373053	88,7028021	134,08555	168,098924	206,608438	276,209833	302,237741
1554	74,4468026	88,7877945	134,192705	168,218637	206,736942	276,344706	302,380229
1555	74,5205778	88,8728136	134,299876	168,338358	206,865443	276,479557	302,522693
1556	74,5943786	88,9578593	134,407065	168,458087	206,993941	276,614387	302,665132
1557	74,668205	89,0429317	134,514269	168,577825	207,122437	276,749197	302,807546
1558	74,742057	89,1280308	134,621491	168,697571	207,250929	276,883985	302,949936
1559	74,8159346	89,2131565	134,728728	168,817325	207,379419	277,018753	303,092301

1560	74,8898378	89,2983088	134,835983	168,937087	207,507906	277,1535	303,234642
1561	74,9637666	89,3834878	134,943254	169,056857	207,63639	277,288226	303,376959
1562	75,0377209	89,4686934	135,050542	169,176635	207,764871	277,422931	303,519251
1563	75,1117008	89,5539256	135,157846	169,296421	207,89335	277,557615	303,661518
1564	75,1857062	89,6391844	135,265166	169,416216	208,021826	277,692278	303,803762
1565	75,2597371	89,7244698	135,372504	169,536019	208,150299	277,826921	303,945981
1566	75,3337937	89,8097818	135,479857	169,655829	208,278769	277,961543	304,088175
1567	75,4078757	89,8951204	135,587228	169,775648	208,407236	278,096144	304,230346
1568	75,4819832	89,9804856	135,694615	169,895475	208,535701	278,230724	304,372492
1569	75,5561163	90,0658773	135,802018	170,01531	208,664163	278,365283	304,514613
1570	75,6302749	90,1512955	135,909438	170,135153	208,792622	278,499822	304,656711
1571	75,7044589	90,2367403	136,016874	170,255005	208,921078	278,63434	304,798784
1572	75,7786685	90,3222117	136,124327	170,374864	209,049531	278,768838	304,940833
1573	75,8529035	90,4077096	136,231796	170,494731	209,177982	278,903314	305,082858
1574	75,9271641	90,4932339	136,339282	170,614607	209,30643	279,037771	305,224859
1575	76,00145	90,5787848	136,446784	170,73449	209,434875	279,172206	305,366835
1576	76,0757615	90,6643622	136,554303	170,854382	209,563317	279,306621	305,508788
1577	76,1500984	90,7499661	136,661838	170,974282	209,691756	279,441015	305,650716
1578	76,2244607	90,8355965	136,769389	171,094189	209,820193	279,575389	305,79262
1579	76,2988485	90,9212533	136,876957	171,214105	209,948627	279,709742	305,9345
1580	76,3732617	91,0069367	136,984541	171,334029	210,077058	279,844074	306,076356
1581	76,4477003	91,0926464	137,092142	171,453961	210,205487	279,978386	306,218188
1582	76,5221644	91,1783827	137,199759	171,573901	210,333912	280,112678	306,359996
1583	76,5966539	91,2641453	137,307393	171,693849	210,462335	280,246949	306,50178
1584	76,6711687	91,3499344	137,415043	171,813805	210,590755	280,381199	306,64354
1585	76,745709	91,4357499	137,522709	171,933769	210,719173	280,515429	306,785276
1586	76,8202746	91,5215919	137,630392	172,053741	210,847587	280,649638	306,926988
1587	76,8948656	91,6074602	137,738091	172,173721	210,975999	280,783828	307,068677
1588	76,969482	91,6933549	137,845806	172,293709	211,104408	280,917996	307,210341
1589	77,0441238	91,7792761	137,953538	172,413705	211,232815	281,052144	307,351981
1590	77,1187909	91,8652236	138,061286	172,533709	211,361218	281,186272	307,493598
1591	77,1934833	91,9511974	138,169051	172,653721	211,489619	281,32038	307,63519
1592	77,2682011	92,0371977	138,276831	172,773741	211,618017	281,454467	307,776759
1593	77,3429443	92,1232243	138,384628	172,893769	211,746412	281,588533	307,918304
1594	77,4177127	92,2092772	138,492442	173,013805	211,874805	281,72258	308,059825
1595	77,4925065	92,2953565	138,600272	173,133849	212,003195	281,856606	308,201323
1596	77,5673256	92,3814621	138,708117	173,253901	212,131582	281,990612	308,342797
1597	77,64217	92,467594	138,81598	173,37396	212,259966	282,124597	308,484247
1598	77,7170397	92,5537523	138,923858	173,494028	212,388348	282,258562	308,625673
1599	77,7919347	92,6399368	139,031753	173,614104	212,516727	282,392507	308,767075
1600	77,866855	92,7261477	139,139664	173,734188	212,645103	282,526432	308,908454
1601	77,9418006	92,8123848	139,247592	173,85428	212,773476	282,660337	309,049809
1602	78,0167714	92,8986482	139,355535	173,974379	212,901847	282,794221	309,191141
1603	78,0917675	92,9849379	139,463495	174,094487	213,030215	282,928085	309,332449
1604	78,1667888	93,0712539	139,571471	174,214603	213,15858	283,061929	309,473733
1605	78,2418354	93,1575961	139,679463	174,334726	213,286942	283,195753	309,614994

1606	78,3169072	93,2439645	139,787472	174,454858	213,415302	283,329556	309,756231
1607	78,3920043	93,3303592	139,895496	174,574997	213,543659	283,46334	309,897445
1608	78,4671266	93,4167801	140,003537	174,695144	213,672014	283,597103	310,038635
1609	78,5422741	93,5032273	140,111594	174,815299	213,800365	283,730846	310,179802
1610	78,6174468	93,5897006	140,219668	174,935462	213,928714	283,86457	310,320945
1611	78,6926447	93,6762002	140,327757	175,055633	214,05706	283,998273	310,462064
1612	78,7678678	93,7627259	140,435863	175,175812	214,185404	284,131956	310,60316
1613	78,8431161	93,8492779	140,543985	175,295999	214,313744	284,265619	310,744233
1614	78,9183896	93,935856	140,652122	175,416194	214,442082	284,399262	310,885282
1615	78,9936883	94,0224603	140,760277	175,536397	214,570418	284,532885	311,026308
1616	79,0690121	94,1090907	140,868447	175,656607	214,69875	284,666488	311,167311
1617	79,1443611	94,1957473	140,976633	175,776825	214,82708	284,800071	311,30829
1618	79,2197352	94,2824301	141,084836	175,897052	214,955407	284,933634	311,449246
1619	79,2951345	94,3691389	141,193054	176,017286	215,083732	285,067177	311,590178
1620	79,370559	94,455874	141,301289	176,137528	215,212054	285,200701	311,731088
1621	79,4460085	94,5426351	141,40954	176,257778	215,340373	285,334204	311,871974
1622	79,5214832	94,6294223	141,517807	176,378035	215,468689	285,467687	312,012836
1623	79,596983	94,7162357	141,62609	176,498301	215,597003	285,601151	312,153676
1624	79,6725079	94,8030751	141,734389	176,618574	215,725314	285,734595	312,294492
1625	79,748058	94,8899407	141,842704	176,738856	215,853622	285,868018	312,435285
1626	79,8236331	94,9768323	141,951035	176,859145	215,981928	286,001422	312,576054
1627	79,8992333	95,06375	142,059382	176,979442	216,110231	286,134807	312,716801
1628	79,9748586	95,1506937	142,167746	177,099746	216,238531	286,268171	312,857524
1629	80,050509	95,2376635	142,276125	177,220059	216,366829	286,401515	312,998224
1630	80,1261844	95,3246594	142,38452	177,340379	216,495123	286,53484	313,138902
1631	80,2018849	95,4116813	142,492932	177,460708	216,623416	286,668145	313,279556
1632	80,2776104	95,4987292	142,601359	177,581044	216,751705	286,801431	313,420187
1633	80,353361	95,5858032	142,709803	177,701388	216,879992	286,934696	313,560794
1634	80,4291367	95,6729031	142,818262	177,821739	217,008276	287,067942	313,701379
1635	80,5049373	95,7600291	142,926738	177,942099	217,136558	287,201168	313,841941
1636	80,580763	95,8471811	143,035229	178,062466	217,264836	287,334374	313,98248
1637	80,6566138	95,934359	143,143736	178,182841	217,393113	287,467561	314,122995
1638	80,7324895	96,0215629	143,25226	178,303224	217,521386	287,600728	314,263488
1639	80,8083902	96,1087929	143,360799	178,423615	217,649657	287,733876	314,403958
1640	80,8843159	96,1960487	143,469355	178,544013	217,777925	287,867004	314,544405
1641	80,9602667	96,2833306	143,577926	178,664419	217,90619	288,000112	314,684829
1642	81,0362424	96,3706383	143,686513	178,784833	218,034453	288,133201	314,825229
1643	81,112243	96,4579721	143,795116	178,905255	218,162713	288,26627	314,965608
1644	81,1882687	96,5453317	143,903735	179,025685	218,290971	288,399319	315,105963
1645	81,2643193	96,6327173	144,01237	179,146122	218,419226	288,532349	315,246295
1646	81,3403949	96,7201288	144,121021	179,266567	218,547478	288,665359	315,386605
1647	81,4164954	96,8075662	144,229688	179,38702	218,675727	288,79835	315,526891
1648	81,4926209	96,8950295	144,338371	179,50748	218,803974	288,931322	315,667155
1649	81,5687713	96,9825187	144,44707	179,627949	218,932219	289,064273	315,807396
1650	81,6449466	97,0700338	144,555784	179,748425	219,06046	289,197206	315,947615
1651	81,7211468	97,1575748	144,664514	179,868908	219,188699	289,330119	316,08781

1652	81,797372	97,2451416	144,773261	179,9894	219,316935	289,463012	316,227983
1653	81,873622	97,3327343	144,882023	180,109899	219,445169	289,595886	316,368133
1654	81,949897	97,4203528	144,990801	180,230406	219,5734	289,728741	316,50826
1655	82,0261969	97,5079972	145,099595	180,350921	219,701628	289,861576	316,648365
1656	82,1025216	97,5956675	145,208404	180,471443	219,829854	289,994392	316,788447
1657	82,1788712	97,6833635	145,31723	180,591973	219,958077	290,127188	316,928507
1658	82,2552457	97,7710854	145,426071	180,712511	220,086297	290,259966	317,068543
1659	82,3316451	97,8588331	145,534928	180,833057	220,214515	290,392723	317,208557
1660	82,4080693	97,9466066	145,643801	180,95361	220,34273	290,525462	317,348549
1661	82,4845184	98,0344059	145,75269	181,074171	220,470943	290,658181	317,488518
1662	82,5609923	98,1222309	145,861595	181,194739	220,599153	290,790881	317,628464
1663	82,6374911	98,2100818	145,970515	181,315315	220,72736	290,923561	317,768388
1664	82,7140147	98,2979584	146,079451	181,435899	220,855565	291,056222	317,908289
1665	82,7905631	98,3858608	146,188403	181,556491	220,983767	291,188864	318,048168
1666	82,8671363	98,473789	146,297371	181,67709	221,111966	291,321487	318,188025
1667	82,9437343	98,5617429	146,406355	181,797697	221,240163	291,45409	318,327858
1668	83,0203572	98,6497225	146,515354	181,918312	221,368357	291,586675	318,46767
1669	83,0970048	98,7377279	146,624369	182,038934	221,496549	291,71924	318,607459
1670	83,1736772	98,825759	146,733399	182,159564	221,624737	291,851786	318,747225
1671	83,2503745	98,9138158	146,842446	182,280202	221,752924	291,984312	318,886969
1672	83,3270964	99,0018984	146,951508	182,400847	221,881107	292,11682	319,026691
1673	83,4038432	99,0900066	147,060586	182,5215	222,009288	292,249308	319,16639
1674	83,4806147	99,1781405	147,16968	182,642161	222,137467	292,381777	319,306067
1675	83,557411	99,2663001	147,278789	182,762829	222,265643	292,514227	319,445722
1676	83,634232	99,3544854	147,387914	182,883505	222,393816	292,646659	319,585354
1677	83,7110778	99,4426964	147,497055	183,004188	222,521987	292,77907	319,724964
1678	83,7879483	99,530933	147,606211	183,124879	222,650155	292,911463	319,864552
1679	83,8648435	99,6191953	147,715383	183,245578	222,77832	293,043837	320,004117
1680	83,9417635	99,7074832	147,824571	183,366284	222,906483	293,176192	320,14366
1681	84,0187082	99,7957968	147,933774	183,486998	223,034643	293,308528	320,283181
1682	84,0956775	99,884136	148,042994	183,60772	223,162801	293,440844	320,42268
1683	84,1726716	99,9725008	148,152228	183,728449	223,290956	293,573142	320,562157
1684	84,2496904	100,060891	148,261479	183,849185	223,419108	293,705421	320,701611
1685	84,3267338	100,149307	148,370745	183,96993	223,547258	293,83768	320,841043
1686	84,403802	100,237749	148,480026	184,090682	223,675405	293,969921	320,980453
1687	84,4808948	100,326216	148,589324	184,211441	223,80355	294,102143	321,119841
1688	84,5580123	100,414709	148,698636	184,332208	223,931692	294,234346	321,259207
1689	84,6351544	100,503227	148,807965	184,452983	224,059832	294,36653	321,39855
1690	84,7123212	100,591771	148,917309	184,573765	224,187969	294,498695	321,537872
1691	84,7895127	100,680341	149,026669	184,694555	224,316103	294,630841	321,677171
1692	84,8667288	100,768936	149,136044	184,815352	224,444235	294,762968	321,816448
1693	84,9439695	100,857557	149,245435	184,936157	224,572364	294,895077	321,955704
1694	85,0212349	100,946203	149,354841	185,05697	224,70049	295,027166	322,094937
1695	85,0985248	101,034874	149,464263	185,17779	224,828614	295,159237	322,234148
1696	85,1758394	101,123572	149,573701	185,298618	224,956736	295,291289	322,373338
1697	85,2531786	101,212294	149,683154	185,419453	225,084855	295,423322	322,512505

1698	85,3305424	101,301043	149,792622	185,540295	225,212971	295,555336	322,65165
1699	85,4079308	101,389816	149,902107	185,661146	225,341085	295,687332	322,790774
1700	85,4853438	101,478616	150,011606	185,782003	225,469196	295,819308	322,929875
1701	85,5627813	101,56744	150,121121	185,902869	225,597304	295,951266	323,068955
1702	85,6402435	101,65629	150,230652	186,023742	225,72541	296,083205	323,208013
1703	85,7177302	101,745166	150,340198	186,144622	225,853514	296,215126	323,347049
1704	85,7952414	101,834067	150,44976	186,26551	225,981615	296,347028	323,486063
1705	85,8727772	101,922994	150,559337	186,386405	226,109713	296,478911	323,625055
1706	85,9503376	102,011946	150,66893	186,507308	226,237809	296,610775	323,764025
1707	86,0279225	102,100923	150,778538	186,628219	226,365902	296,742621	323,902973
1708	86,105532	102,189926	150,888162	186,749137	226,493993	296,874448	324,0419
1709	86,1831659	102,278954	150,997801	186,870062	226,622081	297,006256	324,180805
1710	86,2608244	102,368008	151,107456	186,990995	226,750166	297,138046	324,319688
1711	86,3385074	102,457087	151,217126	187,111935	226,878249	297,269817	324,45855
1712	86,4162149	102,546192	151,326811	187,232883	227,00633	297,40157	324,597389
1713	86,4939469	102,635322	151,436512	187,353839	227,134408	297,533304	324,736207
1714	86,5717034	102,724477	151,546229	187,474802	227,262483	297,665019	324,875003
1715	86,6494844	102,813658	151,655961	187,595772	227,390556	297,796716	325,013778
1716	86,7272899	102,902864	151,765708	187,71675	227,518626	297,928394	325,152531
1717	86,8051199	102,992095	151,875471	187,837735	227,646694	298,060054	325,291262
1718	86,8829743	103,081352	151,985249	187,958728	227,774759	298,191695	325,429972
1719	86,9608532	103,170634	152,095042	188,079728	227,902822	298,323318	325,56866
1720	87,0387565	103,259942	152,204851	188,200736	228,030882	298,454922	325,707326
1721	87,1166843	103,349274	152,314675	188,321751	228,158939	298,586508	325,845971
1722	87,1946365	103,438633	152,424515	188,442774	228,286994	298,718075	325,984594
1723	87,2726132	103,528016	152,53437	188,563804	228,415047	298,849624	326,123196
1724	87,3506143	103,617425	152,64424	188,684841	228,543097	298,981154	326,261776
1725	87,4286398	103,706859	152,754126	188,805886	228,671144	299,112666	326,400335
1726	87,5066897	103,796318	152,864027	188,926938	228,799189	299,244159	326,538872
1727	87,5847641	103,885803	152,973943	189,047998	228,927231	299,375634	326,677387
1728	87,6628628	103,975313	153,083875	189,169065	229,055271	299,507091	326,815882
1729	87,7409859	104,064848	153,193822	189,29014	229,183308	299,638529	326,954354
1730	87,8191335	104,154408	153,303785	189,411222	229,311343	299,769949	327,092805
1731	87,8973054	104,243994	153,413762	189,532311	229,439375	299,901351	327,231235
1732	87,9755017	104,333605	153,523755	189,653408	229,567405	300,032734	327,369644
1733	88,0537224	104,423241	153,633764	189,774513	229,695432	300,164099	327,508031
1734	88,1319674	104,512902	153,743787	189,895624	229,823457	300,295445	327,646396
1735	88,2102368	104,602589	153,853826	190,016743	229,951479	300,426774	327,78474
1736	88,2885305	104,692301	153,963881	190,13787	230,079499	300,558084	327,923063
1737	88,3668486	104,782038	154,07395	190,259004	230,207516	300,689375	328,061365
1738	88,445191	104,8718	154,184035	190,380145	230,335531	300,820649	328,199645
1739	88,5235578	104,961588	154,294135	190,501294	230,463543	300,951904	328,337904
1740	88,6019488	105,0514	154,40425	190,62245	230,591553	301,083141	328,476142
1741	88,6803642	105,141238	154,514381	190,743613	230,71956	301,21436	328,614358
1742	88,758804	105,231101	154,624527	190,864784	230,847564	301,34556	328,752553
1743	88,837268	105,32099	154,734688	190,985962	230,975566	301,476743	328,890727

1744	88,9157563	105,410903	154,844864	191,107147	231,103566	301,607907	329,02888
1745	88,9942689	105,500841	154,955055	191,22834	231,231563	301,739053	329,167011
1746	89,0728058	105,590805	155,065262	191,349541	231,359558	301,870181	329,305121
1747	89,151367	105,680794	155,175484	191,470748	231,48755	302,00129	329,443211
1748	89,2299524	105,770808	155,285721	191,591963	231,61554	302,132382	329,581278
1749	89,3085621	105,860847	155,395973	191,713185	231,743527	302,263455	329,719325
1750	89,3871961	105,950911	155,506241	191,834415	231,871511	302,394511	329,857351
1751	89,4658544	106,041	155,616524	191,955652	231,999493	302,525548	329,995355
1752	89,5445369	106,131115	155,726822	192,076896	232,127473	302,656567	330,133339
1753	89,6232436	106,221254	155,837135	192,198148	232,25545	302,787568	330,271301
1754	89,7019745	106,311419	155,947463	192,319407	232,383425	302,918551	330,409242
1755	89,7807297	106,401608	156,057806	192,440673	232,511397	303,049516	330,547162
1756	89,8595092	106,491823	156,168165	192,561947	232,639367	303,180463	330,685061
1757	89,9383128	106,582063	156,278539	192,683228	232,767334	303,311392	330,82294
1758	90,0171406	106,672328	156,388927	192,804516	232,895299	303,442303	330,960797
1759	90,0959927	106,762617	156,499331	192,925812	233,023261	303,573196	331,098633
1760	90,1748689	106,852932	156,60975	193,047114	233,151221	303,704071	331,236448
1761	90,2537694	106,943272	156,720185	193,168425	233,279178	303,834928	331,374242
1762	90,332694	107,033637	156,830634	193,289742	233,407133	303,965767	331,512015
1763	90,4116428	107,124027	156,941098	193,411067	233,535085	304,096588	331,649767
1764	90,4906158	107,214442	157,051578	193,532399	233,663035	304,227392	331,787499
1765	90,5696129	107,304882	157,162072	193,653738	233,790983	304,358177	331,925209
1766	90,6486342	107,395347	157,272582	193,775085	233,918928	304,488944	332,062899
1767	90,7276797	107,485837	157,383107	193,896439	234,04687	304,619694	332,200567
1768	90,8067493	107,576352	157,493647	194,0178	234,17481	304,750425	332,338215
1769	90,885843	107,666892	157,604202	194,139168	234,302748	304,881139	332,475842
1770	90,9649609	107,757457	157,714772	194,260544	234,430683	305,011835	332,613448
1771	91,0441029	107,848047	157,825357	194,381927	234,558615	305,142513	332,751033
1772	91,123269	107,938662	157,935957	194,503317	234,686545	305,273173	332,888598
1773	91,2024593	108,029302	158,046572	194,624715	234,814473	305,403816	333,026142
1774	91,2816736	108,119967	158,157202	194,746119	234,942398	305,53444	333,163665
1775	91,3609121	108,210656	158,267847	194,867531	235,070321	305,665047	333,301167
1776	91,4401746	108,301371	158,378508	194,988951	235,198242	305,795636	333,438648
1777	91,5194613	108,39211	158,489183	195,110377	235,326159	305,926207	333,576109
1778	91,598772	108,482875	158,599873	195,231811	235,454075	306,056761	333,713549
1779	91,6781068	108,573664	158,710578	195,353252	235,581988	306,187297	333,850968
1780	91,7574657	108,664478	158,821299	195,4747	235,709898	306,317815	333,988367
1781	91,8368486	108,755318	158,932034	195,596156	235,837806	306,448315	334,125745
1782	91,9162556	108,846182	159,042784	195,717618	235,965712	306,578798	334,263102
1783	91,9956867	108,93707	159,153549	195,839088	236,093615	306,709263	334,400439
1784	92,0751418	109,027984	159,26433	195,960565	236,221516	306,83971	334,537755
1785	92,154621	109,118923	159,375125	196,082049	236,349414	306,970139	334,67505
1786	92,2341242	109,209886	159,485935	196,203541	236,47731	307,100551	334,812325
1787	92,3136514	109,300875	159,59676	196,32504	236,605203	307,230946	334,949579
1788	92,3932026	109,391888	159,7076	196,446546	236,733094	307,361322	335,086813
1789	92,4727779	109,482926	159,818455	196,568059	236,860983	307,491681	335,224026

1790	92,5523771	109,573989	159,929325	196,689579	236,988869	307,622023	335,361219
1791	92,6320004	109,665076	160,04021	196,811107	237,116753	307,752347	335,498391
1792	92,7116476	109,756189	160,151109	196,932641	237,244634	307,882653	335,635542
1793	92,7913189	109,847326	160,262024	197,054183	237,372513	308,012942	335,772673
1794	92,8710141	109,938488	160,372954	197,175732	237,500389	308,143213	335,909784
1795	92,9507334	110,029675	160,483898	197,297289	237,628263	308,273467	336,046874
1796	93,0304766	110,120887	160,594857	197,418852	237,756134	308,403703	336,183944
1797	93,1102437	110,212123	160,705832	197,540423	237,884004	308,533921	336,320993
1798	93,1900348	110,303384	160,816821	197,662	238,01187	308,664122	336,458022
1799	93,2698499	110,39467	160,927825	197,783585	238,139734	308,794306	336,59503
1800	93,349689	110,485981	161,038844	197,905177	238,267596	308,924472	336,732018
1801	93,4295519	110,577316	161,149877	198,026777	238,395456	309,054621	336,868986
1802	93,5094388	110,668677	161,260926	198,148383	238,523313	309,184752	337,005933
1803	93,5893497	110,760061	161,371989	198,269997	238,651167	309,314865	337,14286
1804	93,6692844	110,851471	161,483068	198,391617	238,779019	309,444962	337,279766
1805	93,7492431	110,942906	161,594161	198,513245	238,906869	309,575041	337,416653
1806	93,8292257	111,034365	161,705269	198,63488	239,034716	309,705102	337,553519
1807	93,9092322	111,125848	161,816392	198,756522	239,162561	309,835146	337,690364
1808	93,9892626	111,217357	161,927529	198,878171	239,290404	309,965173	337,82719
1809	94,0693169	111,30889	162,038682	198,999828	239,418244	310,095182	337,963995
1810	94,149395	111,400448	162,149849	199,121491	239,546081	310,225174	338,10078
1811	94,2294971	111,492031	162,261031	199,243162	239,673917	310,355148	338,237544
1812	94,309623	111,583638	162,372228	199,36484	239,80175	310,485106	338,374289
1813	94,3897728	111,67527	162,483439	199,486525	239,92958	310,615045	338,511013
1814	94,4699465	111,766926	162,594666	199,608216	240,057408	310,744968	338,647717
1815	94,550144	111,858607	162,705907	199,729916	240,185234	310,874873	338,784401
1816	94,6303654	111,950313	162,817163	199,851622	240,313057	311,004761	338,921064
1817	94,7106106	112,042044	162,928434	199,973335	240,440878	311,134632	339,057708
1818	94,7908797	112,133799	163,039719	200,095055	240,568696	311,264485	339,194331
1819	94,8711726	112,225579	163,151019	200,216783	240,696512	311,394322	339,330935
1820	94,9514893	112,317383	163,262334	200,338517	240,824326	311,524141	339,467518
1821	95,0318299	112,409212	163,373664	200,460259	240,952137	311,653942	339,604081
1822	95,1121942	112,501066	163,485009	200,582008	241,079946	311,783727	339,740624
1823	95,1925824	112,592944	163,596368	200,703764	241,207753	311,913494	339,877147
1824	95,2729943	112,684846	163,707742	200,825526	241,335557	312,043244	340,01365
1825	95,3534301	112,776774	163,81913	200,947296	241,463359	312,172977	340,150132
1826	95,4338897	112,868726	163,930534	201,069073	241,591158	312,302693	340,286595
1827	95,514373	112,960702	164,041952	201,190858	241,718955	312,432391	340,423038
1828	95,5948801	113,052703	164,153384	201,312649	241,846749	312,562073	340,559461
1829	95,675411	113,144729	164,264832	201,434447	241,974542	312,691737	340,695863
1830	95,7559657	113,236779	164,376294	201,556252	242,102331	312,821384	340,832246
1831	95,8365441	113,328854	164,487771	201,678065	242,230119	312,951014	340,968609
1832	95,9171463	113,420953	164,599262	201,799884	242,357904	313,080627	341,104952
1833	95,9977722	113,513076	164,710768	201,92171	242,485687	313,210223	341,241275
1834	96,0784219	113,605225	164,822289	202,043544	242,613467	313,339801	341,377578
1835	96,1590953	113,697398	164,933824	202,165384	242,741245	313,469363	341,513861

1836	96,2397924	113,789595	165,045375	202,287232	242,86902	313,598908	341,650125
1837	96,3205133	113,881817	165,156939	202,409086	242,996793	313,728435	341,786368
1838	96,4012579	113,974063	165,268519	202,530948	243,124564	313,857946	341,922592
1839	96,4820262	114,066334	165,380113	202,652817	243,252333	313,987439	342,058795
1840	96,5628182	114,158629	165,491721	202,774692	243,380099	314,116916	342,194979
1841	96,6436339	114,250948	165,603345	202,896575	243,507862	314,246375	342,331143
1842	96,7244733	114,343293	165,714982	203,018464	243,635624	314,375818	342,467288
1843	96,8053364	114,435661	165,826635	203,140361	243,763383	314,505243	342,603412
1844	96,8862232	114,528054	165,938302	203,262265	243,891139	314,634652	342,739517
1845	96,9671336	114,620472	166,049984	203,384175	244,018894	314,764043	342,875602
1846	97,0480678	114,712914	166,16168	203,506093	244,146646	314,893418	343,011667
1847	97,1290255	114,80538	166,273391	203,628018	244,274395	315,022776	343,147712
1848	97,210007	114,897871	166,385116	203,74995	244,402142	315,152116	343,283738
1849	97,2910121	114,990386	166,496856	203,871888	244,529887	315,28144	343,419744
1850	97,3720409	115,082926	166,608611	203,993834	244,65763	315,410747	343,55573
1851	97,4530933	115,17549	166,72038	204,115787	244,78537	315,540037	343,691697
1852	97,5341693	115,268078	166,832163	204,237746	244,913107	315,669311	343,827644
1853	97,615269	115,360691	166,943962	204,359713	245,040843	315,798567	343,963571
1854	97,6963922	115,453328	167,055774	204,481686	245,168576	315,927806	344,099479
1855	97,7775392	115,54599	167,167602	204,603667	245,296307	316,057029	344,235367
1856	97,8587097	115,638676	167,279443	204,725654	245,424035	316,186235	344,371236
1857	97,9399038	115,731386	167,3913	204,847649	245,551761	316,315424	344,507084
1858	98,0211215	115,824121	167,503171	204,96965	245,679485	316,444596	344,642914
1859	98,1023629	115,91688	167,615056	205,091659	245,807206	316,573752	344,778723
1860	98,1836278	116,009663	167,726956	205,213674	245,934925	316,70289	344,914513
1861	98,2649163	116,102471	167,83887	205,335696	246,062642	316,832012	345,050284
1862	98,3462284	116,195303	167,950799	205,457726	246,190356	316,961117	345,186035
1863	98,427564	116,288159	168,062742	205,579762	246,318068	317,090206	345,321766
1864	98,5089232	116,38104	168,1747	205,701805	246,445778	317,219277	345,457478
1865	98,590306	116,473945	168,286672	205,823855	246,573485	317,348332	345,593171
1866	98,6717123	116,566874	168,398659	205,945912	246,70119	317,47737	345,728844
1867	98,7531422	116,659828	168,51066	206,067976	246,828893	317,606392	345,864498
1868	98,8345956	116,752806	168,622676	206,190047	246,956593	317,735396	346,000132
1869	98,9160726	116,845808	168,734706	206,312124	247,084291	317,864384	346,135746
1870	98,9975731	116,938835	168,846751	206,434209	247,211987	317,993356	346,271341
1871	99,0790971	117,031885	168,95881	206,556301	247,33968	318,12231	346,406917
1872	99,1606447	117,12496	169,070883	206,678399	247,467371	318,251249	346,542474
1873	99,2422157	117,218059	169,182971	206,800505	247,59506	318,38017	346,678011
1874	99,3238103	117,311183	169,295073	206,922617	247,722746	318,509075	346,813528
1875	99,4054283	117,404331	169,40719	207,044736	247,85043	318,637963	346,949027
1876	99,4870699	117,497503	169,519321	207,166862	247,978112	318,766835	347,084506
1877	99,568735	117,590699	169,631467	207,288995	248,105791	318,89569	347,219965
1878	99,6504235	117,683919	169,743627	207,411135	248,233468	319,024528	347,355405
1879	99,7321355	117,777164	169,855801	207,533282	248,361143	319,15335	347,490826
1880	99,813871	117,870433	169,96799	207,655436	248,488815	319,282155	347,626228
1881	99,89563	117,963726	170,080193	207,777597	248,616486	319,410944	347,76161

1882	99,9774124	118,057043	170,19241	207,899764	248,744153	319,539716	347,896973
1883	100,059218	118,150384	170,304642	208,021938	248,871819	319,668471	348,032317
1884	100,141048	118,24375	170,416889	208,14412	248,999482	319,797211	348,167642
1885	100,2229	118,33714	170,529149	208,266308	249,127143	319,925933	348,302947
1886	100,304777	118,430554	170,641424	208,388503	249,254802	320,054639	348,438233
1887	100,386676	118,523992	170,753713	208,510704	249,382458	320,183329	348,5735
1888	100,468599	118,617454	170,866017	208,632913	249,510112	320,312002	348,708748
1889	100,550546	118,710941	170,978335	208,755129	249,637763	320,440659	348,843977
1890	100,632516	118,804451	171,090667	208,877351	249,765413	320,569299	348,979186
1891	100,714509	118,897986	171,203014	208,99958	249,89306	320,697923	349,114376
1892	100,796526	118,991545	171,315375	209,121816	250,020705	320,82653	349,249547
1893	100,878566	119,085128	171,42775	209,244059	250,148347	320,955121	349,384699
1894	100,960629	119,178735	171,540139	209,366309	250,275987	321,083695	349,519832
1895	101,042716	119,272366	171,652543	209,488566	250,403625	321,212254	349,654946
1896	101,124827	119,366021	171,764961	209,610829	250,531261	321,340795	349,79004
1897	101,20696	119,459701	171,877394	209,7331	250,658894	321,469321	349,925116
1898	101,289117	119,553404	171,989841	209,855377	250,786525	321,59783	350,060172
1899	101,371298	119,647132	172,102302	209,977661	250,914154	321,726322	350,19521
1900	101,453502	119,740883	172,214777	210,099951	251,04178	321,854798	350,330228
1901	101,535729	119,834659	172,327266	210,222249	251,169404	321,983258	350,465228
1902	101,617979	119,928459	172,43977	210,344553	251,297026	322,111702	350,600208
1903	101,700253	120,022283	172,552288	210,466865	251,424646	322,240129	350,735169
1904	101,78255	120,116131	172,664821	210,589183	251,552263	322,36854	350,870112
1905	101,864871	120,210003	172,777367	210,711508	251,679878	322,496935	351,005035
1906	101,947214	120,303899	172,889928	210,833839	251,807491	322,625313	351,139939
1907	102,029582	120,397819	173,002503	210,956178	251,935101	322,753675	351,274825
1908	102,111972	120,491763	173,115092	211,078523	252,062709	322,882021	351,409691
1909	102,194386	120,585731	173,227696	211,200875	252,190315	323,010351	351,544539
1910	102,276823	120,679723	173,340313	211,323234	252,317919	323,138664	351,679368
1911	102,359283	120,773739	173,452945	211,445599	252,44552	323,266961	351,814178
1912	102,441767	120,867779	173,565591	211,567972	252,573119	323,395242	351,948968
1913	102,524274	120,961843	173,678252	211,690351	252,700716	323,523507	352,08374
1914	102,606804	121,055932	173,790926	211,812737	252,82831	323,651755	352,218494
1915	102,689357	121,150044	173,903615	211,93513	252,955902	323,779988	352,353228
1916	102,771934	121,24418	174,016318	212,057529	253,083492	323,908204	352,487943
1917	102,854534	121,33834	174,129035	212,179935	253,21108	324,036404	352,62264
1918	102,937157	121,432524	174,241766	212,302348	253,338665	324,164588	352,757318
1919	103,019804	121,526732	174,354511	212,424768	253,466249	324,292755	352,891977
1920	103,102474	121,620964	174,467271	212,547195	253,59383	324,420907	353,026617
1921	103,185167	121,715219	174,580044	212,669628	253,721408	324,549042	353,161239
1922	103,267883	121,809499	174,692832	212,792068	253,848984	324,677162	353,295841
1923	103,350623	121,903803	174,805634	212,914515	253,976559	324,805265	353,430425
1924	103,433385	121,99813	174,91845	213,036969	254,10413	324,933352	353,56499
1925	103,516171	122,092482	175,03128	213,159429	254,2317	325,061423	353,699537
1926	103,59898	122,186857	175,144125	213,281896	254,359267	325,189478	353,834065
1927	103,681813	122,281257	175,256983	213,40437	254,486832	325,317517	353,968574

1928	103,764668	122,37568	175,369856	213,52685	254,614395	325,445539	354,103064
1929	103,847547	122,470127	175,482743	213,649337	254,741956	325,573546	354,237536
1930	103,930449	122,564598	175,595643	213,771831	254,869514	325,701537	354,371989
1931	104,013374	122,659093	175,708558	213,894332	254,99707	325,829512	354,506423
1932	104,096322	122,753612	175,821487	214,016839	255,124624	325,95747	354,640839
1933	104,179294	122,848155	175,93443	214,139354	255,252175	326,085413	354,775236
1934	104,262289	122,942721	176,047388	214,261874	255,379725	326,21334	354,909614
1935	104,345306	123,037312	176,160359	214,384402	255,507272	326,341251	355,043974
1936	104,428347	123,131926	176,273344	214,506936	255,634816	326,469145	355,178315
1937	104,511412	123,226564	176,386344	214,629477	255,762359	326,597024	355,312638
1938	104,594499	123,321226	176,499357	214,752025	255,889899	326,724887	355,446942
1939	104,677609	123,415912	176,612385	214,874579	256,017437	326,852734	355,581228
1940	104,760743	123,510621	176,725426	214,99714	256,144973	326,980565	355,715495
1941	104,8439	123,605355	176,838482	215,119708	256,272507	327,10838	355,849743
1942	104,927079	123,700112	176,951551	215,242283	256,400038	327,236179	355,983973
1943	105,010282	123,794893	177,064635	215,364864	256,527567	327,363962	356,118185
1944	105,093508	123,889698	177,177733	215,487452	256,655094	327,49173	356,252378
1945	105,176758	123,984526	177,290844	215,610046	256,782619	327,619481	356,386552
1946	105,26003	124,079379	177,40397	215,732647	256,910141	327,747217	356,520708
1947	105,343325	124,174255	177,51711	215,855255	257,037661	327,874937	356,654846
1948	105,426644	124,269155	177,630264	215,97787	257,165179	328,00264	356,788965
1949	105,509985	124,364078	177,743431	216,100491	257,292695	328,130329	356,923066
1950	105,59335	124,459026	177,856613	216,223119	257,420208	328,258001	357,057148
1951	105,676737	124,553997	177,969809	216,345753	257,54772	328,385657	357,191212
1952	105,760148	124,648992	178,083018	216,468394	257,675229	328,513298	357,325257
1953	105,843582	124,744011	178,196242	216,591042	257,802735	328,640923	357,459284
1954	105,927039	124,839053	178,30948	216,713697	257,93024	328,768532	357,593293
1955	106,010519	124,934119	178,422731	216,836358	258,057742	328,896125	357,727283
1956	106,094022	125,029209	178,535997	216,959026	258,185242	329,023702	357,861255
1957	106,177548	125,124323	178,649276	217,0817	258,31274	329,151264	357,995209
1958	106,261097	125,21946	178,76257	217,204381	258,440236	329,27881	358,129144
1959	106,344669	125,314621	178,875877	217,327069	258,56773	329,40634	358,263061
1960	106,428264	125,409806	178,989199	217,449763	258,695221	329,533855	358,39696
1961	106,511883	125,505014	179,102534	217,572464	258,82271	329,661354	358,53084
1962	106,595524	125,600246	179,215883	217,695172	258,950197	329,788837	358,664702
1963	106,679188	125,695502	179,329246	217,817886	259,077681	329,916304	358,798546
1964	106,762875	125,790782	179,442623	217,940607	259,205164	330,043756	358,932371
1965	106,846585	125,886085	179,556014	218,063335	259,332644	330,171192	359,066179
1966	106,930319	125,981412	179,669419	218,186069	259,460122	330,298612	359,199968
1967	107,014075	126,076762	179,782838	218,308809	259,587598	330,426017	359,333739
1968	107,097854	126,172136	179,896271	218,431557	259,715071	330,553406	359,467491
1969	107,181656	126,267534	180,009717	218,554311	259,842542	330,680779	359,601226
1970	107,265481	126,362955	180,123178	218,677071	259,970012	330,808137	359,734942
1971	107,349329	126,4584	180,236652	218,799838	260,097479	330,935479	359,86864
1972	107,4332	126,553869	180,35014	218,922612	260,224943	331,062806	360,00232
1973	107,517094	126,649361	180,463643	219,045392	260,352406	331,190117	360,135982

1974	107,601011	126,744877	180,577159	219,168179	260,479866	331,317412	360,269625
1975	107,684951	126,840416	180,690688	219,290973	260,607324	331,444692	360,403251
1976	107,768914	126,93598	180,804232	219,413773	260,73478	331,571956	360,536858
1977	107,8529	127,031566	180,91779	219,53658	260,862234	331,699205	360,670448
1978	107,936909	127,127176	181,031361	219,659393	260,989685	331,826438	360,804019
1979	108,02094	127,22281	181,144946	219,782213	261,117135	331,953655	360,937572
1980	108,104995	127,318468	181,258545	219,905039	261,244582	332,080857	361,071107
1981	108,189072	127,414149	181,372158	220,027872	261,372027	332,208044	361,204624
1982	108,273173	127,509853	181,485785	220,150712	261,49947	332,335215	361,338123
1983	108,357296	127,605581	181,599425	220,273558	261,62691	332,46237	361,471604
1984	108,441442	127,701333	181,713079	220,396411	261,754349	332,58951	361,605067
1985	108,525611	127,797108	181,826748	220,51927	261,881785	332,716635	361,738512
1986	108,609803	127,892907	181,940429	220,642136	262,009219	332,843744	361,871938
1987	108,694018	127,988729	182,054125	220,765008	262,136651	332,970837	362,005347
1988	108,778256	128,084575	182,167835	220,887887	262,26408	333,097916	362,138738
1989	108,862517	128,180444	182,281558	221,010772	262,391508	333,224978	362,272111
1990	108,9468	128,276337	182,395295	221,133664	262,518933	333,352026	362,405466
1991	109,031106	128,372253	182,509046	221,256563	262,646356	333,479057	362,538803
1992	109,115436	128,468193	182,62281	221,379468	262,773777	333,606074	362,672122
1993	109,199788	128,564157	182,736589	221,50238	262,901196	333,733075	362,805423
1994	109,284163	128,660143	182,850381	221,625298	263,028612	333,86006	362,938707
1995	109,36856	128,756154	182,964187	221,748223	263,156027	333,987031	363,071972
1996	109,452981	128,852188	183,078007	221,871154	263,283439	334,113985	363,20522
1997	109,537424	128,948245	183,19184	221,994092	263,410849	334,240925	363,338449
1998	109,621891	129,044326	183,305687	222,117036	263,538257	334,367849	363,471661
1999	109,70638	129,14043	183,419548	222,239987	263,665662	334,494758	363,604855
2000	109,790891	129,236557	183,533422	222,362944	263,793066	334,621651	363,738031
2001	109,875426	129,332708	183,647311	222,485908	263,920467	334,748529	363,871189
2002	109,959984	129,428883	183,761213	222,608878	264,047866	334,875392	364,004329
2003	110,044564	129,525081	183,875128	222,731855	264,175263	335,00224	364,137452
2004	110,129167	129,621302	183,989058	222,854838	264,302658	335,129072	364,270557
2005	110,213793	129,717547	184,103001	222,977828	264,430051	335,255889	364,403644
2006	110,298442	129,813815	184,216958	223,100825	264,557441	335,38269	364,536713
2007	110,383113	129,910107	184,330928	223,223827	264,684829	335,509477	364,669765
2008	110,467807	130,006422	184,444913	223,346837	264,812216	335,636248	364,802798
2009	110,552524	130,102761	184,55891	223,469853	264,9396	335,763003	364,935814
2010	110,637264	130,199123	184,672922	223,592875	265,066981	335,889744	365,068813
2011	110,722026	130,295508	184,786947	223,715904	265,194361	336,016469	365,201793
2012	110,806812	130,391916	184,900986	223,838939	265,321739	336,143179	365,334756
2013	110,891619	130,488348	185,015039	223,961981	265,449114	336,269874	365,467701
2014	110,97645	130,584804	185,129105	224,085029	265,576487	336,396554	365,600628
2015	111,061304	130,681283	185,243185	224,208084	265,703858	336,523219	365,733538
2016	111,14618	130,777785	185,357278	224,331145	265,831227	336,649868	365,86643
2017	111,231079	130,87431	185,471385	224,454213	265,958594	336,776502	365,999305
2018	111,316	130,970859	185,585506	224,577287	266,085959	336,903121	366,132162
2019	111,400945	131,067431	185,699641	224,700367	266,213321	337,029725	366,265001

2020	111,485912	131,164027	185,813789	224,823454	266,340681	337,156313	366,397822
2021	111,570902	131,260645	185,92795	224,946548	266,468039	337,282887	366,530626
2022	111,655914	131,357288	186,042125	225,069648	266,595395	337,409445	366,663413
2023	111,740949	131,453953	186,156314	225,192754	266,722749	337,535989	366,796182
2024	111,826007	131,550642	186,270517	225,315867	266,850101	337,662517	366,928933
2025	111,911088	131,647354	186,384733	225,438986	266,977451	337,78903	367,061666
2026	111,996191	131,744089	186,498963	225,562112	267,104798	337,915528	367,194383
2027	112,081317	131,840848	186,613206	225,685244	267,232143	338,042011	367,327081
2028	112,166465	131,93763	186,727463	225,808383	267,359486	338,168478	367,459762
2029	112,251636	132,034435	186,841733	225,931528	267,486827	338,294931	367,592426
2030	112,33683	132,131264	186,956017	226,054679	267,614166	338,421369	367,725072
2031	112,422047	132,228115	187,070315	226,177837	267,741503	338,547791	367,8577
2032	112,507286	132,32499	187,184626	226,301002	267,868838	338,674199	367,990311
2033	112,592548	132,421889	187,29895	226,424172	267,99617	338,800591	368,122905
2034	112,677832	132,51881	187,413289	226,547349	268,1235	338,926969	368,255481
2035	112,763139	132,615755	187,52764	226,670533	268,250829	339,053331	368,388039
2036	112,848469	132,712723	187,642006	226,793723	268,378155	339,179679	368,520581
2037	112,933821	132,809714	187,756385	226,916919	268,505479	339,306012	368,653104
2038	113,019196	132,906729	187,870777	227,040122	268,6328	339,432329	368,785611
2039	113,104594	133,003767	187,985183	227,163331	268,76012	339,558632	368,9181
2040	113,190014	133,100828	188,099602	227,286547	268,887438	339,684919	369,050571
2041	113,275457	133,197912	188,214035	227,409769	269,014753	339,811192	369,183025
2042	113,360922	133,295019	188,328482	227,532997	269,142066	339,93745	369,315462
2043	113,44641	133,39215	188,442942	227,656232	269,269377	340,063692	369,447881
2044	113,531921	133,489303	188,557415	227,779473	269,396687	340,18992	369,580284
2045	113,617454	133,58648	188,671902	227,902721	269,523993	340,316133	369,712668
2046	113,70301	133,683681	188,786403	228,025975	269,651298	340,442331	369,845036
2047	113,788588	133,780904	188,900917	228,149235	269,778601	340,568514	369,977386
2048	113,874189	133,87815	189,015444	228,272502	269,905901	340,694682	370,109718
2049	113,959812	133,97542	189,129985	228,395775	270,0332	340,820836	370,242034
2050	114,045458	134,072713	189,244539	228,519055	270,160496	340,946974	370,374332
2051	114,131127	134,170029	189,359107	228,64234	270,28779	341,073098	370,506613
2052	114,216818	134,267368	189,473689	228,765633	270,415083	341,199206	370,638876
2053	114,302531	134,36473	189,588283	228,888931	270,542373	341,3253	370,771123
2054	114,388268	134,462116	189,702892	229,012236	270,66966	341,451379	370,903352
2055	114,474026	134,559524	189,817513	229,135548	270,796946	341,577443	371,035564
2056	114,559807	134,656956	189,932148	229,258865	270,92423	341,703493	371,167758
2057	114,645611	134,754411	190,046797	229,382189	271,051511	341,829527	371,299936
2058	114,731437	134,851888	190,161459	229,50552	271,178791	341,955547	371,432096
2059	114,817286	134,949389	190,276134	229,628856	271,306068	342,081552	371,564239
2060	114,903157	135,046913	190,390823	229,752199	271,433343	342,207542	371,696365
2061	114,989051	135,144461	190,505525	229,875549	271,560616	342,333518	371,828473
2062	115,074967	135,242031	190,620241	229,998905	271,687887	342,459478	371,960565
2063	115,160906	135,339624	190,73497	230,122267	271,815156	342,585424	372,092639
2064	115,246867	135,437241	190,849713	230,245635	271,942423	342,711355	372,224696
2065	115,332851	135,53488	190,964468	230,36901	272,069688	342,837272	372,356736

2066	115,418857	135,632543	191,079238	230,492391	272,19695	342,963173	372,488759
2067	115,504886	135,730228	191,19402	230,615778	272,324211	343,08906	372,620765
2068	115,590937	135,827937	191,308816	230,739172	272,451469	343,214932	372,752754
2069	115,677011	135,925669	191,423626	230,862572	272,578726	343,34079	372,884725
2070	115,763107	136,023424	191,538449	230,985979	272,70598	343,466633	373,01668
2071	115,849225	136,121202	191,653285	231,109391	272,833232	343,592461	373,148617
2072	115,935366	136,219002	191,768134	231,23281	272,960482	343,718274	373,280538
2073	116,021529	136,316826	191,882997	231,356236	273,08773	343,844073	373,412441
2074	116,107715	136,414673	191,997873	231,479667	273,214976	343,969857	373,544327
2075	116,193924	136,512543	192,112763	231,603105	273,342219	344,095627	373,676197
2076	116,280154	136,610436	192,227666	231,726549	273,469461	344,221382	373,808049
2077	116,366407	136,708352	192,342582	231,85	273,596701	344,347122	373,939884
2078	116,452683	136,806291	192,457512	231,973457	273,723938	344,472847	374,071702
2079	116,538981	136,904253	192,572455	232,09692	273,851174	344,598558	374,203504
2080	116,625301	137,002238	192,687411	232,220389	273,978407	344,724255	374,335288
2081	116,711644	137,100246	192,802381	232,343865	274,105638	344,849936	374,467055
2082	116,798009	137,198277	192,917363	232,467347	274,232867	344,975603	374,598806
2083	116,884396	137,296331	193,03236	232,590835	274,360094	345,101256	374,730539
2084	116,970806	137,394407	193,147369	232,71433	274,487319	345,226894	374,862256
2085	117,057239	137,492507	193,262392	232,837831	274,614542	345,352517	374,993955
2086	117,143693	137,59063	193,377428	232,961338	274,741763	345,478126	375,125638
2087	117,23017	137,688776	193,492477	233,084851	274,868982	345,603721	375,257304
2088	117,31667	137,786944	193,60754	233,208371	274,996198	345,7293	375,388953
2089	117,403191	137,885136	193,722616	233,331897	275,123413	345,854866	375,520585
2090	117,489736	137,98335	193,837705	233,455429	275,250626	345,980416	375,6522
2091	117,576302	138,081588	193,952808	233,578967	275,377836	346,105952	375,783798
2092	117,662891	138,179848	194,067924	233,702512	275,505044	346,231474	375,91538
2093	117,749502	138,278131	194,183053	233,826063	275,632251	346,356981	376,046944
2094	117,836136	138,376438	194,298195	233,94962	275,759455	346,482474	376,178492
2095	117,922791	138,474767	194,41335	234,073184	275,886657	346,607952	376,310023
2096	118,009469	138,573119	194,528519	234,196753	276,013857	346,733416	376,441537
2097	118,09617	138,671493	194,643701	234,320329	276,141055	346,858865	376,573034
2098	118,182893	138,769891	194,758896	234,443912	276,268251	346,9843	376,704515
2099	118,269638	138,868312	194,874105	234,5675	276,395445	347,109721	376,835978
2100	118,356405	138,966755	194,989327	234,691095	276,522637	347,235127	376,967425
2101	118,443195	139,065222	195,104562	234,814696	276,649827	347,360518	377,098856
2102	118,530007	139,163711	195,21981	234,938303	276,777014	347,485895	377,230269
2103	118,616841	139,262223	195,335071	235,061916	276,9042	347,611258	377,361666
2104	118,703698	139,360758	195,450346	235,185536	277,031383	347,736606	377,493046
2105	118,790577	139,459316	195,565634	235,309162	277,158565	347,86194	377,624409
2106	118,877478	139,557896	195,680935	235,432794	277,285744	347,98726	377,755756
2107	118,964401	139,6565	195,796249	235,556432	277,412922	348,112565	377,887085
2108	119,051347	139,755126	195,911576	235,680077	277,540097	348,237856	378,018399
2109	119,138315	139,853775	196,026917	235,803727	277,66727	348,363132	378,149695
2110	119,225305	139,952447	196,14227	235,927384	277,794442	348,488394	378,280975
2111	119,312318	140,051142	196,257637	236,051047	277,921611	348,613642	378,412238

2112	119,399352	140,14986	196,373017	236,174717	278,048778	348,738875	378,543484
2113	119,486409	140,2486	196,488411	236,298392	278,175943	348,864094	378,674714
2114	119,573489	140,347363	196,603817	236,422074	278,303106	348,989299	378,805928
2115	119,66059	140,446149	196,719237	236,545762	278,430267	349,11449	378,937124
2116	119,747714	140,544958	196,834669	236,669456	278,557426	349,239666	379,068304
2117	119,83486	140,643789	196,950115	236,793156	278,684583	349,364828	379,199468
2118	119,922028	140,742644	197,065574	236,916863	278,811738	349,489975	379,330614
2119	120,009218	140,841521	197,181047	237,040576	278,93889	349,615108	379,461745
2120	120,096431	140,940421	197,296532	237,164295	279,066041	349,740227	379,592858
2121	120,183665	141,039343	197,41203	237,28802	279,19319	349,865332	379,723955
2122	120,270922	141,138289	197,527542	237,411751	279,320336	349,990423	379,855036
2123	120,358201	141,237257	197,643066	237,535488	279,447481	350,115499	379,9861
2124	120,445503	141,336248	197,758604	237,659232	279,574624	350,240561	380,117147
2125	120,532826	141,435261	197,874155	237,782982	279,701764	350,365609	380,248178
2126	120,620172	141,534298	197,989719	237,906738	279,828903	350,490642	380,379193
2127	120,70754	141,633357	198,105296	238,0305	279,956039	350,615662	380,510191
2128	120,79493	141,732438	198,220886	238,154268	280,083174	350,740667	380,641172
2129	120,882342	141,831543	198,33649	238,278043	280,210306	350,865658	380,772137
2130	120,969776	141,93067	198,452106	238,401823	280,337436	350,990635	380,903086
2131	121,057233	142,02982	198,567735	238,52561	280,464565	351,115597	381,034018
2132	121,144712	142,128993	198,683378	238,649403	280,591691	351,240546	381,164933
2133	121,232213	142,228188	198,799034	238,773202	280,718815	351,36548	381,295832
2134	121,319735	142,327406	198,914702	238,897007	280,845937	351,4904	381,426715
2135	121,407281	142,426646	199,030384	239,020819	280,973058	351,615306	381,557581
2136	121,494848	142,52591	199,146079	239,144636	281,100176	351,740198	381,688431
2137	121,582437	142,625196	199,261787	239,26846	281,227292	351,865076	381,819265
2138	121,670049	142,724504	199,377507	239,39229	281,354406	351,98994	381,950082
2139	121,757682	142,823836	199,493241	239,516125	281,481518	352,114789	382,080882
2140	121,845338	142,92319	199,608988	239,639968	281,608628	352,239625	382,211667
2141	121,933016	143,022566	199,724748	239,763816	281,735736	352,364446	382,342435
2142	122,020716	143,121966	199,840521	239,88767	281,862842	352,489253	382,473186
2143	122,108438	143,221388	199,956307	240,011531	281,989946	352,614046	382,603922
2144	122,196182	143,320832	200,072106	240,135397	282,117048	352,738825	382,734641
2145	122,283948	143,420299	200,187919	240,25927	282,244148	352,86359	382,865343
2146	122,371737	143,519789	200,303744	240,383149	282,371246	352,988341	382,996029
2147	122,459547	143,619302	200,419582	240,507034	282,498342	353,113078	383,126699
2148	122,54738	143,718837	200,535433	240,630925	282,625436	353,237801	383,257353
2149	122,635234	143,818394	200,651297	240,754822	282,752528	353,36251	383,38799
2150	122,723111	143,917975	200,767174	240,878725	282,879618	353,487205	383,518612
2151	122,811009	144,017577	200,883064	241,002634	283,006705	353,611886	383,649216
2152	122,89893	144,117203	200,998967	241,12655	283,133791	353,736553	383,779805
2153	122,986873	144,216851	201,114883	241,250471	283,260875	353,861205	383,910377
2154	123,074838	144,316521	201,230812	241,374399	283,387957	353,985844	384,040933
2155	123,162825	144,416215	201,346754	241,498333	283,515037	354,110469	384,171473
2156	123,250834	144,51593	201,462709	241,622273	283,642114	354,23508	384,301997
2157	123,338865	144,615669	201,578677	241,746219	283,76919	354,359677	384,432504

2158	123,426918	144,71543	201,694658	241,870171	283,896264	354,48426	384,562996
2159	123,514993	144,815213	201,810652	241,994129	284,023336	354,608829	384,693471
2160	123,60309	144,915019	201,926659	242,118093	284,150405	354,733384	384,823929
2161	123,691209	145,014847	202,042679	242,242063	284,277473	354,857925	384,954372
2162	123,77935	145,114699	202,158711	242,36604	284,404539	354,982452	385,084799
2163	123,867513	145,214572	202,274757	242,490022	284,531603	355,106966	385,215209
2164	123,955698	145,314468	202,390815	242,614011	284,658665	355,231465	385,345603
2165	124,043905	145,414387	202,506887	242,738005	284,785724	355,355951	385,475981
2166	124,132134	145,514328	202,622971	242,862006	284,912782	355,480422	385,606343
2167	124,220385	145,614292	202,739069	242,986013	285,039838	355,60488	385,736689
2168	124,308658	145,714278	202,855179	243,110025	285,166892	355,729324	385,867019
2169	124,396953	145,814286	202,971302	243,234044	285,293943	355,853754	385,997333
2170	124,48527	145,914318	203,087438	243,358069	285,420993	355,97817	386,12763
2171	124,573609	146,014371	203,203587	243,4821	285,548041	356,102572	386,257912
2172	124,66197	146,114447	203,319749	243,606137	285,675087	356,226961	386,388177
2173	124,750353	146,214546	203,435923	243,73018	285,80213	356,351335	386,518426
2174	124,838758	146,314667	203,552111	243,854229	285,929172	356,475696	386,64866
2175	124,927184	146,414811	203,668312	243,978284	286,056212	356,600043	386,778877
2176	125,015633	146,514977	203,784525	244,102345	286,18325	356,724376	386,909078
2177	125,104104	146,615165	203,900751	244,226413	286,310286	356,848696	387,039263
2178	125,192596	146,715376	204,01699	244,350486	286,437319	356,973001	387,169433
2179	125,281111	146,815609	204,133242	244,474565	286,564351	357,097293	387,299586
2180	125,369647	146,915865	204,249507	244,598651	286,691381	357,221571	387,429723
2181	125,458206	147,016143	204,365785	244,722742	286,818409	357,345835	387,559844
2182	125,546786	147,116444	204,482075	244,846839	286,945435	357,470085	387,689949
2183	125,635388	147,216767	204,598378	244,970943	287,072459	357,594322	387,820039
2184	125,724012	147,317113	204,714695	245,095052	287,199481	357,718545	387,950112
2185	125,812658	147,41748	204,831024	245,219168	287,326501	357,842754	388,080169
2186	125,901326	147,517871	204,947366	245,343289	287,453519	357,96695	388,210211
2187	125,990016	147,618284	205,06372	245,467417	287,580535	358,091131	388,340236
2188	126,078728	147,718719	205,180088	245,59155	287,707549	358,215299	388,470246
2189	126,167461	147,819176	205,296468	245,71569	287,834561	358,339454	388,600239
2190	126,256217	147,919656	205,412861	245,839835	287,961571	358,463594	388,730217
2191	126,344994	148,020158	205,529267	245,963987	288,088579	358,587721	388,860179
2192	126,433793	148,120683	205,645686	246,088144	288,215585	358,711834	388,990125
2193	126,522614	148,22123	205,762117	246,212308	288,342589	358,835934	389,120055
2194	126,611457	148,3218	205,878562	246,336477	288,469591	358,96002	389,249969
2195	126,700322	148,422391	205,995019	246,460653	288,596591	359,084092	389,379868
2196	126,789209	148,523006	206,111489	246,584835	288,723589	359,20815	389,50975
2197	126,878117	148,623642	206,227972	246,709022	288,850586	359,332195	389,639617
2198	126,967048	148,724301	206,344467	246,833216	288,97758	359,456226	389,769468
2199	127,056	148,824982	206,460975	246,957415	289,104572	359,580244	389,899303
2200	127,144974	148,925686	206,577496	247,081621	289,231563	359,704248	390,029122
2201	127,23397	149,026411	206,69403	247,205832	289,358551	359,828238	390,158926
2202	127,322987	149,12716	206,810577	247,330049	289,485537	359,952215	390,288713
2203	127,412027	149,22793	206,927136	247,454273	289,612522	360,076178	390,418485

2204	127,501088	149,328723	207,043708	247,578502	289,739504	360,200128	390,548241
2205	127,590171	149,429538	207,160293	247,702738	289,866485	360,324064	390,677982
2206	127,679276	149,530376	207,27689	247,826979	289,993463	360,447986	390,807706
2207	127,768403	149,631235	207,393501	247,951226	290,12044	360,571895	390,937415
2208	127,857552	149,732117	207,510124	248,075479	290,247414	360,69579	391,067108
2209	127,946722	149,833022	207,626759	248,199739	290,374387	360,819672	391,196786
2210	128,035914	149,933948	207,743408	248,324004	290,501358	360,94354	391,326447
2211	128,125128	150,034897	207,860069	248,448275	290,628326	361,067395	391,456093
2212	128,214364	150,135868	207,976743	248,572552	290,755293	361,191236	391,585724
2213	128,303621	150,236862	208,09343	248,696835	290,882258	361,315063	391,715338
2214	128,3929	150,337877	208,210129	248,821124	291,009221	361,438877	391,844937
2215	128,482201	150,438915	208,326841	248,945419	291,136182	361,562678	391,97452
2216	128,571524	150,539976	208,443566	249,06972	291,263141	361,686465	392,104088
2217	128,660869	150,641058	208,560303	249,194027	291,390098	361,810238	392,23364
2218	128,750235	150,742163	208,677053	249,31834	291,517053	361,933998	392,363176
2219	128,839623	150,84329	208,793816	249,442658	291,644006	362,057745	392,492696
2220	128,929033	150,944439	208,910592	249,566983	291,770957	362,181478	392,622201
2221	129,018464	151,04561	209,02738	249,691314	291,897906	362,305197	392,751691
2222	129,107917	151,146804	209,144181	249,81565	292,024854	362,428904	392,881164
2223	129,197392	151,24802	209,260994	249,939993	292,151799	362,552596	393,010623
2224	129,286889	151,349258	209,37782	250,064341	292,278742	362,676275	393,140065
2225	129,376407	151,450518	209,494659	250,188695	292,405684	362,799941	393,269492
2226	129,465948	151,5518	209,611511	250,313055	292,532623	362,923594	393,398903
2227	129,555509	151,653105	209,728375	250,437422	292,659561	363,047233	393,528299
2228	129,645093	151,754432	209,845251	250,561794	292,786496	363,170858	393,657679
2229	129,734698	151,855781	209,962141	250,686172	292,91343	363,29447	393,787044
2230	129,824325	151,957152	210,079043	250,810555	293,040362	363,418069	393,916393
2231	129,913974	152,058546	210,195958	250,934945	293,167292	363,541654	394,045727
2232	130,003644	152,159961	210,312885	251,059341	293,294219	363,665226	394,175045
2233	130,093336	152,261399	210,429825	251,183743	293,421145	363,788785	394,304348
2234	130,18305	152,362859	210,546777	251,30815	293,548069	363,91233	394,433635
2235	130,272785	152,464341	210,663743	251,432563	293,674991	364,035862	394,562906
2236	130,362542	152,565845	210,78072	251,556983	293,801911	364,159381	394,692162
2237	130,452321	152,667371	210,897711	251,681408	293,92883	364,282886	394,821403
2238	130,542121	152,76892	211,014714	251,805839	294,055746	364,406377	394,950628
2239	130,631943	152,870491	211,131729	251,930276	294,18266	364,529856	395,079838
2240	130,721787	152,972083	211,248758	252,054719	294,309573	364,653321	395,209032
2241	130,811653	153,073698	211,365798	252,179168	294,436483	364,776773	395,338211
2242	130,90154	153,175335	211,482852	252,303622	294,563391	364,900212	395,467374
2243	130,991448	153,276994	211,599918	252,428083	294,690298	365,023637	395,596522
2244	131,081378	153,378676	211,716996	252,552549	294,817203	365,147049	395,725655
2245	131,17133	153,480379	211,834087	252,677021	294,944105	365,270447	395,854772
2246	131,261304	153,582104	211,951191	252,8015	295,071006	365,393833	395,983873
2247	131,351299	153,683852	212,068307	252,925984	295,197905	365,517205	396,11296
2248	131,441316	153,785622	212,185436	253,050473	295,324802	365,640564	396,242031
2249	131,531354	153,887413	212,302578	253,174969	295,451697	365,763909	396,371086

2250	131,621414	153,989227	212,419731	253,299471	295,57859	365,887242	396,500126
2251	131,711496	154,091063	212,536898	253,423978	295,705481	366,010561	396,629151
2252	131,801599	154,192921	212,654077	253,548492	295,832371	366,133867	396,758161
2253	131,891724	154,294801	212,771269	253,673011	295,959258	366,257159	396,887155
2254	131,98187	154,396703	212,888473	253,797536	296,086143	366,380439	397,016134
2255	132,072038	154,498627	213,005689	253,922067	296,213027	366,503705	397,145097
2256	132,162228	154,600573	213,122918	254,046604	296,339908	366,626958	397,274045
2257	132,252439	154,702541	213,24016	254,171146	296,466788	366,750198	397,402978
2258	132,342672	154,804532	213,357414	254,295695	296,593666	366,873424	397,531896
2259	132,432926	154,906544	213,474681	254,420249	296,720542	366,996637	397,660798
2260	132,523202	155,008578	213,59196	254,544809	296,847416	367,119838	397,789685
2261	132,613499	155,110635	213,709252	254,669375	296,974288	367,243025	397,918557
2262	132,703818	155,212713	213,826556	254,793947	297,101158	367,366199	398,047413
2263	132,794159	155,314813	213,943873	254,918525	297,228026	367,489359	398,176255
2264	132,884521	155,416936	214,061202	255,043108	297,354892	367,612507	398,305081
2265	132,974904	155,51908	214,178544	255,167697	297,481757	367,735641	398,433891
2266	133,065309	155,621247	214,295898	255,292292	297,608619	367,858763	398,562687
2267	133,155736	155,723435	214,413265	255,416893	297,73548	367,981871	398,691467
2268	133,246184	155,825646	214,530644	255,5415	297,862338	368,104966	398,820232
2269	133,336654	155,927878	214,648035	255,666113	297,989195	368,228048	398,948982
2270	133,427145	156,030132	214,76544	255,790731	298,11605	368,351117	399,077717
2271	133,517658	156,132409	214,882856	255,915355	298,242903	368,474173	399,206436
2272	133,608192	156,234707	215,000285	256,039986	298,369754	368,597215	399,335141
2273	133,698748	156,337027	215,117727	256,164621	298,496603	368,720245	399,46383
2274	133,789326	156,439369	215,235181	256,289263	298,62345	368,843261	399,592504
2275	133,879924	156,541734	215,352647	256,413911	298,750295	368,966265	399,721163
2276	133,970545	156,64412	215,470126	256,538564	298,877139	369,089255	399,849806
2277	134,061187	156,746528	215,587617	256,663223	299,00398	369,212232	399,978435
2278	134,15185	156,848958	215,705121	256,787888	299,13082	369,335197	400,107048
2279	134,242535	156,95141	215,822637	256,912559	299,257658	369,458148	400,235647
2280	134,333241	157,053884	215,940165	257,037235	299,384494	369,581086	400,36423
2281	134,423969	157,15638	216,057706	257,161917	299,511328	369,704011	400,492798
2282	134,514718	157,258897	216,17526	257,286605	299,63816	369,826923	400,621351
2283	134,605488	157,361437	216,292826	257,411299	299,76499	369,949822	400,749889
2284	134,696281	157,463999	216,410404	257,535999	299,891818	370,072708	400,878412
2285	134,787094	157,566582	216,527994	257,660704	300,018644	370,195582	401,006919
2286	134,877929	157,669187	216,645597	257,785416	300,145469	370,318442	401,135412
2287	134,968786	157,771815	216,763213	257,910133	300,272291	370,441289	401,26389
2288	135,059664	157,874464	216,880841	258,034855	300,399112	370,564123	401,392352
2289	135,150563	157,977135	216,998481	258,159584	300,525931	370,686944	401,5208
2290	135,241484	158,079828	217,116133	258,284318	300,652748	370,809752	401,649233
2291	135,332426	158,182543	217,233798	258,409058	300,779563	370,932548	401,77765
2292	135,42339	158,285279	217,351476	258,533804	300,906376	371,05533	401,906053
2293	135,514375	158,388038	217,469166	258,658556	301,033187	371,178099	402,03444
2294	135,605381	158,490818	217,586868	258,783313	301,159997	371,300856	402,162813
2295	135,696409	158,593621	217,704582	258,908076	301,286804	371,423599	402,29117

2296	135,787458	158,696445	217,822309	259,032845	301,41361	371,54633	402,419513
2297	135,878529	158,799291	217,940048	259,15762	301,540413	371,669048	402,547841
2298	135,969621	158,902159	218,0578	259,2824	301,667215	371,791752	402,676153
2299	136,060735	159,005048	218,175564	259,407187	301,794015	371,914444	402,804451
2300	136,15187	159,10796	218,29334	259,531978	301,920813	372,037123	402,932734
2301	136,243026	159,210893	218,411128	259,656776	302,04761	372,159789	403,061002
2302	136,334204	159,313848	218,528929	259,78158	302,174404	372,282442	403,189255
2303	136,425403	159,416825	218,646742	259,906389	302,301196	372,405083	403,317493
2304	136,516623	159,519824	218,764568	260,031204	302,427987	372,52771	403,445716
2305	136,607865	159,622845	218,882406	260,156024	302,554776	372,650325	403,573924
2306	136,699128	159,725887	219,000256	260,280851	302,681562	372,772927	403,702117
2307	136,790413	159,828951	219,118119	260,405683	302,808347	372,895515	403,830295
2308	136,881719	159,932037	219,235994	260,530521	302,93513	373,018092	403,958459
2309	136,973046	160,035145	219,353881	260,655364	303,061912	373,140655	404,086608
2310	137,064394	160,138275	219,47178	260,780214	303,188691	373,263205	404,214741
2311	137,155764	160,241426	219,589692	260,905069	303,315469	373,385743	404,34286
2312	137,247156	160,344599	219,707616	261,029929	303,442244	373,508268	404,470964
2313	137,338568	160,447794	219,825552	261,154796	303,569018	373,63078	404,599054
2314	137,430002	160,551011	219,943501	261,279668	303,69579	373,753279	404,727128
2315	137,521458	160,654249	220,061462	261,404546	303,82256	373,875765	404,855188
2316	137,612934	160,757509	220,179435	261,52943	303,949328	373,998239	404,983233
2317	137,704432	160,860791	220,297421	261,654319	304,076094	374,1207	405,111263
2318	137,795951	160,964095	220,415418	261,779214	304,202859	374,243148	405,239278
2319	137,887492	161,06742	220,533428	261,904115	304,329621	374,365583	405,367278
2320	137,979054	161,170767	220,651451	262,029021	304,456382	374,488006	405,495264
2321	138,070637	161,274136	220,769485	262,153933	304,583141	374,610415	405,623235
2322	138,162241	161,377527	220,887532	262,278851	304,709898	374,732812	405,751191
2323	138,253867	161,480939	221,005591	262,403775	304,836653	374,855197	405,879132
2324	138,345514	161,584373	221,123662	262,528704	304,963406	374,977568	406,007059
2325	138,437183	161,687829	221,241746	262,653639	305,090157	375,099927	406,13497
2326	138,528872	161,791307	221,359842	262,77858	305,216907	375,222273	406,262868
2327	138,620583	161,894806	221,47795	262,903526	305,343654	375,344607	406,39075
2328	138,712315	161,998327	221,59607	263,028478	305,4704	375,466927	406,518618
2329	138,804069	162,101869	221,714202	263,153436	305,597144	375,589236	406,646471
2330	138,895843	162,205433	221,832347	263,278399	305,723886	375,711531	406,774309
2331	138,987639	162,309019	221,950504	263,403368	305,850627	375,833814	406,902132
2332	139,079457	162,412627	222,068673	263,528343	305,977365	375,956084	407,029941
2333	139,171295	162,516256	222,186854	263,653324	306,104101	376,078341	407,157736
2334	139,263155	162,619907	222,305048	263,77831	306,230836	376,200586	407,285515
2335	139,355036	162,72358	222,423254	263,903302	306,357569	376,322818	407,41328
2336	139,446938	162,827274	222,541472	264,028299	306,4843	376,445037	407,54103
2337	139,538861	162,93099	222,659702	264,153302	306,611029	376,567244	407,668766
2338	139,630806	163,034728	222,777944	264,278311	306,737756	376,689438	407,796487
2339	139,722772	163,138487	222,896199	264,403326	306,864482	376,811619	407,924193
2340	139,814759	163,242268	223,014465	264,528346	306,991205	376,933788	408,051885
2341	139,906768	163,34607	223,132744	264,653371	307,117927	377,055944	408,179562

2342	139,998797	163,449895	223,251035	264,778403	307,244647	377,178088	408,307224
2343	140,090848	163,55374	223,369339	264,90344	307,371365	377,300219	408,434872
2344	140,18292	163,657608	223,487654	265,028483	307,498081	377,422338	408,562506
2345	140,275013	163,761497	223,605982	265,153531	307,624796	377,544443	408,690124
2346	140,367127	163,865407	223,724321	265,278585	307,751508	377,666537	408,817729
2347	140,459263	163,96934	223,842673	265,403645	307,878219	377,788617	408,945318
2348	140,55142	164,073294	223,961037	265,52871	308,004928	377,910685	409,072893
2349	140,643598	164,177269	224,079414	265,653781	308,131635	378,032741	409,200454
2350	140,735797	164,281266	224,197802	265,778858	308,25834	378,154784	409,328
2351	140,828017	164,385285	224,316203	265,90394	308,385043	378,276815	409,455531
2352	140,920259	164,489325	224,434615	266,029028	308,511745	378,398832	409,583048
2353	141,012521	164,593387	224,55304	266,154122	308,638445	378,520838	409,71055
2354	141,104805	164,69747	224,671477	266,279221	308,765142	378,642831	409,838038
2355	141,19711	164,801575	224,789926	266,404326	308,891838	378,764811	409,965512
2356	141,289436	164,905701	224,908387	266,529436	309,018533	378,886779	410,09297
2357	141,381783	165,00985	225,02686	266,654552	309,145225	379,008734	410,220415
2358	141,474152	165,114019	225,145346	266,779674	309,271916	379,130677	410,347845
2359	141,566541	165,21821	225,263843	266,904801	309,398604	379,252607	410,47526
2360	141,658952	165,322423	225,382353	267,029934	309,525291	379,374525	410,602661
2361	141,751384	165,426657	225,500874	267,155073	309,651976	379,496431	410,730048
2362	141,843837	165,530913	225,619408	267,280217	309,778659	379,618323	410,85742
2363	141,936311	165,635191	225,737954	267,405367	309,905341	379,740204	410,984777
2364	142,028806	165,739489	225,856512	267,530522	310,03202	379,862072	411,11212
2365	142,121323	165,84381	225,975082	267,655683	310,158698	379,983927	411,239449
2366	142,21386	165,948152	226,093664	267,78085	310,285374	380,10577	411,366764
2367	142,306419	166,052515	226,212258	267,906022	310,412048	380,227601	411,494064
2368	142,398998	166,1569	226,330865	268,0312	310,53872	380,349419	411,621349
2369	142,491599	166,261307	226,449483	268,156383	310,66539	380,471225	411,74862
2370	142,584221	166,365734	226,568114	268,281572	310,792059	380,593018	411,875877
2371	142,676864	166,470184	226,686756	268,406767	310,918726	380,714799	412,003119
2372	142,769528	166,574655	226,805411	268,531967	311,045391	380,836568	412,130347
2373	142,862213	166,679147	226,924077	268,657173	311,172054	380,958324	412,257561
2374	142,95492	166,783661	227,042756	268,782384	311,298715	381,080067	412,38476
2375	143,047647	166,888197	227,161447	268,907601	311,425375	381,201799	412,511945
2376	143,140395	166,992753	227,280149	269,032824	311,552032	381,323518	412,639116
2377	143,233165	167,097332	227,398864	269,158052	311,678688	381,445224	412,766272
2378	143,325955	167,201931	227,517591	269,283286	311,805342	381,566918	412,893414
2379	143,418767	167,306553	227,63633	269,408525	311,931995	381,6886	413,020542
2380	143,5116	167,411195	227,755081	269,53377	312,058645	381,81027	413,147655
2381	143,604453	167,51586	227,873844	269,65902	312,185294	381,931927	413,274754
2382	143,697328	167,620545	227,992619	269,784277	312,31194	382,053572	413,401839
2383	143,790224	167,725252	228,111406	269,909538	312,438585	382,175204	413,528909
2384	143,883141	167,829981	228,230204	270,034805	312,565229	382,296824	413,655965
2385	143,976079	167,934731	228,349015	270,160078	312,69187	382,418432	413,783007
2386	144,069038	168,039502	228,467838	270,285356	312,818509	382,540027	413,910035
2387	144,162017	168,144295	228,586673	270,41064	312,945147	382,66161	414,037048

2388	144,255018	168,249109	228,70552	270,53593	313,071783	382,783181	414,164048
2389	144,34804	168,353944	228,824379	270,661225	313,198417	382,90474	414,291032
2390	144,441083	168,458801	228,94325	270,786525	313,32505	383,026286	414,418003
2391	144,534147	168,56368	229,062133	270,911831	313,45168	383,14782	414,54496
2392	144,627233	168,66858	229,181028	271,037143	313,578309	383,269342	414,671902
2393	144,720339	168,773501	229,299935	271,16246	313,704936	383,390851	414,79883
2394	144,813466	168,878443	229,418854	271,287783	313,831561	383,512348	414,925744
2395	144,906614	168,983407	229,537785	271,413111	313,958184	383,633833	415,052643
2396	144,999783	169,088393	229,656728	271,538445	314,084806	383,755306	415,179529
2397	145,092973	169,193399	229,775683	271,663784	314,211425	383,876766	415,3064
2398	145,186184	169,298427	229,894649	271,789129	314,338043	383,998214	415,433257
2399	145,279416	169,403477	230,013628	271,91448	314,464659	384,11965	415,5601
2400	145,372669	169,508548	230,132619	272,039836	314,591274	384,241074	415,686929
2401	145,465943	169,61364	230,251621	272,165197	314,717886	384,362485	415,813743
2402	145,559238	169,718753	230,370636	272,290564	314,844497	384,483884	415,940544
2403	145,652553	169,823888	230,489662	272,415937	314,971106	384,605271	416,06733
2404	145,74589	169,929045	230,608701	272,541315	315,097713	384,726646	416,194102
2405	145,839248	170,034222	230,727751	272,666699	315,224318	384,848009	416,32086
2406	145,932627	170,139421	230,846813	272,792088	315,350922	384,969359	416,447604
2407	146,026026	170,244641	230,965888	272,917483	315,477524	385,090697	416,574334
2408	146,119447	170,349883	231,084974	273,042883	315,604124	385,212023	416,70105
2409	146,212889	170,455146	231,204072	273,168289	315,730722	385,333337	416,827751
2410	146,306351	170,56043	231,323182	273,2937	315,857318	385,454639	416,954439
2411	146,399835	170,665735	231,442304	273,419117	315,983913	385,575928	417,081112
2412	146,493339	170,771062	231,561438	273,544539	316,110505	385,697206	417,207772
2413	146,586864	170,87641	231,680583	273,669967	316,237096	385,818471	417,334417
2414	146,680411	170,98178	231,799741	273,7954	316,363686	385,939724	417,461049
2415	146,773978	171,08717	231,91891	273,920839	316,490273	386,060965	417,587666
2416	146,867566	171,192582	232,038092	274,046283	316,616859	386,182194	417,714269
2417	146,961175	171,298016	232,157285	274,171733	316,743443	386,30341	417,840858
2418	147,054805	171,40347	232,27649	274,297188	316,870025	386,424615	417,967433
2419	147,148455	171,508946	232,395707	274,422649	316,996605	386,545808	418,093995
2420	147,242127	171,614443	232,514936	274,548115	317,123183	386,666988	418,220542
2421	147,33582	171,719962	232,634177	274,673587	317,24976	386,788156	418,347075
2422	147,429533	171,825501	232,75343	274,799064	317,376335	386,909312	418,473594
2423	147,523267	171,931062	232,872694	274,924547	317,502908	387,030456	418,600099
2424	147,617023	172,036644	232,991971	275,050035	317,62948	387,151588	418,72659
2425	147,710799	172,142248	233,111259	275,175529	317,756049	387,272708	418,853068
2426	147,804596	172,247872	233,230559	275,301028	317,882617	387,393816	418,979531
2427	147,898414	172,353518	233,349871	275,426533	318,009183	387,514912	419,10598
2428	147,992252	172,459185	233,469195	275,552043	318,135747	387,635996	419,232415
2429	148,086112	172,564874	233,58853	275,677559	318,26231	387,757068	419,358837
2430	148,179992	172,670583	233,707878	275,80308	318,388871	387,878127	419,485244
2431	148,273894	172,776314	233,827237	275,928607	318,515429	387,999175	419,611638
2432	148,367816	172,882066	233,946608	276,054139	318,641987	388,12021	419,738017
2433	148,461759	172,987839	234,065991	276,179676	318,768542	388,241234	419,864383

2434	148,555722	173,093634	234,185386	276,305219	318,895096	388,362246	419,990735
2435	148,649707	173,19945	234,304793	276,430768	319,021647	388,483245	420,117073
2436	148,743713	173,305286	234,424211	276,556322	319,148198	388,604233	420,243397
2437	148,837739	173,411144	234,543642	276,681881	319,274746	388,725208	420,369707
2438	148,931786	173,517024	234,663084	276,807446	319,401292	388,846172	420,496003
2439	149,025854	173,622924	234,782537	276,933016	319,527837	388,967123	420,622285
2440	149,119943	173,728846	234,902003	277,058592	319,65438	389,088063	420,748554
2441	149,214052	173,834789	235,021481	277,184173	319,780921	389,208991	420,874808
2442	149,308183	173,940753	235,14097	277,30976	319,907461	389,329906	421,001049
2443	149,402334	174,046738	235,260471	277,435352	320,033999	389,45081	421,127276
2444	149,496506	174,152744	235,379984	277,560949	320,160535	389,571702	421,253489
2445	149,590699	174,258771	235,499509	277,686552	320,287069	389,692581	421,379689
2446	149,684912	174,36482	235,619045	277,812161	320,413601	389,813449	421,505874
2447	149,779147	174,47089	235,738593	277,937775	320,540132	389,934305	421,632046
2448	149,873402	174,576981	235,858153	278,063394	320,666661	390,055149	421,758203
2449	149,967678	174,683093	235,977725	278,189019	320,793188	390,175981	421,884347
2450	150,061975	174,789226	236,097308	278,314649	320,919713	390,296801	422,010478
2451	150,156292	174,89538	236,216904	278,440285	321,046237	390,417609	422,136594
2452	150,250631	175,001556	236,336511	278,565926	321,172759	390,538406	422,262697
2453	150,34499	175,107752	236,45613	278,691572	321,299279	390,65919	422,388786
2454	150,439369	175,21397	236,57576	278,817224	321,425797	390,779962	422,514861
2455	150,53377	175,320209	236,695402	278,942882	321,552314	390,900723	422,640922
2456	150,628191	175,426469	236,815057	279,068544	321,678828	391,021472	422,76697
2457	150,722633	175,53275	236,934722	279,194212	321,805341	391,142208	422,893004
2458	150,817096	175,639052	237,0544	279,319886	321,931853	391,262933	423,019024
2459	150,91158	175,745375	237,174089	279,445565	322,058362	391,383647	423,14503
2460	151,006084	175,85172	237,29379	279,57125	322,18487	391,504348	423,271023
2461	151,100609	175,958085	237,413503	279,696939	322,311376	391,625037	423,397002
2462	151,195155	176,064471	237,533227	279,822635	322,43788	391,745715	423,522967
2463	151,289722	176,170879	237,652963	279,948335	322,564383	391,86638	423,648919
2464	151,384309	176,277308	237,772711	280,074041	322,690884	391,987034	423,774857
2465	151,478917	176,383757	237,892471	280,199753	322,817383	392,107676	423,900781
2466	151,573545	176,490228	238,012242	280,32547	322,94388	392,228306	424,026692
2467	151,668195	176,59672	238,132025	280,451192	323,070376	392,348925	424,152588
2468	151,762865	176,703233	238,25182	280,57692	323,19687	392,469531	424,278472
2469	151,857556	176,809767	238,371626	280,702653	323,323362	392,590126	424,404341
2470	151,952267	176,916322	238,491444	280,828391	323,449852	392,710709	424,530197
2471	152,046999	177,022898	238,611274	280,954135	323,57634	392,83128	424,656039
2472	152,141752	177,129495	238,731116	281,079884	323,702827	392,951839	424,781868
2473	152,236526	177,236113	238,850969	281,205639	323,829312	393,072387	424,907683
2474	152,33132	177,342753	238,970834	281,331399	323,955796	393,192923	425,033484
2475	152,426135	177,449413	239,09071	281,457165	324,082277	393,313447	425,159272
2476	152,520971	177,556094	239,210598	281,582935	324,208757	393,433959	425,285046
2477	152,615827	177,662796	239,330498	281,708712	324,335235	393,55446	425,410807
2478	152,710704	177,76952	239,45041	281,834493	324,461712	393,674948	425,536553
2479	152,805602	177,876264	239,570333	281,96028	324,588186	393,795425	425,662287

2480	152,90052	177,983029	239,690268	282,086072	324,714659	393,915891	425,788007
2481	152,995459	178,089815	239,810214	282,21187	324,84113	394,036344	425,913713
2482	153,090419	178,196623	239,930172	282,337673	324,9676	394,156786	426,039405
2483	153,185399	178,303451	240,050142	282,463482	325,094067	394,277216	426,165084
2484	153,2804	178,4103	240,170124	282,589295	325,220533	394,397634	426,29075
2485	153,375421	178,517171	240,290117	282,715115	325,346998	394,518041	426,416402
2486	153,470464	178,624062	240,410121	282,840939	325,47346	394,638436	426,54204
2487	153,565527	178,730974	240,530138	282,966769	325,599921	394,758819	426,667665
2488	153,66061	178,837907	240,650166	283,092604	325,72638	394,879191	426,793276
2489	153,755714	178,944861	240,770205	283,218445	325,852837	394,999551	426,918874
2490	153,850839	179,051836	240,890257	283,344291	325,979293	395,119899	427,044459
2491	153,945984	179,158833	241,01032	283,470142	326,105747	395,240235	427,170029
2492	154,04115	179,26585	241,130394	283,595999	326,232199	395,36056	427,295587
2493	154,136337	179,372888	241,25048	283,721861	326,358649	395,480873	427,421131
2494	154,231544	179,479947	241,370578	283,847728	326,485098	395,601175	427,546661
2495	154,326772	179,587026	241,490687	283,973601	326,611545	395,721465	427,672178
2496	154,42202	179,694127	241,610808	284,099479	326,73799	395,841743	427,797681
2497	154,517289	179,801249	241,73094	284,225363	326,864433	395,962009	427,923171
2498	154,612579	179,908392	241,851085	284,351251	326,990875	396,082264	428,048648
2499	154,707889	180,015555	241,97124	284,477145	327,117315	396,202508	428,174111
2500	154,80322	180,12274	242,091407	284,603045	327,243753	396,322739	428,29956
2501	154,898571	180,229945	242,211586	284,72895	327,37019	396,442959	428,424996
2502	154,993943	180,337171	242,331777	284,85486	327,496625	396,563168	428,550419
2503	155,089335	180,444419	242,451979	284,980775	327,623058	396,683365	428,675828
2504	155,184748	180,551687	242,572192	285,106696	327,749489	396,80355	428,801224
2505	155,280182	180,658976	242,692418	285,232622	327,875919	396,923723	428,926607
2506	155,375636	180,766286	242,812654	285,358553	328,002347	397,043885	429,051976
2507	155,471111	180,873617	242,932903	285,48449	328,128773	397,164036	429,177331
2508	155,566606	180,980968	243,053162	285,610432	328,255197	397,284175	429,302674
2509	155,662122	181,088341	243,173434	285,73638	328,38162	397,404302	429,428003
2510	155,757659	181,195735	243,293717	285,862332	328,508041	397,524418	429,553318
2511	155,853216	181,303149	243,414011	285,98829	328,634461	397,644522	429,67862
2512	155,948793	181,410584	243,534317	286,114254	328,760878	397,764615	429,803909
2513	156,044391	181,51804	243,654635	286,240222	328,887294	397,884696	429,929184
2514	156,14001	181,625517	243,774964	286,366196	329,013708	398,004765	430,054447
2515	156,235649	181,733015	243,895305	286,492176	329,140121	398,124823	430,179695
2516	156,331309	181,840534	244,015657	286,61816	329,266532	398,244869	430,304931
2517	156,426989	181,948073	244,136021	286,74415	329,392941	398,364904	430,430153
2518	156,522689	182,055634	244,256396	286,870145	329,519348	398,484928	430,555362
2519	156,618411	182,163215	244,376783	286,996146	329,645754	398,60494	430,680557
2520	156,714152	182,270817	244,497181	287,122152	329,772158	398,72494	430,805739
2521	156,809914	182,37844	244,617591	287,248163	329,89856	398,844929	430,930908
2522	156,905697	182,486083	244,738012	287,374179	330,024961	398,964906	431,056063
2523	157,0015	182,593748	244,858445	287,500201	330,151359	399,084872	431,181206
2524	157,097324	182,701433	244,978889	287,626228	330,277757	399,204826	431,306335
2525	157,193168	182,809139	245,099345	287,75226	330,404152	399,324769	431,43145

2526	157,289033	182,916866	245,219812	287,878297	330,530546	399,444701	431,556553
2527	157,384918	183,024614	245,340291	288,00434	330,656938	399,564621	431,681642
2528	157,480824	183,132383	245,460781	288,130388	330,783328	399,684529	431,806718
2529	157,57675	183,240172	245,581283	288,256442	330,909717	399,804426	431,931781
2530	157,672697	183,347982	245,701796	288,3825	331,036103	399,924312	432,05683
2531	157,768664	183,455813	245,822321	288,508564	331,162489	400,044186	432,181866
2532	157,864651	183,563665	245,942857	288,634634	331,288872	400,164049	432,306889
2533	157,960659	183,671537	246,063405	288,760708	331,415254	400,2839	432,431899
2534	158,056688	183,77943	246,183964	288,886788	331,541634	400,40374	432,556895
2535	158,152737	183,887345	246,304535	289,012873	331,668012	400,523568	432,681879
2536	158,248806	183,995279	246,425117	289,138963	331,794389	400,643385	432,806849
2537	158,344896	184,103235	246,545711	289,265059	331,920764	400,76319	432,931806
2538	158,441006	184,211211	246,666316	289,39116	332,047137	400,882985	433,056749
2539	158,537137	184,319208	246,786932	289,517266	332,173509	401,002767	433,18168
2540	158,633288	184,427226	246,90756	289,643377	332,299879	401,122539	433,306597
2541	158,729459	184,535265	247,028199	289,769494	332,426247	401,242299	433,431501
2542	158,825651	184,643324	247,14885	289,895616	332,552614	401,362047	433,556392
2543	158,921864	184,751404	247,269512	290,021743	332,678978	401,481784	433,68127
2544	159,018097	184,859505	247,390186	290,147875	332,805342	401,60151	433,806135
2545	159,11435	184,967627	247,510871	290,274013	332,931703	401,721225	433,930987
2546	159,210624	185,075769	247,631568	290,400156	333,058063	401,840928	434,055825
2547	159,306918	185,183932	247,752276	290,526304	333,184421	401,960619	434,18065
2548	159,403232	185,292115	247,872995	290,652458	333,310777	402,0803	434,305463
2549	159,499567	185,40032	247,993726	290,778616	333,437132	402,199969	434,430262
2550	159,595923	185,508545	248,114468	290,90478	333,563485	402,319626	434,555048
2551	159,692298	185,616791	248,235222	291,030949	333,689836	402,439273	434,679821
2552	159,788694	185,725057	248,355987	291,157124	333,816186	402,558908	434,80458
2553	159,885111	185,833345	248,476763	291,283303	333,942534	402,678531	434,929327
2554	159,981548	185,941653	248,597551	291,409488	334,06888	402,798144	435,054061
2555	160,078005	186,049981	248,71835	291,535678	334,195224	402,917745	435,178781
2556	160,174483	186,15833	248,839161	291,661873	334,321567	403,037334	435,303489
2557	160,270981	186,2667	248,959983	291,788074	334,447908	403,156913	435,428183
2558	160,367499	186,375091	249,080816	291,91428	334,574248	403,27648	435,552864
2559	160,464038	186,483502	249,201661	292,040491	334,700586	403,396036	435,677532
2560	160,560597	186,591934	249,322517	292,166707	334,826922	403,51558	435,802188
2561	160,657176	186,700387	249,443385	292,292929	334,953256	403,635113	435,92683
2562	160,753776	186,80886	249,564264	292,419155	335,079589	403,754635	436,051459
2563	160,850396	186,917354	249,685154	292,545387	335,20592	403,874146	436,176075
2564	160,947037	187,025869	249,806056	292,671624	335,33225	403,993646	436,300678
2565	161,043698	187,134404	249,926969	292,797867	335,458577	404,113134	436,425268
2566	161,140379	187,24296	250,047893	292,924114	335,584903	404,232611	436,549845
2567	161,23708	187,351537	250,168829	293,050367	335,711228	404,352076	436,67441
2568	161,333802	187,460134	250,289776	293,176625	335,83755	404,471531	436,798961
2569	161,430544	187,568752	250,410735	293,302888	335,963871	404,590974	436,923499
2570	161,527307	187,67739	250,531704	293,429156	336,090191	404,710406	437,048024
2571	161,62409	187,786049	250,652685	293,55543	336,216508	404,829827	437,172536

2572	161,720893	187,894729	250,773678	293,681709	336,342824	404,949236	437,297035
2573	161,817716	188,003429	250,894682	293,807993	336,469139	405,068634	437,421521
2574	161,91456	188,11215	251,015697	293,934282	336,595451	405,188021	437,545995
2575	162,011424	188,220891	251,136723	294,060576	336,721762	405,307397	437,670455
2576	162,108309	188,329654	251,257761	294,186876	336,848072	405,426762	437,794902
2577	162,205213	188,438436	251,37881	294,313181	336,974379	405,546115	437,919337
2578	162,302138	188,54724	251,499871	294,439491	337,100685	405,665458	438,043758
2579	162,399084	188,656063	251,620943	294,565806	337,22699	405,784789	438,168167
2580	162,496049	188,764908	251,742026	294,692126	337,353292	405,904109	438,292563
2581	162,593035	188,873773	251,86312	294,818452	337,479593	406,023417	438,416945
2582	162,690041	188,982659	251,984226	294,944783	337,605892	406,142715	438,541315
2583	162,787068	189,091565	252,105343	295,071119	337,73219	406,262001	438,665672
2584	162,884115	189,200492	252,226471	295,19746	337,858486	406,381277	438,790016
2585	162,981182	189,309439	252,347611	295,323806	337,98478	406,500541	438,914347
2586	163,078269	189,418407	252,468762	295,450157	338,111073	406,619794	439,038666
2587	163,175376	189,527395	252,589924	295,576514	338,237364	406,739036	439,162971
2588	163,272504	189,636404	252,711097	295,702876	338,363653	406,858266	439,287264
2589	163,369652	189,745434	252,832282	295,829243	338,489941	406,977486	439,411543
2590	163,46682	189,854484	252,953478	295,955615	338,616227	407,096694	439,53581
2591	163,564009	189,963555	253,074685	296,081992	338,742511	407,215892	439,660064
2592	163,661218	190,072646	253,195904	296,208375	338,868794	407,335078	439,784305
2593	163,758447	190,181758	253,317134	296,334762	338,995075	407,454253	439,908534
2594	163,855696	190,29089	253,438375	296,461155	339,121354	407,573417	440,032749
2595	163,952966	190,400043	253,559627	296,587553	339,247632	407,69257	440,156952
2596	164,050255	190,509216	253,680891	296,713956	339,373908	407,811711	440,281142
2597	164,147565	190,61841	253,802166	296,840365	339,500182	407,930842	440,405319
2598	164,244895	190,727624	253,923452	296,966778	339,626455	408,049962	440,529483
2599	164,342246	190,836859	254,04475	297,093197	339,752726	408,16907	440,653635
2600	164,439617	190,946114	254,166058	297,219621	339,878995	408,288168	440,777773
2601	164,537007	191,05539	254,287378	297,34605	340,005263	408,407254	440,901899
2602	164,634418	191,164686	254,408709	297,472484	340,131529	408,526329	441,026012
2603	164,73185	191,274003	254,530052	297,598923	340,257794	408,645394	441,150112
2604	164,829301	191,38334	254,651405	297,725367	340,384056	408,764447	441,2742
2605	164,926773	191,492698	254,77277	297,851817	340,510317	408,883489	441,398275
2606	165,024265	191,602076	254,894146	297,978271	340,636577	409,00252	441,522337
2607	165,121777	191,711475	255,015534	298,104731	340,762835	409,12154	441,646386
2608	165,219309	191,820894	255,136932	298,231196	340,889091	409,240549	441,770423
2609	165,316861	191,930334	255,258342	298,357666	341,015345	409,359547	441,894447
2610	165,414434	192,039794	255,379763	298,484141	341,141598	409,478534	442,018458
2611	165,512027	192,149275	255,501195	298,610622	341,26785	409,59751	442,142456
2612	165,60964	192,258776	255,622638	298,737107	341,394099	409,716475	442,266442
2613	165,707273	192,368297	255,744093	298,863598	341,520347	409,835429	442,390415
2614	165,804926	192,477839	255,865559	298,990093	341,646593	409,954372	442,514375
2615	165,9026	192,587402	255,987036	299,116594	341,772838	410,073304	442,638322
2616	166,000293	192,696985	256,108524	299,2431	341,899081	410,192225	442,762257
2617	166,098007	192,806588	256,230023	299,369611	342,025322	410,311136	442,886179

2618	166,195741	192,916212	256,351534	299,496128	342,151562	410,430035	443,010089
2619	166,293495	193,025856	256,473056	299,622649	342,2778	410,548923	443,133986
2620	166,39127	193,13552	256,594589	299,749175	342,404037	410,6678	443,25787
2621	166,489064	193,245205	256,716133	299,875707	342,530271	410,786666	443,381741
2622	166,586878	193,354911	256,837688	300,002244	342,656504	410,905521	443,5056
2623	166,684713	193,464637	256,959254	300,128786	342,782736	411,024365	443,629446
2624	166,782568	193,574383	257,080832	300,255332	342,908966	411,143199	443,75328
2625	166,880443	193,684149	257,202421	300,381885	343,035194	411,262021	443,877101
2626	166,978338	193,793936	257,324021	300,508442	343,161421	411,380832	444,000909
2627	167,076253	193,903744	257,445632	300,635004	343,287646	411,499633	444,124704
2628	167,174188	194,013572	257,567254	300,761571	343,413869	411,618422	444,248487
2629	167,272144	194,12342	257,688888	300,888144	343,540091	411,737201	444,372258
2630	167,370119	194,233288	257,810532	301,014721	343,666311	411,855969	444,496016
2631	167,468115	194,343177	257,932188	301,141304	343,792529	411,974726	444,619761
2632	167,566131	194,453087	258,053855	301,267892	343,918746	412,093472	444,743493
2633	167,664167	194,563017	258,175533	301,394485	344,044961	412,212207	444,867213
2634	167,762222	194,672967	258,297222	301,521082	344,171174	412,330931	444,990921
2635	167,860299	194,782937	258,418922	301,647685	344,297386	412,449644	445,114616
2636	167,958395	194,892928	258,540634	301,774294	344,423596	412,568346	445,238298
2637	168,056511	195,002939	258,662356	301,900907	344,549805	412,687038	445,361968
2638	168,154647	195,112971	258,78409	302,027525	344,676012	412,805718	445,485625
2639	168,252803	195,223022	258,905835	302,154148	344,802217	412,924388	445,60927
2640	168,35098	195,333095	259,027591	302,280777	344,928421	413,043047	445,732902
2641	168,449176	195,443187	259,149358	302,407411	345,054623	413,161695	445,856521
2642	168,547393	195,5533	259,271136	302,534049	345,180824	413,280332	445,980128
2643	168,64563	195,663433	259,392925	302,660693	345,307022	413,398958	446,103723
2644	168,743886	195,773587	259,514725	302,787342	345,43322	413,517574	446,227305
2645	168,842163	195,883761	259,636537	302,913995	345,559415	413,636178	446,350874
2646	168,94046	195,993955	259,758359	303,040654	345,685609	413,754772	446,474431
2647	169,038777	196,104169	259,880193	303,167318	345,811801	413,873355	446,597975
2648	169,137114	196,214404	260,002038	303,293987	345,937992	413,991927	446,721507
2649	169,235471	196,324659	260,123894	303,420662	346,064181	414,110488	446,845027
2650	169,333848	196,434935	260,24576	303,547341	346,190369	414,229039	446,968534
2651	169,432245	196,54523	260,367638	303,674025	346,316555	414,347579	447,092028
2652	169,530662	196,655546	260,489527	303,800714	346,442739	414,466107	447,21551
2653	169,629099	196,765883	260,611428	303,927409	346,568921	414,584626	447,33898
2654	169,727556	196,876239	260,733339	304,054108	346,695102	414,703133	447,462437
2655	169,826033	196,986616	260,855261	304,180813	346,821282	414,821629	447,585881
2656	169,924531	197,097014	260,977195	304,307522	346,947459	414,940115	447,709313
2657	170,023048	197,207431	261,099139	304,434237	347,073635	415,05859	447,832733
2658	170,121585	197,317869	261,221094	304,560957	347,19981	415,177054	447,95614
2659	170,220142	197,428327	261,343061	304,687681	347,325983	415,295507	448,079535
2660	170,31872	197,538805	261,465039	304,814411	347,452154	415,41395	448,202918
2661	170,417317	197,649304	261,587027	304,941146	347,578324	415,532382	448,326287
2662	170,515934	197,759822	261,709027	305,067886	347,704492	415,650803	448,449645
2663	170,614571	197,870361	261,831038	305,194631	347,830658	415,769213	448,57299

2664	170,713228	197,980921	261,953059	305,321381	347,956823	415,887613	448,696323
2665	170,811906	198,0915	262,075092	305,448136	348,082986	416,006002	448,819643
2666	170,910603	198,2021	262,197136	305,574896	348,209148	416,12438	448,942951
2667	171,00932	198,31272	262,319191	305,701661	348,335308	416,242748	449,066247
2668	171,108057	198,42336	262,441257	305,828431	348,461466	416,361104	449,18953
2669	171,206814	198,534021	262,563334	305,955206	348,587623	416,47945	449,312801
2670	171,305592	198,644701	262,685422	306,081986	348,713778	416,597786	449,436059
2671	171,404389	198,755402	262,807521	306,208771	348,839931	416,71611	449,559306
2672	171,503206	198,866124	262,929631	306,335562	348,966083	416,834424	449,682539
2673	171,602043	198,976865	263,051752	306,462357	349,092234	416,952727	449,805761
2674	171,7009	199,087626	263,173884	306,589157	349,218382	417,07102	449,92897
2675	171,799777	199,198408	263,296027	306,715963	349,344529	417,189301	450,052166
2676	171,898674	199,30921	263,418181	306,842773	349,470675	417,307572	450,175351
2677	171,99759	199,420032	263,540346	306,969588	349,596819	417,425833	450,298523
2678	172,096527	199,530875	263,662522	307,096409	349,722961	417,544083	450,421683
2679	172,195484	199,641737	263,784709	307,223234	349,849102	417,662322	450,54483
2680	172,29446	199,75262	263,906907	307,350064	349,975241	417,78055	450,667965
2681	172,393457	199,863523	264,029116	307,4769	350,101378	417,898768	450,791088
2682	172,492474	199,974446	264,151336	307,60374	350,227514	418,016975	450,914198
2683	172,59151	200,08539	264,273567	307,730586	350,353648	418,135171	451,037297
2684	172,690566	200,196353	264,395809	307,857436	350,479781	418,253357	451,160383
2685	172,789643	200,307337	264,518062	307,984292	350,605912	418,371532	451,283456
2686	172,888739	200,418341	264,640326	308,111152	350,732041	418,489697	451,406518
2687	172,987855	200,529364	264,762601	308,238018	350,858169	418,607851	451,529567
2688	173,086991	200,640409	264,884887	308,364888	350,984295	418,725994	451,652604
2689	173,186147	200,751473	265,007183	308,491764	351,11042	418,844127	451,775628
2690	173,285323	200,862557	265,129491	308,618644	351,236543	418,962249	451,898641
2691	173,384519	200,973662	265,25181	308,745529	351,362664	419,08036	452,021641
2692	173,483734	201,084787	265,37414	308,87242	351,488784	419,198461	452,144629
2693	173,58297	201,195932	265,49648	308,999315	351,614903	419,316551	452,267604
2694	173,682225	201,307097	265,618832	309,126216	351,741019	419,434631	452,390568
2695	173,781501	201,418282	265,741194	309,253121	351,867134	419,5527	452,513519
2696	173,880796	201,529487	265,863568	309,380032	351,993248	419,670759	452,636458
2697	173,980111	201,640712	265,985952	309,506947	352,11936	419,788806	452,759384
2698	174,079446	201,751958	266,108348	309,633868	352,24547	419,906844	452,882299
2699	174,178801	201,863223	266,230754	309,760793	352,371579	420,02487	453,005201
2700	174,278175	201,974509	266,353171	309,887723	352,497686	420,142887	453,128092
2701	174,37757	202,085815	266,475599	310,014659	352,623791	420,260892	453,25097
2702	174,476984	202,197141	266,598038	310,141599	352,749895	420,378887	453,373835
2703	174,576419	202,308487	266,720488	310,268544	352,875997	420,496872	453,496689
2704	174,675873	202,419853	266,842949	310,395495	353,002098	420,614846	453,61953
2705	174,775347	202,531239	266,965421	310,52245	353,128197	420,732809	453,74236
2706	174,874841	202,642646	267,087904	310,64941	353,254295	420,850762	453,865177
2707	174,974354	202,754072	267,210397	310,776375	353,380391	420,968705	453,987982
2708	175,073888	202,865518	267,332902	310,903345	353,506485	421,086636	454,110775
2709	175,173441	202,976985	267,455417	311,030321	353,632578	421,204558	454,233555

2710	175,273014	203,088472	267,577944	311,157301	353,758669	421,322468	454,356324
2711	175,372607	203,199978	267,700481	311,284286	353,884759	421,440369	454,47908
2712	175,47222	203,311505	267,823029	311,411276	354,010847	421,558258	454,601824
2713	175,571853	203,423052	267,945588	311,538271	354,136933	421,676138	454,724557
2714	175,671505	203,534619	268,068158	311,665271	354,263018	421,794007	454,847277
2715	175,771178	203,646206	268,190739	311,792276	354,389101	421,911865	454,969985
2716	175,87087	203,757813	268,31333	311,919285	354,515183	422,029713	455,09268
2717	175,970582	203,86944	268,435933	312,0463	354,641263	422,14755	455,215364
2718	176,070314	203,981087	268,558546	312,17332	354,767342	422,265377	455,338036
2719	176,170065	204,092754	268,681171	312,300345	354,893419	422,383193	455,460695
2720	176,269837	204,204441	268,803806	312,427374	355,019494	422,500999	455,583343
2721	176,369628	204,316148	268,926452	312,554409	355,145568	422,618794	455,705978
2722	176,469439	204,427876	269,049109	312,681449	355,27164	422,736579	455,828602
2723	176,56927	204,539623	269,171777	312,808493	355,397711	422,854354	455,951213
2724	176,66912	204,65139	269,294455	312,935543	355,52378	422,972118	456,073812
2725	176,76899	204,763177	269,417145	313,062597	355,649847	423,089872	456,196399
2726	176,868881	204,874985	269,539845	313,189656	355,775913	423,207615	456,318974
2727	176,96879	204,986812	269,662556	313,316721	355,901978	423,325347	456,441537
2728	177,06872	205,098659	269,785278	313,44379	356,02804	423,44307	456,564088
2729	177,16867	205,210527	269,908011	313,570864	356,154102	423,560782	456,686627
2730	177,268639	205,322414	270,030755	313,697943	356,280161	423,678483	456,809154
2731	177,368628	205,434321	270,153509	313,825027	356,406219	423,796174	456,931669
2732	177,468637	205,546248	270,276275	313,952116	356,532276	423,913855	457,054172
2733	177,568665	205,658196	270,399051	314,07921	356,658331	424,031525	457,176663
2734	177,668713	205,770163	270,521838	314,206309	356,784384	424,149185	457,299142
2735	177,768781	205,88215	270,644636	314,333412	356,910436	424,266834	457,421609
2736	177,868869	205,994157	270,767444	314,460521	357,036486	424,384473	457,544064
2737	177,968977	206,106185	270,890264	314,587635	357,162534	424,502102	457,666507
2738	178,069104	206,218232	271,013094	314,714753	357,288581	424,61972	457,788938
2739	178,169251	206,330299	271,135935	314,841876	357,414627	424,737328	457,911357
2740	178,269418	206,442386	271,258787	314,969005	357,540671	424,854926	458,033764
2741	178,369604	206,554493	271,38165	315,096138	357,666713	424,972513	458,156159
2742	178,46981	206,66662	271,504523	315,223276	357,792754	425,090089	458,278543
2743	178,570036	206,778767	271,627408	315,350419	357,918793	425,207656	458,400914
2744	178,670282	206,890934	271,750303	315,477567	358,044831	425,325212	458,523273
2745	178,770547	207,003121	271,873209	315,60472	358,170867	425,442758	458,64562
2746	178,870832	207,115327	271,996125	315,731878	358,296901	425,560293	458,767956
2747	178,971137	207,227554	272,119053	315,859041	358,422934	425,677818	458,890279
2748	179,071462	207,339801	272,241991	315,986208	358,548966	425,795333	459,012591
2749	179,171806	207,452067	272,36494	316,113381	358,674996	425,912837	459,13489
2750	179,27217	207,564354	272,4879	316,240558	358,801024	426,030331	459,257178
2751	179,372553	207,67666	272,610871	316,36774	358,92705	426,147815	459,379454
2752	179,472957	207,788986	272,733852	316,494928	359,053076	426,265288	459,501718
2753	179,57338	207,901333	272,856844	316,62212	359,179099	426,382751	459,62397
2754	179,673822	208,013699	272,979847	316,749317	359,305121	426,500204	459,74621
2755	179,774285	208,126085	273,102861	316,876519	359,431142	426,617646	459,868438

2756	179,874767	208,238491	273,225885	317,003725	359,557161	426,735079	459,990654
2757	179,975268	208,350917	273,34892	317,130937	359,683178	426,8525	460,112859
2758	180,07579	208,463362	273,471966	317,258154	359,809194	426,969912	460,235051
2759	180,176331	208,575828	273,595023	317,385375	359,935208	427,087313	460,357232
2760	180,276892	208,688313	273,71809	317,512601	360,061221	427,204704	460,479401
2761	180,377472	208,800819	273,841169	317,639833	360,187232	427,322085	460,601558
2762	180,478072	208,913344	273,964258	317,767069	360,313241	427,439456	460,723703
2763	180,578692	209,025889	274,087357	317,89431	360,439249	427,556816	460,845836
2764	180,679331	209,138454	274,210468	318,021556	360,565256	427,674166	460,967958
2765	180,77999	209,251039	274,333589	318,148806	360,691261	427,791505	461,090067
2766	180,880669	209,363644	274,456721	318,276062	360,817264	427,908835	461,212165
2767	180,981367	209,476268	274,579863	318,403322	360,943266	428,026154	461,334251
2768	181,082085	209,588913	274,703017	318,530588	361,069266	428,143463	461,456326
2769	181,182823	209,701577	274,826181	318,657858	361,195265	428,260761	461,578388
2770	181,28358	209,814261	274,949356	318,785133	361,321262	428,37805	461,700438
2771	181,384357	209,926965	275,072541	318,912413	361,447257	428,495328	461,822477
2772	181,485154	210,039689	275,195737	319,039698	361,573251	428,612596	461,944504
2773	181,58597	210,152433	275,318944	319,166988	361,699244	428,729854	462,066519
2774	181,686806	210,265196	275,442162	319,294282	361,825235	428,847101	462,188523
2775	181,787661	210,37798	275,56539	319,421582	361,951224	428,964339	462,310514
2776	181,888536	210,490783	275,688629	319,548886	362,077212	429,081566	462,432494
2777	181,989431	210,603606	275,811879	319,676195	362,203198	429,198783	462,554462
2778	182,090345	210,716449	275,935139	319,803509	362,329183	429,31599	462,676419
2779	182,191279	210,829312	276,05841	319,930828	362,455166	429,433186	462,798363
2780	182,292232	210,942194	276,181692	320,058152	362,581148	429,550373	462,920296
2781	182,393205	211,055096	276,304985	320,18548	362,707128	429,667549	463,042217
2782	182,494198	211,168018	276,428288	320,312813	362,833107	429,784715	463,164127
2783	182,59521	211,28096	276,551602	320,440152	362,959084	429,901871	463,286024
2784	182,696242	211,393922	276,674926	320,567495	363,085059	430,019016	463,40791
2785	182,797293	211,506903	276,798262	320,694843	363,211033	430,136152	463,529784
2786	182,898364	211,619905	276,921608	320,822196	363,337006	430,253277	463,651647
2787	182,999455	211,732926	277,044964	320,949553	363,462977	430,370392	463,773498
2788	183,100565	211,845966	277,168331	321,076916	363,588946	430,487497	463,895337
2789	183,201695	211,959027	277,291709	321,204283	363,714914	430,604592	464,017164
2790	183,302844	212,072107	277,415098	321,331655	363,84088	430,721677	464,138979
2791	183,404013	212,185208	277,538497	321,459032	363,966845	430,838751	464,260783
2792	183,505202	212,298328	277,661907	321,586414	364,092808	430,955816	464,382576
2793	183,60641	212,411467	277,785327	321,713801	364,218769	431,07287	464,504356
2794	183,707637	212,524627	277,908759	321,841192	364,34473	431,189914	464,626125
2795	183,808884	212,637806	278,0322	321,968589	364,470688	431,306948	464,747882
2796	183,910151	212,751005	278,155653	322,09599	364,596645	431,423972	464,869628
2797	184,011437	212,864224	278,279116	322,223396	364,722601	431,540986	464,991362
2798	184,112743	212,977462	278,40259	322,350807	364,848555	431,65799	465,113084
2799	184,214068	213,09072	278,526074	322,478222	364,974507	431,774983	465,234795
2800	184,315413	213,203998	278,649569	322,605643	365,100458	431,891967	465,356494
2801	184,416778	213,317296	278,773075	322,733068	365,226407	432,00894	465,478181

2802	184,518162	213,430613	278,896591	322,860498	365,352355	432,125904	465,599857
2803	184,619565	213,54395	279,020118	322,987933	365,478301	432,242857	465,721521
2804	184,720988	213,657307	279,143655	323,115373	365,604246	432,3598	465,843173
2805	184,82243	213,770684	279,267204	323,242817	365,730189	432,476733	465,964814
2806	184,923893	213,88408	279,390762	323,370267	365,856131	432,593656	466,086443
2807	185,025374	213,997496	279,514332	323,497721	365,982071	432,710569	466,208061
2808	185,126875	214,110932	279,637912	323,62518	366,10801	432,827472	466,329667
2809	185,228396	214,224387	279,761502	323,752644	366,233947	432,944365	466,451261
2810	185,329936	214,337863	279,885103	323,880112	366,359883	433,061248	466,572844
2811	185,431495	214,451357	280,008715	324,007586	366,485817	433,17812	466,694415
2812	185,533074	214,564872	280,132337	324,135064	366,611749	433,294983	466,815975
2813	185,634673	214,678406	280,25597	324,262547	366,73768	433,411836	466,937523
2814	185,736291	214,79196	280,379614	324,390035	366,86361	433,528678	467,059059
2815	185,837929	214,905534	280,503268	324,517527	366,989538	433,645511	467,180584
2816	185,939586	215,019127	280,626933	324,645025	367,115464	433,762334	467,302098
2817	186,041262	215,13274	280,750608	324,772527	367,241389	433,879146	467,423599
2818	186,142958	215,246373	280,874294	324,900034	367,367313	433,995949	467,54509
2819	186,244674	215,360025	280,997991	325,027546	367,493234	434,112741	467,666568
2820	186,346409	215,473697	281,121698	325,155062	367,619155	434,229524	467,788036
2821	186,448163	215,587389	281,245415	325,282584	367,745074	434,346296	467,909491
2822	186,549937	215,7011	281,369143	325,41011	367,870991	434,463058	468,030935
2823	186,651731	215,814831	281,492882	325,537641	367,996907	434,579811	468,152368
2824	186,753544	215,928582	281,616632	325,665177	368,122821	434,696553	468,273789
2825	186,855376	216,042352	281,740391	325,792717	368,248734	434,813286	468,395199
2826	186,957228	216,156142	281,864162	325,920262	368,374645	434,930008	468,516597
2827	187,059099	216,269951	281,987943	326,047812	368,500555	435,046721	468,637983
2828	187,16099	216,383781	282,111734	326,175367	368,626463	435,163424	468,759358
2829	187,2629	216,49763	282,235537	326,302927	368,752369	435,280116	468,880722
2830	187,364829	216,611498	282,359349	326,430491	368,878275	435,396799	469,002074
2831	187,466778	216,725386	282,483172	326,558061	369,004178	435,513471	469,123415
2832	187,568747	216,839294	282,607006	326,685635	369,13008	435,630134	469,244744
2833	187,670735	216,953221	282,73085	326,813213	369,255981	435,746787	469,366061
2834	187,772742	217,067168	282,854705	326,940797	369,38188	435,86343	469,487367
2835	187,874769	217,181135	282,97857	327,068385	369,507778	435,980063	469,608662
2836	187,976815	217,295121	283,102446	327,195978	369,633674	436,096686	469,729945
2837	188,07888	217,409127	283,226333	327,323576	369,759568	436,213299	469,851217
2838	188,180965	217,523152	283,35023	327,451179	369,885461	436,329902	469,972478
2839	188,28307	217,637197	283,474137	327,578786	370,011353	436,446495	470,093726
2840	188,385194	217,751262	283,598055	327,706398	370,137243	436,563078	470,214964
2841	188,487337	217,865346	283,721984	327,834015	370,263131	436,679651	470,33619
2842	188,5895	217,97945	283,845923	327,961637	370,389018	436,796215	470,457405
2843	188,691682	218,093573	283,969872	328,089263	370,514904	436,912768	470,578608
2844	188,793883	218,207716	284,093832	328,216894	370,640788	437,029312	470,6998
2845	188,896104	218,321879	284,217803	328,34453	370,76667	437,145845	470,82098
2846	188,998344	218,436061	284,341784	328,472171	370,892551	437,262369	470,942149
2847	189,100604	218,550263	284,465775	328,599816	371,018431	437,378883	471,063307

2848	189,202883	218,664484	284,589777	328,727466	371,144309	437,495387	471,184453
2849	189,305181	218,778725	284,71379	328,855121	371,270185	437,611881	471,305588
2850	189,407499	218,892985	284,837812	328,982781	371,39606	437,728365	471,426711
2851	189,509836	219,007265	284,961846	329,110445	371,521934	437,84484	471,547823
2852	189,612193	219,121565	285,08589	329,238115	371,647806	437,961304	471,668924
2853	189,714569	219,235884	285,209944	329,365788	371,773676	438,077759	471,790013
2854	189,816964	219,350222	285,334009	329,493467	371,899545	438,194203	471,911091
2855	189,919379	219,46458	285,458085	329,621151	372,025412	438,310638	472,032157
2856	190,021813	219,578958	285,582171	329,748839	372,151278	438,427063	472,153213
2857	190,124266	219,693355	285,706267	329,876531	372,277143	438,543479	472,274256
2858	190,226739	219,807772	285,830374	330,004229	372,403006	438,659884	472,395289
2859	190,329231	219,922208	285,954491	330,131931	372,528867	438,776279	472,51631
2860	190,431742	220,036664	286,078619	330,259638	372,654727	438,892665	472,63732
2861	190,534273	220,151139	286,202757	330,38735	372,780585	439,009041	472,758318
2862	190,636823	220,265634	286,326906	330,515067	372,906442	439,125407	472,879306
2863	190,739393	220,380149	286,451065	330,642788	373,032298	439,241763	473,000281
2864	190,841981	220,494683	286,575234	330,770514	373,158152	439,358109	473,121246
2865	190,94459	220,609236	286,699414	330,898245	373,284004	439,474446	473,242199
2866	191,047217	220,723809	286,823605	331,02598	373,409855	439,590773	473,363141
2867	191,149864	220,838401	286,947806	331,15372	373,535704	439,70709	473,484072
2868	191,25253	220,953013	287,072017	331,281465	373,661552	439,823397	473,604991
2869	191,355215	221,067645	287,196239	331,409215	373,787399	439,939694	473,725899
2870	191,45792	221,182295	287,320471	331,536969	373,913244	440,055982	473,846796
2871	191,560644	221,296966	287,444713	331,664728	374,039087	440,172259	473,967681
2872	191,663388	221,411656	287,568967	331,792492	374,164929	440,288527	474,088556
2873	191,76615	221,526365	287,69323	331,92026	374,29077	440,404786	474,209418
2874	191,868932	221,641094	287,817504	332,048033	374,416609	440,521034	474,33027
2875	191,971734	221,755842	287,941788	332,175811	374,542446	440,637273	474,451111
2876	192,074554	221,87061	288,066083	332,303594	374,668282	440,753501	474,57194
2877	192,177394	221,985397	288,190388	332,431381	374,794117	440,869721	474,692758
2878	192,280253	222,100204	288,314704	332,559173	374,91995	440,98593	474,813564
2879	192,383132	222,21503	288,43903	332,68697	375,045781	441,102129	474,93436
2880	192,48603	222,329876	288,563366	332,814771	375,171611	441,218319	475,055144
2881	192,588947	222,444741	288,687713	332,942577	375,29744	441,334499	475,175917
2882	192,691883	222,559625	288,81207	333,070388	375,423267	441,45067	475,296678
2883	192,794839	222,674529	288,936438	333,198203	375,549092	441,56683	475,417429
2884	192,897814	222,789453	289,060816	333,326024	375,674916	441,682981	475,538168
2885	193,000808	222,904396	289,185204	333,453848	375,800739	441,799122	475,658896
2886	193,103821	223,019358	289,309603	333,581678	375,92656	441,915254	475,779613
2887	193,206854	223,13434	289,434012	333,709512	376,05238	442,031375	475,900319
2888	193,309906	223,249341	289,558432	333,837351	376,178198	442,147487	476,021013
2889	193,412977	223,364361	289,682862	333,965195	376,304015	442,26359	476,141697
2890	193,516068	223,479401	289,807302	334,093043	376,42983	442,379682	476,262369
2891	193,619177	223,594461	289,931753	334,220896	376,555643	442,495765	476,383303
2892	193,722306	223,70954	290,056214	334,348754	376,681456	442,611838	476,503679
2893	193,825455	223,824638	290,180685	334,476616	376,807266	442,727902	476,624318

2894	193,928622	223,939756	290,305167	334,604483	376,933076	442,843955	476,744945
2895	194,031809	224,054893	290,429659	334,732355	377,058883	442,96	476,865562
2896	194,135015	224,170049	290,554162	334,860232	377,18469	443,076034	476,986167
2897	194,23824	224,285225	290,678675	334,988113	377,310494	443,192059	477,106761
2898	194,341484	224,40042	290,803198	335,115999	377,436298	443,308074	477,227343
2899	194,444748	224,515635	290,927732	335,243889	377,5621	443,424079	477,347915
2900	194,548031	224,630869	291,052276	335,371784	377,6879	443,540075	477,468476
2901	194,651333	224,746122	291,17683	335,499684	377,813699	443,656061	477,589025
2902	194,754655	224,861395	291,301395	335,627588	377,939496	443,772037	477,709563
2903	194,857995	224,976687	291,42597	335,755498	378,065292	443,888004	477,83009
2904	194,961355	225,091999	291,550555	335,883411	378,191087	444,003961	477,950606
2905	195,064734	225,20733	291,675151	336,01133	378,31688	444,119908	478,071111
2906	195,168132	225,32268	291,799757	336,139253	378,442671	444,235846	478,191605
2907	195,271549	225,43805	291,924373	336,267181	378,568461	444,351774	478,312088
2908	195,374986	225,553439	292,049	336,395113	378,69425	444,467693	478,432559
2909	195,478442	225,668847	292,173637	336,523051	378,820037	444,583601	478,55302
2910	195,581917	225,784275	292,298284	336,650992	378,945822	444,699501	478,673469
2911	195,685411	225,899722	292,422942	336,778939	379,071607	444,81539	478,793908
2912	195,788924	226,015189	292,54761	336,90689	379,197389	444,93127	478,914335
2913	195,892457	226,130674	292,672288	337,034846	379,32317	445,047141	479,034751
2914	195,996009	226,246179	292,796977	337,162806	379,44895	445,163001	479,155156
2915	196,09958	226,361704	292,921676	337,290771	379,574728	445,278853	479,27555
2916	196,20317	226,477248	293,046385	337,418741	379,700505	445,394694	479,395933
2917	196,306779	226,592811	293,171104	337,546715	379,82628	445,510526	479,516305
2918	196,410407	226,708393	293,295834	337,674694	379,952054	445,626348	479,636666
2919	196,514055	226,823995	293,420574	337,802678	380,077827	445,742161	479,757016
2920	196,617722	226,939616	293,545325	337,930666	380,203598	445,857964	479,877355
2921	196,721408	227,055257	293,670086	338,058659	380,329367	445,973758	479,997682
2922	196,825113	227,170916	293,794857	338,186657	380,455135	446,089542	480,117999
2923	196,928837	227,286595	293,919638	338,314659	380,580901	446,205316	480,238305
2924	197,032581	227,402294	294,04443	338,442666	380,706667	446,321081	480,358599
2925	197,136343	227,518011	294,169232	338,570677	380,83243	446,436837	480,478883
2926	197,240125	227,633748	294,294044	338,698694	380,958192	446,552582	480,599156
2927	197,343926	227,749504	294,418866	338,826714	381,083953	446,668319	480,719417
2928	197,447746	227,86528	294,543699	338,95474	381,209712	446,784045	480,839668
2929	197,551585	227,981075	294,668542	339,08277	381,33547	446,899762	480,959908
2930	197,655443	228,096889	294,793395	339,210805	381,461226	447,01547	481,080136
2931	197,759321	228,212722	294,918259	339,338844	381,586981	447,131168	481,200354
2932	197,863217	228,328575	295,043133	339,466888	381,712734	447,246856	481,320561
2933	197,967133	228,444447	295,168017	339,594936	381,838486	447,362535	481,440756
2934	198,071068	228,560338	295,292911	339,72299	381,964236	447,478205	481,560941
2935	198,175022	228,676249	295,417816	339,851048	382,089985	447,593865	481,681115
2936	198,278995	228,792178	295,542731	339,97911	382,215733	447,709515	481,801278
2937	198,382987	228,908127	295,667656	340,107177	382,341479	447,825156	481,92143
2938	198,486998	229,024096	295,792591	340,235249	382,467223	447,940787	482,04157
2939	198,591028	229,140083	295,917537	340,363325	382,592966	448,056409	482,1617

2940	198,695078	229,25609	296,042493	340,491406	382,718708	448,172021	482,281819
2941	198,799146	229,372116	296,167459	340,619491	382,844448	448,287624	482,401927
2942	198,903234	229,488161	296,292435	340,747582	382,970187	448,403217	482,522025
2943	199,007341	229,604226	296,417422	340,875676	383,095924	448,518801	482,642111
2944	199,111467	229,72031	296,542419	341,003776	383,22166	448,634376	482,762186
2945	199,215612	229,836413	296,667426	341,13188	383,347394	448,749941	482,88225
2946	199,319776	229,952535	296,792443	341,259988	383,473127	448,865496	483,002304
2947	199,423959	230,068676	296,917471	341,388102	383,598859	448,981042	483,122346
2948	199,528161	230,184837	297,042508	341,516219	383,724589	449,096578	483,242378
2949	199,632382	230,301017	297,167556	341,644342	383,850317	449,212105	483,362399
2950	199,736623	230,417216	297,292614	341,772469	383,976044	449,327623	483,482408
2951	199,840882	230,533435	297,417683	341,9006	384,10177	449,443131	483,602407
2952	199,945161	230,649672	297,542761	342,028737	384,227494	449,558629	483,722395
2953	200,049458	230,765929	297,66785	342,156877	384,353217	449,674118	483,842372
2954	200,153775	230,882205	297,792949	342,285023	384,478938	449,789598	483,962339
2955	200,258111	230,9985	297,918059	342,413173	384,604658	449,905068	484,082294
2956	200,362465	231,114814	298,043178	342,541328	384,730377	450,020529	484,202239
2957	200,466839	231,231148	298,168308	342,669487	384,856094	450,13598	484,322172
2958	200,571232	231,347501	298,293447	342,797651	384,981809	450,251422	484,442095
2959	200,675644	231,463873	298,418597	342,925819	385,107523	450,366855	484,562007
2960	200,780075	231,580264	298,543758	343,053992	385,233236	450,482278	484,681908
2961	200,884525	231,696674	298,668928	343,182169	385,358947	450,597692	484,801798
2962	200,988994	231,813104	298,794109	343,310352	385,484657	450,713096	484,921678
2963	201,093482	231,929552	298,9193	343,438538	385,610365	450,828491	485,041546
2964	201,197989	232,04602	299,044501	343,56673	385,736072	450,943876	485,161404
2965	201,302515	232,162507	299,169712	343,694926	385,861777	451,059252	485,281251
2966	201,407061	232,279013	299,294933	343,823126	385,987481	451,174619	485,401087
2967	201,511625	232,395539	299,420165	343,951331	386,113183	451,289976	485,520912
2968	201,616208	232,512083	299,545406	344,079541	386,238884	451,405324	485,640726
2969	201,72081	232,628647	299,670658	344,207755	386,364584	451,520662	485,76053
2970	201,825432	232,74523	299,79592	344,335974	386,490282	451,635991	485,880323
2971	201,930072	232,861832	299,921192	344,464197	386,615979	451,751311	486,000105
2972	202,034731	232,978453	300,046475	344,592425	386,741674	451,866621	486,119876
2973	202,139409	233,095093	300,171767	344,720657	386,867368	451,981922	486,239637
2974	202,244107	233,211753	300,29707	344,848895	386,99306	452,097213	486,359386
2975	202,348823	233,328431	300,422383	344,977136	387,118751	452,212495	486,479125
2976	202,453558	233,445129	300,547706	345,105382	387,244441	452,327768	486,598853
2977	202,558313	233,561846	300,673039	345,233633	387,370129	452,443032	486,71857
2978	202,663086	233,678582	300,798382	345,361888	387,495815	452,558286	486,838277
2979	202,767878	233,795337	300,923735	345,490148	387,621501	452,673531	486,957973
2980	202,872689	233,912111	301,049099	345,618413	387,747184	452,788766	487,077658
2981	202,97752	234,028904	301,174473	345,746682	387,872867	452,903992	487,197332
2982	203,082369	234,145716	301,299856	345,874955	387,998548	453,019209	487,316996
2983	203,187237	234,262548	301,42525	346,003234	388,124227	453,134416	487,436648
2984	203,292124	234,379399	301,550654	346,131516	388,249905	453,249614	487,55629
2985	203,39703	234,496268	301,676069	346,259804	388,375582	453,364803	487,675922

2986	203,501956	234,613157	301,801493	346,388095	388,501257	453,479982	487,795542
2987	203,6069	234,730065	301,926927	346,516392	388,626931	453,595152	487,915152
2988	203,711863	234,846992	302,052372	346,644693	388,752603	453,710313	488,034751
2989	203,816845	234,963938	302,177827	346,772998	388,878274	453,825464	488,15434
2990	203,921846	235,080903	302,303292	346,901308	389,003943	453,940607	488,273917
2991	204,026866	235,197888	302,428766	347,029623	389,129611	454,055739	488,393484
2992	204,131905	235,314891	302,554251	347,157942	389,255278	454,170863	488,51304
2993	204,236962	235,431913	302,679747	347,286265	389,380943	454,285977	488,632586
2994	204,342039	235,548955	302,805252	347,414594	389,506606	454,401082	488,752121
2995	204,447135	235,666015	302,930767	347,542926	389,632269	454,516178	488,871645
2996	204,55225	235,783095	303,056293	347,671264	389,757929	454,631264	488,991159
2997	204,657383	235,900194	303,181828	347,799605	389,883589	454,746341	489,110661
2998	204,762536	236,017312	303,307374	347,927952	390,009247	454,861409	489,230153
2999	204,867707	236,134448	303,43293	348,056303	390,134903	454,976467	489,349635
3000	204,972898	236,251604	303,558495	348,184658	390,260558	455,091517	489,469106
3001	205,078107	236,368779	303,684071	348,313018	390,386212	455,206557	489,588566
3002	205,183335	236,485973	303,809657	348,441382	390,511864	455,321587	489,708015
3003	205,288582	236,603186	303,935253	348,569751	390,637515	455,436609	489,827454
3004	205,393848	236,720418	304,06086	348,698125	390,763165	455,551621	489,946882
3005	205,499133	236,837669	304,186476	348,826503	390,888813	455,666624	490,0663
3006	205,604437	236,95494	304,312102	348,954886	391,014459	455,781618	490,185707
3007	205,70976	237,072229	304,437738	349,083273	391,140104	455,896602	490,305103
3008	205,815102	237,189537	304,563385	349,211664	391,265748	456,011578	490,424489
3009	205,920462	237,306864	304,689041	349,34006	391,39139	456,126544	490,543864
3010	206,025842	237,42421	304,814708	349,468461	391,517031	456,2415	490,663228
3011	206,13124	237,541576	304,940385	349,596866	391,64267	456,356448	490,782582
3012	206,236658	237,65896	305,066071	349,725276	391,768308	456,471386	490,901925
3013	206,342094	237,776363	305,191768	349,85369	391,893945	456,586315	491,021257
3014	206,447549	237,893786	305,317475	349,982109	392,01958	456,701235	491,140579
3015	206,553023	238,011227	305,443192	350,110532	392,145214	456,816146	491,25989
3016	206,658516	238,128687	305,568919	350,23896	392,270846	456,931047	491,379191
3017	206,764028	238,246166	305,694656	350,367392	392,396477	457,04594	491,498481
3018	206,869558	238,363665	305,820403	350,495829	392,522107	457,160823	491,617761
3019	206,975108	238,481182	305,94616	350,62427	392,647735	457,275697	491,73703
3020	207,080676	238,598718	306,071927	350,752716	392,773361	457,390561	491,856288
3021	207,186263	238,716274	306,197704	350,881166	392,898987	457,505417	491,975536
3022	207,291869	238,833848	306,323491	351,009621	393,024611	457,620263	492,094773
3023	207,397494	238,951441	306,449288	351,138081	393,150233	457,7351	492,214
3024	207,503138	239,069053	306,575095	351,266544	393,275854	457,849928	492,333216
3025	207,608801	239,186685	306,700913	351,395013	393,401473	457,964747	492,452421
3026	207,714482	239,304335	306,82674	351,523486	393,527092	458,079557	492,571616
3027	207,820183	239,422004	306,952577	351,651963	393,652708	458,194357	492,690801
3028	207,925902	239,539692	307,078425	351,780445	393,778324	458,309148	492,809975
3029	208,03164	239,657399	307,204282	351,908931	393,903938	458,42393	492,929138
3030	208,137397	239,775125	307,330149	352,037422	394,02955	458,538703	493,048291
3031	208,243173	239,89287	307,456027	352,165917	394,155161	458,653467	493,167433

3032	208,348967	240,010634	307,581914	352,294417	394,280771	458,768222	493,286565
3033	208,454781	240,128417	307,707811	352,422921	394,406379	458,882967	493,405686
3034	208,560613	240,246219	307,833719	352,55143	394,531986	458,997704	493,524797
3035	208,666464	240,364039	307,959636	352,679943	394,657591	459,112431	493,643897
3036	208,772334	240,481879	308,085563	352,808461	394,783196	459,227149	493,762987
3037	208,878223	240,599738	308,211501	352,936983	394,908798	459,341858	493,882066
3038	208,98413	240,717615	308,337448	353,06551	395,034399	459,456558	494,001135
3039	209,090057	240,835512	308,463405	353,194041	395,159999	459,571248	494,120193
3040	209,196002	240,953427	308,589373	353,322577	395,285598	459,68593	494,239241
3041	209,301966	241,071361	308,71535	353,451117	395,411195	459,800603	494,358278
3042	209,407949	241,189315	308,841337	353,579662	395,53679	459,915266	494,477305
3043	209,51395	241,307287	308,967335	353,708211	395,662384	460,02992	494,596321
3044	209,619971	241,425278	309,093342	353,836764	395,787977	460,144565	494,715327
3045	209,72601	241,543288	309,219359	353,965322	395,913568	460,259201	494,834322
3046	209,832068	241,661317	309,345386	354,093885	396,039158	460,373828	494,953307
3047	209,938145	241,779365	309,471424	354,222452	396,164747	460,488446	495,072282
3048	210,04424	241,897431	309,597471	354,351023	396,290334	460,603055	495,191245
3049	210,150355	242,015517	309,723528	354,479599	396,41592	460,717655	495,310199
3050	210,256488	242,133621	309,849595	354,60818	396,541504	460,832245	495,429142
3051	210,36264	242,251745	309,975672	354,736765	396,667087	460,946827	495,548075
3052	210,468811	242,369887	310,101759	354,865354	396,792669	461,061399	495,666997
3053	210,575	242,488048	310,227856	354,993948	396,918249	461,175963	495,785909
3054	210,681208	242,606228	310,353963	355,122546	397,043828	461,290517	495,90481
3055	210,787435	242,724427	310,48008	355,251149	397,169405	461,405062	496,023701
3056	210,893681	242,842645	310,606206	355,379756	397,294981	461,519599	496,142581
3057	210,999946	242,960882	310,732343	355,508368	397,420555	461,634126	496,261451
3058	211,106229	243,079137	310,85849	355,636984	397,546129	461,748644	496,380311
3059	211,212531	243,197412	310,984647	355,765604	397,6717	461,863153	496,49916
3060	211,318852	243,315705	311,110813	355,894229	397,797271	461,977653	496,617999
3061	211,425192	243,434017	311,23699	356,022859	397,92284	462,092144	496,736827
3062	211,53155	243,552348	311,363176	356,151493	398,048407	462,206626	496,855645
3063	211,637927	243,670698	311,489372	356,280131	398,173973	462,321099	496,974453
3064	211,744323	243,789066	311,615579	356,408774	398,299538	462,435563	497,09325
3065	211,850738	243,907454	311,741795	356,537421	398,425101	462,550018	497,212037
3066	211,957171	244,02586	311,868021	356,666073	398,550663	462,664463	497,330814
3067	212,063623	244,144286	311,994257	356,794729	398,676224	462,7789	497,44958
3068	212,170094	244,26273	312,120503	356,92339	398,801783	462,893328	497,568336
3069	212,276584	244,381192	312,246759	357,052055	398,927341	463,007747	497,687081
3070	212,383092	244,499674	312,373025	357,180724	399,052897	463,122157	497,805816
3071	212,489619	244,618175	312,499301	357,309398	399,178452	463,236557	497,924541
3072	212,596165	244,736694	312,625586	357,438077	399,304006	463,350949	498,043255
3073	212,702729	244,855232	312,751882	357,566759	399,429558	463,465332	498,161959
3074	212,809312	244,973789	312,878187	357,695447	399,555109	463,579706	498,280653
3075	212,915914	245,092365	313,004503	357,824138	399,680658	463,69407	498,399336
3076	213,022535	245,21096	313,130828	357,952835	399,806206	463,808426	498,518009
3077	213,129174	245,329573	313,257163	358,081535	399,931753	463,922773	498,636672

3078	213,235832	245,448205	313,383508	358,21024	400,057298	464,037111	498,755324
3079	213,342509	245,566856	313,509863	358,338949	400,182842	464,15144	498,873966
3080	213,449204	245,685526	313,636228	358,467663	400,308384	464,26576	498,992597
3081	213,555918	245,804215	313,762603	358,596382	400,433925	464,380071	499,111219
3082	213,662651	245,922922	313,888987	358,725104	400,559465	464,494373	499,22983
3083	213,769402	246,041649	314,015382	358,853831	400,685003	464,608666	499,348431
3084	213,876173	246,160394	314,141786	358,982563	400,81054	464,72295	499,467021
3085	213,982962	246,279157	314,268201	359,111299	400,936076	464,837225	499,585601
3086	214,089769	246,39794	314,394625	359,240039	401,06161	464,951491	499,704171
3087	214,196595	246,516741	314,521059	359,368784	401,187143	465,065748	499,82273
3088	214,30344	246,635561	314,647503	359,497533	401,312674	465,179996	499,94128
3089	214,410304	246,7544	314,773956	359,626287	401,438204	465,294236	500,059819
3090	214,517186	246,873258	314,90042	359,755045	401,563733	465,408466	500,178347
3091	214,624087	246,992134	315,026893	359,883808	401,68926	465,522688	500,296866
3092	214,731007	247,111103	315,153377	360,012574	401,814786	465,6369	500,415374
3093	214,837945	247,229943	315,27987	360,141346	401,94031	465,751104	500,533872
3094	214,944902	247,348876	315,406373	360,270121	402,065833	465,865298	500,65236
3095	215,051877	247,467828	315,532886	360,398902	402,191355	465,979484	500,770837
3096	215,158872	247,586798	315,659409	360,527686	402,316875	466,093661	500,889304
3097	215,265885	247,705787	315,785941	360,656475	402,442394	466,207829	501,007761
3098	215,372916	247,824794	315,912484	360,785268	402,567912	466,321988	501,126208
3099	215,479966	247,943821	316,039036	360,914066	402,693428	466,436138	501,244644
3100	215,587035	248,062866	316,165598	361,042868	402,818943	466,550279	501,36307
3101	215,694123	248,18193	316,29217	361,171675	402,944456	466,664412	501,481486
3102	215,801229	248,301013	316,418752	361,300486	403,069968	466,778535	501,599892
3103	215,908354	248,420114	316,545344	361,429301	403,195479	466,89265	501,718288
3104	216,015497	248,539234	316,671945	361,558121	403,320988	467,006755	501,836673
3105	216,122659	248,658373	316,798556	361,686945	403,446496	467,120852	501,955048
3106	216,22984	248,77753	316,925178	361,815774	403,572002	467,23494	502,073413
3107	216,337039	248,896707	317,051809	361,944606	403,697507	467,349019	502,191767
3108	216,444257	249,015902	317,178449	362,073444	403,823011	467,463089	502,310112
3109	216,551493	249,135115	317,3051	362,202286	403,948513	467,577151	502,428446
3110	216,658749	249,254348	317,43176	362,331132	404,074014	467,691203	502,54677
3111	216,766022	249,373599	317,558431	362,459982	404,199514	467,805247	502,665084
3112	216,873315	249,492869	317,685111	362,588837	404,325012	467,919281	502,783388
3113	216,980626	249,612157	317,8118	362,717696	404,450509	468,033307	502,901681
3114	217,087955	249,731464	317,9385	362,84656	404,576005	468,147324	503,019965
3115	217,195303	249,85079	318,06521	362,975428	404,701499	468,261332	503,138238
3116	217,30267	249,970135	318,191929	363,1043	404,826992	468,375332	503,256501
3117	217,410056	250,089498	318,318658	363,233177	404,952483	468,489322	503,374754
3118	217,51746	250,20888	318,445397	363,362058	405,077973	468,603304	503,492996
3119	217,624882	250,32828	318,572145	363,490944	405,203462	468,717277	503,611229
3120	217,732323	250,4477	318,698904	363,619834	405,328949	468,831241	503,729451
3121	217,839783	250,567138	318,825672	363,748728	405,454435	468,945196	503,847664
3122	217,947261	250,686594	318,95245	363,877627	405,579919	469,059142	503,965866
3123	218,054758	250,806069	319,079238	364,00653	405,705402	469,17308	504,084058

3124	218,162274	250,925563	319,206036	364,135438	405,830884	469,287008	504,202239
3125	218,269808	251,045076	319,332843	364,264349	405,956365	469,400928	504,320411
3126	218,377361	251,164607	319,45966	364,393266	406,081844	469,514839	504,438573
3127	218,484932	251,284157	319,586487	364,522186	406,207321	469,628742	504,556724
3128	218,592522	251,403726	319,713324	364,651111	406,332798	469,742635	504,674865
3129	218,70013	251,523313	319,84017	364,78004	406,458273	469,85652	504,792997
3130	218,807757	251,642919	319,967027	364,908974	406,583746	469,970396	504,911118
3131	218,915402	251,762543	320,093893	365,037912	406,709218	470,084263	505,029229
3132	219,023066	251,882186	320,220769	365,166854	406,834689	470,198121	505,14733
3133	219,130749	252,001848	320,347654	365,295801	406,960159	470,311971	505,265421
3134	219,23845	252,121529	320,474549	365,424752	407,085627	470,425811	505,383501
3135	219,34617	252,241228	320,601454	365,553708	407,211094	470,539643	505,501572
3136	219,453908	252,360945	320,728369	365,682668	407,336559	470,653466	505,619632
3137	219,561665	252,480681	320,855294	365,811632	407,462023	470,767281	505,737683
3138	219,66944	252,600436	320,982228	365,9406	407,587486	470,881087	505,855723
3139	219,777234	252,72021	321,109172	366,069573	407,712947	470,994883	505,973754
3140	219,885046	252,840002	321,236126	366,19855	407,838407	471,108672	506,091774
3141	219,992877	252,959813	321,36309	366,327532	407,963866	471,222451	506,209784
3142	220,100727	253,079642	321,490063	366,456518	408,089323	471,336222	506,327784
3143	220,208595	253,19949	321,617046	366,585508	408,214779	471,449984	506,445774
3144	220,316481	253,319357	321,744039	366,714503	408,340233	471,563737	506,563754
3145	220,424386	253,439242	321,871041	366,843502	408,465686	471,677481	506,681724
3146	220,53231	253,559146	321,998054	366,972505	408,591138	471,791217	506,799684
3147	220,640252	253,679068	322,125076	367,101513	408,716589	471,904944	506,917634
3148	220,748213	253,799009	322,252107	367,230525	408,842038	472,018662	507,035574
3149	220,856192	253,918968	322,379149	367,359541	408,967485	472,132371	507,153503
3150	220,964189	254,038946	322,5062	367,488562	409,092932	472,246072	507,271423
3151	221,072205	254,158943	322,633261	367,617587	409,218377	472,359764	507,389333
3152	221,18024	254,278958	322,760332	367,746616	409,34382	472,473447	507,507233
3153	221,288293	254,398992	322,887412	367,87565	409,469263	472,587122	507,625122
3154	221,396365	254,519045	323,014502	368,004688	409,594704	472,700788	507,743002
3155	221,504455	254,639116	323,141602	368,133731	409,720143	472,814445	507,860872
3156	221,612563	254,759205	323,268711	368,262777	409,845581	472,928094	507,978731
3157	221,720691	254,879313	323,39583	368,391828	409,971018	473,041733	508,096581
3158	221,828836	254,99944	323,522959	368,520884	410,096454	473,155364	508,214421
3159	221,937	255,119585	323,650098	368,649944	410,221888	473,268987	508,332251
3160	222,045183	255,239749	323,777246	368,779008	410,347321	473,382601	508,45007
3161	222,153384	255,359931	323,904404	368,908076	410,472752	473,496206	508,56788
3162	222,261603	255,480132	324,031572	369,037149	410,598182	473,609802	508,68568
3163	222,369841	255,600352	324,158749	369,166226	410,723611	473,723389	508,80347
3164	222,478098	255,72059	324,285936	369,295307	410,849038	473,836968	508,921249
3165	222,586372	255,840846	324,413133	369,424393	410,974464	473,950539	509,039019
3166	222,694666	255,961121	324,540339	369,553483	411,099889	474,0641	509,156779
3167	222,802978	256,081415	324,667555	369,682577	411,225312	474,177653	509,274529
3168	222,911308	256,201727	324,794781	369,811676	411,350734	474,291198	509,392269
3169	223,019657	256,322058	324,922016	369,940779	411,476155	474,404733	509,509999

3170	223,128024	256,442407	325,049262	370,069886	411,601574	474,51826	509,627719
3171	223,23641	256,562774	325,176516	370,198997	411,726992	474,631779	509,745429
3172	223,344814	256,683161	325,303781	370,328113	411,852409	474,745288	509,863129
3173	223,453236	256,803565	325,431055	370,457234	411,977824	474,858789	509,980819
3174	223,561677	256,923989	325,558339	370,586358	412,103238	474,972282	510,0985
3175	223,670137	257,04443	325,685632	370,715487	412,228651	475,085765	510,21617
3176	223,778615	257,16489	325,812935	370,84462	412,354062	475,199241	510,333831
3177	223,887111	257,285369	325,940248	370,973758	412,479472	475,312707	510,451481
3178	223,995626	257,405866	326,067571	371,102899	412,60488	475,426165	510,569122
3179	224,104159	257,526382	326,194903	371,232045	412,730287	475,539614	510,686752
3180	224,21271	257,646916	326,322245	371,361196	412,855693	475,653055	510,804373
3181	224,32128	257,767469	326,449596	371,49035	412,981098	475,766487	510,921984
3182	224,429869	257,88804	326,576957	371,619509	413,106501	475,87991	511,039585
3183	224,538476	258,00863	326,704328	371,748673	413,231903	475,993325	511,157176
3184	224,647101	258,129238	326,831708	371,87784	413,357303	476,106731	511,274757
3185	224,755745	258,249865	326,959098	372,007012	413,482702	476,220129	511,392329
3186	224,864407	258,37051	327,086498	372,136188	413,6081	476,333517	511,50989
3187	224,973087	258,491174	327,213907	372,265369	413,733497	476,446898	511,627442
3188	225,081786	258,611856	327,341326	372,394553	413,858892	476,56027	511,744983
3189	225,190504	258,732556	327,468754	372,523742	413,984285	476,673633	511,862515
3190	225,299239	258,853275	327,596193	372,652936	414,109678	476,786987	511,980037
3191	225,407993	258,974013	327,72364	372,782133	414,235069	476,900333	512,097549
3192	225,516766	259,094769	327,851098	372,911335	414,360459	477,013671	512,215051
3193	225,625557	259,215543	327,978565	373,040541	414,485847	477,126999	512,332544
3194	225,734366	259,336336	328,106042	373,169752	414,611234	477,24032	512,450026
3195	225,843194	259,457147	328,233528	373,298967	414,73662	477,353631	512,567499
3196	225,95204	259,577977	328,361024	373,428186	414,862004	477,466935	512,684962
3197	226,060904	259,698825	328,488529	373,557409	414,987387	477,580229	512,802415
3198	226,169787	259,819692	328,616044	373,686637	415,112769	477,693515	512,919858
3199	226,278689	259,940577	328,743569	373,815869	415,238149	477,806792	513,037291
3200	226,387608	260,06148	328,871103	373,945105	415,363528	477,920061	513,154714
3201	226,496546	260,182402	328,998647	374,074345	415,488906	478,033322	513,272128
3202	226,605502	260,303343	329,126201	374,20359	415,614283	478,146573	513,389532
3203	226,714477	260,424301	329,253764	374,332839	415,739658	478,259817	513,506926
3204	226,82347	260,545279	329,381337	374,462092	415,865031	478,373051	513,62431
3205	226,932482	260,666274	329,508919	374,59135	415,990404	478,486277	513,741684
3206	227,041511	260,787288	329,636511	374,720612	416,115775	478,599495	513,859049
3207	227,15056	260,908321	329,764113	374,849878	416,241144	478,712704	513,976404
3208	227,259626	261,029372	329,891724	374,979148	416,366513	478,825905	514,093749
3209	227,368711	261,150441	330,019344	375,108423	416,49188	478,939097	514,211084
3210	227,477814	261,271529	330,146975	375,237702	416,617246	479,05228	514,328409
3211	227,586936	261,392635	330,274615	375,366985	416,74261	479,165455	514,445725
3212	227,696076	261,513759	330,402264	375,496273	416,867973	479,278622	514,563031
3213	227,805234	261,634902	330,529923	375,625564	416,993335	479,39178	514,680327
3214	227,91441	261,756063	330,657592	375,75486	417,118695	479,504929	514,797613
3215	228,023605	261,877243	330,78527	375,884161	417,244054	479,61807	514,914889

3216	228,132818	261,998441	330,912958	376,013465	417,369412	479,731202	515,032156
3217	228,24205	262,119657	331,040655	376,142774	417,494768	479,844326	515,149413
3218	228,3513	262,240892	331,168362	376,272087	417,620123	479,957442	515,26666
3219	228,460568	262,362145	331,296078	376,401404	417,745477	480,070549	515,383898
3220	228,569855	262,483417	331,423804	376,530726	417,87083	480,183647	515,501125
3221	228,67916	262,604707	331,55154	376,660051	417,996181	480,296737	515,618343
3222	228,788483	262,726015	331,679285	376,789381	418,12153	480,409818	515,735551
3223	228,897824	262,847342	331,80704	376,918716	418,246879	480,522891	515,85275
3224	229,007184	262,968687	331,934804	377,048054	418,372226	480,635956	515,969938
3225	229,116562	263,09005	332,062578	377,177397	418,497572	480,749012	516,087117
3226	229,225959	263,211432	332,190361	377,306744	418,622916	480,86206	516,204287
3227	229,335373	263,332832	332,318154	377,436095	418,748259	480,975099	516,321446
3228	229,444806	263,454251	332,445956	377,565451	418,873601	481,088129	516,438596
3229	229,554258	263,575687	332,573768	377,694811	418,998942	481,201152	516,555736
3230	229,663727	263,697143	332,70159	377,824175	419,124281	481,314165	516,672866
3231	229,773215	263,818616	332,829421	377,953543	419,249619	481,427171	516,789987
3232	229,882721	263,940108	332,957261	378,082916	419,374955	481,540167	516,907098
3233	229,992246	264,061618	333,085111	378,212292	419,500291	481,653156	517,024199
3234	230,101789	264,183147	333,212971	378,341673	419,625625	481,766136	517,141291
3235	230,21135	264,304694	333,34084	378,471059	419,750957	481,879107	517,258373
3236	230,320929	264,426259	333,468719	378,600448	419,876288	481,99207	517,375445
3237	230,430527	264,547842	333,596607	378,729842	420,001618	482,105025	517,492507
3238	230,540142	264,669444	333,724505	378,85924	420,126947	482,217971	517,60956
3239	230,649777	264,791064	333,852412	378,988642	420,252274	482,330909	517,726603
3240	230,759429	264,912703	333,980329	379,118048	420,3776	482,443838	517,843636
3241	230,8691	265,03436	334,108255	379,247459	420,502925	482,556759	517,96066
3242	230,978789	265,156035	334,236191	379,376874	420,628248	482,669672	518,077674
3243	231,088496	265,277728	334,364136	379,506293	420,75357	482,782576	518,194679
3244	231,198221	265,39944	334,492091	379,635716	420,878891	482,895472	518,311673
3245	231,307965	265,52117	334,620055	379,765144	421,00421	483,008359	518,428659
3246	231,417727	265,642918	334,748029	379,894576	421,129528	483,121238	518,545634
3247	231,527507	265,764685	334,876013	380,024012	421,254845	483,234108	518,6626
3248	231,637306	265,88647	335,004005	380,153452	421,380161	483,34697	518,779556
3249	231,747123	266,008273	335,132008	380,282896	421,505475	483,459824	518,896502
3250	231,856958	266,130094	335,260019	380,412345	421,630788	483,572669	519,013439
3251	231,966811	266,251934	335,388041	380,541798	421,756099	483,685506	519,130367
3252	232,076682	266,373792	335,516072	380,671255	421,881409	483,798335	519,247284
3253	232,186572	266,495669	335,644112	380,800716	422,006718	483,911155	519,364192
3254	232,29648	266,617563	335,772162	380,930182	422,132026	484,023966	519,481091
3255	232,406406	266,739476	335,900221	381,059652	422,257332	484,13677	519,597979
3256	232,51635	266,861407	336,02829	381,189126	422,382637	484,249565	519,714858
3257	232,626313	266,983357	336,156368	381,318604	422,507941	484,362351	519,831728
3258	232,736294	267,105324	336,284456	381,448086	422,633243	484,47513	519,948588
3259	232,846293	267,22731	336,412553	381,577573	422,758544	484,5879	520,065438
3260	232,95631	267,349315	336,540659	381,707064	422,883844	484,700661	520,182279
3261	233,066346	267,471337	336,668775	381,836559	423,009142	484,813414	520,29911

3262	233,176399	267,593378	336,796901	381,966058	423,134439	484,926159	520,415931
3263	233,286471	267,715437	336,925036	382,095561	423,259735	485,038896	520,532743
3264	233,396561	267,837514	337,053181	382,225069	423,385029	485,151624	520,649546
3265	233,50667	267,95961	337,181335	382,354581	423,510322	485,264343	520,766338
3266	233,616796	268,081723	337,309498	382,484097	423,635614	485,377055	520,883121
3267	233,726941	268,203855	337,437671	382,613617	423,760905	485,489758	520,999895
3268	233,837104	268,326005	337,565853	382,743142	423,886194	485,602453	521,116659
3269	233,947285	268,448174	337,694045	382,87267	424,011482	485,715139	521,233414
3270	234,057484	268,570361	337,822246	383,002203	424,136769	485,827817	521,350158
3271	234,167702	268,692565	337,950457	383,13174	424,262054	485,940487	521,466894
3272	234,277938	268,814789	338,078677	383,261282	424,387338	486,053149	521,58362
3273	234,388192	268,93703	338,206907	383,390827	424,512621	486,165802	521,700336
3274	234,498464	269,05929	338,335146	383,520377	424,637902	486,278446	521,817042
3275	234,608754	269,181567	338,463394	383,64993	424,763182	486,391083	521,93374
3276	234,719062	269,303863	338,591652	383,779489	424,888461	486,503711	522,050427
3277	234,829389	269,426177	338,719919	383,909051	425,013738	486,616331	522,167105
3278	234,939734	269,54851	338,848196	384,038617	425,139015	486,728943	522,283774
3279	235,050097	269,670861	338,976482	384,168188	425,264289	486,841546	522,400433
3280	235,160478	269,793229	339,104778	384,297762	425,389563	486,954141	522,517082
3281	235,270877	269,915616	339,233083	384,427341	425,514835	487,066728	522,633722
3282	235,381294	270,038022	339,361398	384,556925	425,640106	487,179306	522,750352
3283	235,49173	270,160445	339,489721	384,686512	425,765376	487,291876	522,866973
3284	235,602184	270,282887	339,618055	384,816103	425,890644	487,404438	522,983585
3285	235,712656	270,405346	339,746398	384,945699	426,015911	487,516992	523,100187
3286	235,823146	270,527824	339,87475	385,075299	426,141177	487,629537	523,216779
3287	235,933654	270,650321	340,003111	385,204903	426,266442	487,742074	523,333362
3288	236,04418	270,772835	340,131482	385,334511	426,391705	487,854603	523,449935
3289	236,154725	270,895367	340,259863	385,464124	426,516967	487,967123	523,566499
3290	236,265287	271,017918	340,388252	385,59374	426,642227	488,079635	523,683053
3291	236,375868	271,140487	340,516652	385,723361	426,767487	488,192139	523,799598
3292	236,486467	271,263074	340,64506	385,852986	426,892745	488,304635	523,916134
3293	236,597084	271,385679	340,773478	385,982615	427,018001	488,417122	524,03266
3294	236,707719	271,508303	340,901906	386,112248	427,143257	488,529601	524,149176
3295	236,818373	271,630944	341,030342	386,241886	427,268511	488,642072	524,265683
3296	236,929044	271,753604	341,158789	386,371527	427,393764	488,754535	524,382181
3297	237,039734	271,876282	341,287244	386,501173	427,519015	488,866989	524,498669
3298	237,150441	271,998978	341,415709	386,630823	427,644265	488,979436	524,615147
3299	237,261167	272,121692	341,544184	386,760477	427,769514	489,091874	524,731617
3300	237,371911	272,244424	341,672667	386,890135	427,894762	489,204303	524,848076
3301	237,482673	272,367175	341,80116	387,019798	428,020008	489,316725	524,964526
3302	237,593453	272,489943	341,929663	387,149464	428,145253	489,429138	525,080967
3303	237,704251	272,61273	342,058175	387,279135	428,270497	489,541543	525,197399
3304	237,815068	272,735535	342,186696	387,40881	428,39574	489,65394	525,31382
3305	237,925902	272,858358	342,315227	387,538489	428,520981	489,766328	525,430233
3306	238,036755	272,981199	342,443767	387,668172	428,646221	489,878709	525,546636
3307	238,147625	273,104058	342,572316	387,79786	428,771459	489,991081	525,66303

3308	238,258514	273,226935	342,700875	387,927551	428,896697	490,103445	525,779414
3309	238,369421	273,349831	342,829443	388,057247	429,021933	490,215801	525,895789
3310	238,480346	273,472745	342,958021	388,186947	429,147167	490,328148	526,012154
3311	238,591289	273,595676	343,086607	388,316651	429,272401	490,440488	526,12851
3312	238,70225	273,718626	343,215204	388,446359	429,397633	490,552819	526,244856
3313	238,813229	273,841594	343,343809	388,576071	429,522864	490,665142	526,361194
3314	238,924226	273,96458	343,472424	388,705788	429,648093	490,777456	526,477521
3315	239,035242	274,087584	343,601048	388,835508	429,773322	490,889763	526,59384
3316	239,146275	274,210607	343,729682	388,965233	429,898549	491,002061	526,710148
3317	239,257327	274,333647	343,858325	389,094962	430,023774	491,114351	526,826448
3318	239,368396	274,456705	343,986977	389,224695	430,148999	491,226633	526,942738
3319	239,479484	274,579782	344,115639	389,354432	430,274222	491,338907	527,059019
3320	239,59059	274,702876	344,24431	389,484173	430,399444	491,451173	527,17529
3321	239,701713	274,825989	344,37299	389,613919	430,524664	491,56343	527,291552
3322	239,812855	274,94912	344,50168	389,743668	430,649884	491,67568	527,407805
3323	239,924015	275,072269	344,630379	389,873422	430,775102	491,787921	527,524048
3324	240,035193	275,195436	344,759087	390,00318	430,900318	491,900154	527,640282
3325	240,146389	275,318621	344,887805	390,132942	431,025534	492,012379	527,756507
3326	240,257603	275,441824	345,016532	390,262708	431,150748	492,124596	527,872722
3327	240,368835	275,565045	345,145268	390,392478	431,275961	492,236804	527,988928
3328	240,480085	275,688284	345,274014	390,522253	431,401172	492,349004	528,105124
3329	240,591354	275,811542	345,402769	390,652031	431,526383	492,461197	528,221311
3330	240,70264	275,934817	345,531533	390,781814	431,651592	492,573381	528,337489
3331	240,813944	276,058111	345,660307	390,911601	431,776799	492,685557	528,453657
3332	240,925266	276,181422	345,78909	391,041392	431,902006	492,797725	528,569816
3333	241,036607	276,304752	345,917882	391,171187	432,027211	492,909884	528,685966
3334	241,147965	276,428099	346,046684	391,300986	432,152415	493,022036	528,802106
3335	241,259341	276,551465	346,175495	391,430789	432,277617	493,134179	528,918238
3336	241,370736	276,674849	346,304315	391,560596	432,402819	493,246315	529,034359
3337	241,482148	276,79825	346,433144	391,690408	432,528019	493,358442	529,150472
3338	241,593579	276,92167	346,561983	391,820224	432,653218	493,470561	529,266575
3339	241,705027	277,045108	346,690831	391,950043	432,778415	493,582672	529,382669
3340	241,816494	277,168564	346,819689	392,079867	432,903611	493,694775	529,498753
3341	241,927978	277,292038	346,948555	392,209695	433,028806	493,806869	529,614828
3342	242,039481	277,41553	347,077431	392,339527	433,154	493,918956	529,730894
3343	242,151001	277,53904	347,206317	392,469364	433,279192	494,031035	529,846951
3344	242,26254	277,662568	347,335211	392,599204	433,404384	494,143105	529,962998
3345	242,374096	277,786113	347,464115	392,729049	433,529573	494,255167	530,079036
3346	242,485671	277,909677	347,593028	392,858897	433,654762	494,367222	530,195065
3347	242,597263	278,03326	347,721951	392,98875	433,779949	494,479268	530,311084
3348	242,708874	278,15686	347,850882	393,118607	433,905135	494,591306	530,427094
3349	242,820502	278,280478	347,979823	393,248468	434,03032	494,703336	530,543095
3350	242,932149	278,404114	348,108774	393,378333	434,155503	494,815358	530,659087
3351	243,043813	278,527768	348,237733	393,508202	434,280686	494,927371	530,775069
3352	243,155496	278,65144	348,366702	393,638075	434,405867	495,039377	530,891042
3353	243,267196	278,77513	348,49568	393,767952	434,531046	495,151375	531,007006

3354	243,378915	278,898838	348,624667	393,897834	434,656225	495,263364	531,12296
3355	243,490651	279,022564	348,753664	394,027719	434,781402	495,375346	531,238906
3356	243,602406	279,146308	348,88267	394,157609	434,906578	495,487319	531,354842
3357	243,714178	279,27007	349,011685	394,287503	435,031752	495,599285	531,470768
3358	243,825968	279,39385	349,14071	394,417401	435,156925	495,711242	531,586686
3359	243,937777	279,517648	349,269743	394,547303	435,282097	495,823191	531,702594
3360	244,049603	279,641464	349,398786	394,677209	435,407268	495,935133	531,818493
3361	244,161447	279,765298	349,527838	394,807119	435,532438	496,047066	531,934383
3362	244,27331	279,88915	349,6569	394,937033	435,657606	496,158991	532,050264
3363	244,38519	280,01302	349,785971	395,066951	435,782773	496,270908	532,166135
3364	244,497088	280,136908	349,915051	395,196874	435,907938	496,382817	532,281997
3365	244,609004	280,260813	350,04414	395,3268	436,033103	496,494718	532,39785
3366	244,720938	280,384737	350,173238	395,456731	436,158266	496,606611	532,513694
3367	244,83289	280,508679	350,302346	395,586666	436,283428	496,718496	532,629528
3368	244,94486	280,632639	350,431463	395,716604	436,408589	496,830373	532,745353
3369	245,056848	280,756616	350,560589	395,846547	436,533748	496,942242	532,861169
3370	245,168854	280,880612	350,689725	395,976494	436,658906	497,054103	532,976976
3371	245,280877	281,004625	350,818869	396,106445	436,784063	497,165956	533,092774
3372	245,392919	281,128657	350,948023	396,2364	436,909218	497,2778	533,208562
3373	245,504979	281,252706	351,077186	396,36636	437,034373	497,389637	533,324341
3374	245,617056	281,376774	351,206359	396,496323	437,159526	497,501466	533,440111
3375	245,729152	281,500859	351,33554	396,62629	437,284677	497,613287	533,555872
3376	245,841265	281,624962	351,464731	396,756262	437,409828	497,7251	533,671624
3377	245,953397	281,749084	351,593931	396,886237	437,534977	497,836904	533,787366
3378	246,065546	281,873223	351,72314	397,016217	437,660125	497,948701	533,9031
3379	246,177713	281,99738	351,852359	397,146201	437,785272	498,06049	534,018824
3380	246,289898	282,121555	351,981586	397,276188	437,910417	498,172271	534,134539
3381	246,402101	282,245748	352,110823	397,40618	438,035561	498,284044	534,250245
3382	246,514322	282,369959	352,240069	397,536176	438,160704	498,395809	534,365941
3383	246,626561	282,494187	352,369325	397,666176	438,285846	498,507565	534,481629
3384	246,738818	282,618434	352,498589	397,79618	438,410986	498,619314	534,597307
3385	246,851092	282,742699	352,627863	397,926188	438,536125	498,731055	534,712976
3386	246,963385	282,866981	352,757146	398,056201	438,661263	498,842788	534,828636
3387	247,075695	282,991281	352,886438	398,186217	438,7864	498,954513	534,944287
3388	247,188024	283,1156	353,015739	398,316237	438,911535	499,06623	535,059929
3389	247,30037	283,239936	353,14505	398,446262	439,036669	499,177939	535,175561
3390	247,412734	283,36429	353,274369	398,57629	439,161802	499,28964	535,291185
3391	247,525116	283,488662	353,403698	398,706323	439,286934	499,401333	535,406799
3392	247,637516	283,613052	353,533036	398,836359	439,412064	499,513018	535,522404
3393	247,749934	283,73746	353,662384	398,9664	439,537193	499,624695	535,638
3394	247,86237	283,861885	353,79174	399,096444	439,662321	499,736365	535,753587
3395	247,974823	283,986329	353,921106	399,226493	439,787448	499,848026	535,869165
3396	248,087295	284,11079	354,050481	399,356546	439,912573	499,959679	535,984734
3397	248,199784	284,235269	354,179865	399,486603	440,037697	500,071324	536,100293
3398	248,312291	284,359767	354,309258	399,616664	440,16282	500,182962	536,215844
3399	248,424816	284,484282	354,43866	399,746729	440,287941	500,294591	536,331385

3400	248,537359	284,608815	354,568072	399,876798	440,413062	500,406213	536,446917
3401	248,64992	284,733365	354,697493	400,006871	440,538181	500,517827	536,56244
3402	248,762499	284,857934	354,826923	400,136948	440,663298	500,629432	536,677955
3403	248,875095	284,982521	354,956362	400,267029	440,788415	500,74103	536,79346
3404	248,98771	285,107125	355,08581	400,397115	440,91353	500,85262	536,908955
3405	249,100342	285,231747	355,215267	400,527204	441,038644	500,964202	537,024442
3406	249,212992	285,356387	355,344734	400,657297	441,163757	501,075776	537,13992
3407	249,32566	285,481045	355,47421	400,787395	441,288868	501,187342	537,255389
3408	249,438346	285,605721	355,603694	400,917496	441,413979	501,2989	537,370848
3409	249,551049	285,730415	355,733188	401,047602	441,539088	501,41045	537,486299
3410	249,663771	285,855126	355,862692	401,177711	441,664196	501,521993	537,60174
3411	249,77651	285,979855	355,992204	401,307825	441,789302	501,633527	537,717172
3412	249,889267	286,104603	356,121726	401,437942	441,914407	501,745054	537,832596
3413	250,002042	286,229368	356,251256	401,568064	442,039511	501,856572	537,94801
3414	250,114835	286,35415	356,380796	401,69819	442,164614	501,968083	538,063415
3415	250,227646	286,478951	356,510345	401,82832	442,289716	502,079586	538,178811
3416	250,340474	286,60377	356,639903	401,958453	442,414816	502,191081	538,294198
3417	250,453321	286,728606	356,76947	402,088591	442,539915	502,302568	538,409576
3418	250,566185	286,85346	356,899047	402,218733	442,665013	502,414047	538,524945
3419	250,679067	286,978332	357,028632	402,348879	442,790109	502,525519	538,640305
3420	250,791967	287,103222	357,158227	402,479029	442,915204	502,636982	538,755656
3421	250,904884	287,228129	357,28783	402,609183	443,040298	502,748438	538,870998
3422	251,01782	287,353055	357,417443	402,739341	443,165391	502,859886	538,986331
3423	251,130773	287,477998	357,547065	402,869503	443,290483	502,971325	539,101655
3424	251,243744	287,602959	357,676697	402,999669	443,415573	503,082757	539,21697
3425	251,356733	287,727938	357,806337	403,129839	443,540662	503,194181	539,332275
3426	251,46974	287,852934	357,935986	403,260013	443,66575	503,305598	539,447572
3427	251,582764	287,977949	358,065645	403,390191	443,790836	503,417006	539,56286
3428	251,695807	288,102981	358,195312	403,520373	443,915922	503,528407	539,678139
3429	251,808867	288,228031	358,324989	403,650559	444,041006	503,639799	539,793409
3430	251,921945	288,353099	358,454675	403,780749	444,166089	503,751184	539,908669
3431	252,03504	288,478184	358,58437	403,910944	444,29117	503,862561	540,023921
3432	252,148154	288,603288	358,714074	404,041142	444,416251	503,97393	540,139164
3433	252,261285	288,728409	358,843787	404,171344	444,54133	504,085292	540,254398
3434	252,374434	288,853548	358,97351	404,30155	444,666408	504,196645	540,369622
3435	252,487601	288,978705	359,103241	404,431761	444,791484	504,307991	540,484838
3436	252,600785	289,103879	359,232981	404,561975	444,91656	504,419329	540,600045
3437	252,713988	289,229071	359,362731	404,692193	445,041634	504,530659	540,715243
3438	252,827208	289,354281	359,49249	404,822416	445,166707	504,641981	540,830432
3439	252,940446	289,479509	359,622258	404,952642	445,291778	504,753295	540,945612
3440	253,053702	289,604755	359,752034	405,082872	445,416849	504,864602	541,060782
3441	253,166975	289,730018	359,88182	405,213107	445,541918	504,9759	541,175944
3442	253,280266	289,855299	360,011615	405,343345	445,666986	505,087191	541,291097
3443	253,393575	289,980598	360,14142	405,473587	445,792053	505,198474	541,406241
3444	253,506902	290,105915	360,271233	405,603834	445,917118	505,30975	541,521377
3445	253,620247	290,231249	360,401055	405,734084	446,042182	505,421017	541,636503

3446	253,733609	290,356601	360,530887	405,864339	446,167245	505,532277	541,75162
3447	253,846989	290,481971	360,660727	405,994597	446,292307	505,643529	541,866728
3448	253,960387	290,607359	360,790577	406,124859	446,417368	505,754773	541,981827
3449	254,073803	290,732764	360,920435	406,255126	446,542427	505,866009	542,096918
3450	254,187236	290,858187	361,050303	406,385396	446,667485	505,977237	542,211999
3451	254,300687	290,983628	361,18018	406,515671	446,792542	506,088458	542,327072
3452	254,414156	291,109086	361,310066	406,645949	446,917597	506,199671	542,442135
3453	254,527642	291,234562	361,439961	406,776231	447,042652	506,310876	542,55719
3454	254,641147	291,360056	361,569865	406,906518	447,167705	506,422073	542,672236
3455	254,754669	291,485568	361,699778	407,036808	447,292757	506,533263	542,787272
3456	254,868208	291,611098	361,8297	407,167103	447,417807	506,644445	542,9023
3457	254,981766	291,736645	361,959631	407,297401	447,542857	506,755619	543,017319
3458	255,095341	291,86221	362,089571	407,427703	447,667905	506,866785	543,132329
3459	255,208934	291,987792	362,21952	407,55801	447,792952	506,977943	543,24733
3460	255,322545	292,113392	362,349479	407,68832	447,917998	507,089094	543,362323
3461	255,436173	292,23901	362,479446	407,818635	448,043042	507,200237	543,477306
3462	255,549819	292,364646	362,609423	407,948953	448,168085	507,311372	543,59228
3463	255,663483	292,4903	362,739408	408,079275	448,293127	507,4225	543,707246
3464	255,777165	292,615971	362,869403	408,209602	448,418168	507,533619	543,822203
3465	255,890864	292,74166	362,999406	408,339932	448,543208	507,644731	543,93715
3466	256,004581	292,867366	363,129419	408,470266	448,668246	507,755835	544,052089
3467	256,118316	292,99309	363,259441	408,600604	448,793283	507,866932	544,167019
3468	256,232068	293,118832	363,389471	408,730947	448,918319	507,97802	544,281941
3469	256,345838	293,244592	363,519511	408,861293	449,043354	508,089101	544,396853
3470	256,459626	293,370369	363,64956	408,991643	449,168387	508,200175	544,511756
3471	256,573432	293,496164	363,779618	409,121997	449,293419	508,31124	544,626651
3472	256,687255	293,621977	363,909684	409,252356	449,41845	508,422298	544,741536
3473	256,801096	293,747807	364,03976	409,382718	449,54348	508,533348	544,856413
3474	256,914954	293,873655	364,169845	409,513084	449,668508	508,64439	544,971281
3475	257,028831	293,99952	364,299939	409,643454	449,793536	508,755425	545,08614
3476	257,142725	294,125404	364,430042	409,773828	449,918562	508,866452	545,20099
3477	257,256636	294,251305	364,560154	409,904206	450,043587	508,977471	545,315832
3478	257,370566	294,377223	364,690275	410,034588	450,16861	509,088482	545,430664
3479	257,484513	294,50316	364,820405	410,164974	450,293633	509,199486	545,545488
3480	257,598477	294,629114	364,950544	410,295364	450,418654	509,310482	545,660303
3481	257,71246	294,755085	365,080692	410,425758	450,543674	509,42147	545,775109
3482	257,82646	294,881075	365,210849	410,556156	450,668692	509,532451	545,889906
3483	257,940477	295,007082	365,341015	410,686558	450,79371	509,643424	546,004695
3484	258,054513	295,133106	365,47119	410,816964	450,918726	509,754389	546,119474
3485	258,168566	295,259148	365,601374	410,947374	451,043741	509,865346	546,234245
3486	258,282637	295,385208	365,731567	411,077787	451,168755	509,976296	546,349007
3487	258,396725	295,511286	365,861769	411,208205	451,293768	510,087238	546,46376
3488	258,510831	295,637381	365,99198	411,338627	451,418779	510,198173	546,578504
3489	258,624955	295,763494	366,1222	411,469053	451,543789	510,309099	546,69324
3490	258,739096	295,889624	366,252429	411,599482	451,668798	510,420018	546,807966
3491	258,853255	296,015772	366,382667	411,729916	451,793806	510,53093	546,922684

3492	258,967432	296,141938	366,512914	411,860353	451,918812	510,641833	547,037393
3493	259,081626	296,268121	366,643171	411,990795	452,043818	510,75273	547,152094
3494	259,195838	296,394322	366,773436	412,12124	452,168822	510,863618	547,266785
3495	259,310068	296,520541	366,90371	412,25169	452,293824	510,974499	547,381468
3496	259,424315	296,646777	367,033992	412,382143	452,418826	511,085372	547,496142
3497	259,53858	296,773031	367,164284	412,5126	452,543826	511,196237	547,610807
3498	259,652862	296,899302	367,294585	412,643062	452,668826	511,307095	547,725463
3499	259,767162	297,025591	367,424895	412,773527	452,793824	511,417945	547,840111
3500	259,88148	297,151898	367,555214	412,903996	452,91882	511,528787	547,954749
3501	259,995816	297,278222	367,685542	413,034469	453,043816	511,639622	548,069379
3502	260,110169	297,404564	367,815879	413,164946	453,16881	511,750449	548,184001
3503	260,224539	297,530923	367,946225	413,295427	453,293803	511,861268	548,298613
3504	260,338927	297,6573	368,076579	413,425912	453,418795	511,97208	548,413217
3505	260,453333	297,783695	368,206943	413,556401	453,543786	512,082884	548,527812
3506	260,567757	297,910107	368,337316	413,686894	453,668775	512,193681	548,642398
3507	260,682198	298,036537	368,467697	413,817391	453,793764	512,30447	548,756976
3508	260,796657	298,162984	368,598088	413,947892	453,918751	512,415251	548,871544
3509	260,911133	298,289449	368,728488	414,078396	454,043736	512,526025	548,986104
3510	261,025627	298,415932	368,858896	414,208905	454,168721	512,636791	549,100656
3511	261,140139	298,542432	368,989314	414,339417	454,293704	512,747549	549,215198
3512	261,254668	298,668949	369,11974	414,469934	454,418686	512,8583	549,329732
3513	261,369215	298,795485	369,250175	414,600454	454,543667	512,969043	549,444257
3514	261,483779	298,922038	369,38062	414,730979	454,668647	513,079778	549,558773
3515	261,598361	299,048608	369,511073	414,861507	454,793626	513,190506	549,673281
3516	261,712961	299,175196	369,641535	414,992039	454,918603	513,301227	549,787779
3517	261,827578	299,301802	369,772006	415,122575	455,043579	513,411939	549,90227
3518	261,942213	299,428425	369,902487	415,253116	455,168554	513,522644	550,016751
3519	262,056865	299,555065	370,032976	415,38366	455,293528	513,633342	550,131224
3520	262,171535	299,681724	370,163474	415,514208	455,4185	513,744032	550,245688
3521	262,286222	299,808399	370,293981	415,64476	455,543471	513,854714	550,360143
3522	262,400927	299,935093	370,424496	415,775315	455,668442	513,965389	550,474589
3523	262,51565	300,061804	370,555021	415,905875	455,79341	514,076056	550,589027
3524	262,63039	300,188532	370,685555	416,036439	455,918378	514,186715	550,703457
3525	262,745148	300,315278	370,816098	416,167006	456,043344	514,297367	550,817877
3526	262,859924	300,442041	370,946649	416,297578	456,16831	514,408012	550,932289
3527	262,974717	300,568822	371,07721	416,428153	456,293274	514,518648	551,046692
3528	263,089527	300,695621	371,207779	416,558733	456,418236	514,629277	551,161086
3529	263,204355	300,822437	371,338357	416,689316	456,543198	514,739899	551,275472
3530	263,319201	300,949271	371,468945	416,819903	456,668158	514,850513	551,389849
3531	263,434064	301,076122	371,599541	416,950494	456,793118	514,96112	551,504217
3532	263,548945	301,202991	371,730146	417,081089	456,918076	515,071718	551,618577
3533	263,663843	301,329877	371,86076	417,211688	457,043032	515,18231	551,732928
3534	263,778759	301,456781	371,991383	417,342291	457,167988	515,292893	551,84727
3535	263,893693	301,583702	372,122014	417,472898	457,292942	515,40347	551,961604
3536	264,008644	301,710641	372,252655	417,603509	457,417896	515,514038	552,075929
3537	264,123612	301,837597	372,383305	417,734124	457,542847	515,624599	552,190246

3538	264,238598	301,964571	372,513963	417,864742	457,667798	515,735153	552,304553
3539	264,353602	302,091562	372,644631	417,995365	457,792748	515,845699	552,418852
3540	264,468623	302,218571	372,775307	418,125991	457,917696	515,956237	552,533143
3541	264,583662	302,345597	372,905992	418,256621	458,042643	516,066768	552,647425
3542	264,698718	302,472641	373,036686	418,387255	458,167589	516,177292	552,761698
3543	264,813792	302,599702	373,167389	418,517893	458,292534	516,287807	552,875962
3544	264,928883	302,726781	373,298101	418,648535	458,417478	516,398316	552,990218
3545	265,043992	302,853877	373,428822	418,779181	458,542422	516,508816	553,104465
3546	265,159118	302,980991	373,559552	418,909831	458,667361	516,61931	553,218704
3547	265,274262	303,108123	373,69029	419,040485	458,792301	516,729795	553,332934
3548	265,389423	303,235271	373,821037	419,171143	458,91724	516,840273	553,447155
3549	265,504602	303,362438	373,951794	419,301804	459,042177	516,950744	553,561368
3550	265,619799	303,489621	374,082559	419,432469	459,167114	517,061207	553,675572
3551	265,735013	303,616822	374,213333	419,563139	459,292049	517,171663	553,789767
3552	265,850244	303,744041	374,344116	419,693812	459,416983	517,282111	553,903954
3553	265,965493	303,871277	374,474908	419,824489	459,541915	517,392551	554,018133
3554	266,08076	303,998531	374,605708	419,95517	459,666847	517,502984	554,132302
3555	266,196044	304,125802	374,736518	420,085855	459,791777	517,61341	554,246463
3556	266,311345	304,253091	374,867336	420,216544	459,916706	517,723828	554,360616
3557	266,426664	304,380397	374,998164	420,347237	460,041634	517,834238	554,47476
3558	266,542001	304,50772	375,129	420,477933	460,166561	517,944642	554,588895
3559	266,657355	304,635061	375,259845	420,608634	460,291487	518,055037	554,703022
3560	266,772726	304,762419	375,390699	420,739338	460,416411	518,165425	554,81714
3561	266,888115	304,889795	375,521561	420,870046	460,541334	518,275806	554,931249
3562	267,003522	305,017189	375,652433	421,000758	460,666256	518,386179	555,04535
3563	267,118946	305,144599	375,783313	421,131474	460,791177	518,496544	555,159443
3564	267,234387	305,272027	375,914203	421,262194	460,916097	518,606902	555,273526
3565	267,349846	305,399473	376,045101	421,392918	461,041015	518,717253	555,387602
3566	267,465322	305,526936	376,176008	421,523646	461,165932	518,827596	555,501668
3567	267,580816	305,654417	376,306924	421,654377	461,290848	518,937932	555,615726
3568	267,696328	305,781915	376,437848	421,785113	461,415763	519,04826	555,729776
3569	267,811856	305,90943	376,568782	421,915852	461,540677	519,158581	555,843817
3570	267,927403	306,036963	376,699724	422,046596	461,665589	519,268894	555,957849
3571	268,042966	306,164513	376,830676	422,177343	461,7905	519,3792	556,071873
3572	268,158548	306,292081	376,961636	422,308094	461,91541	519,489498	556,185888
3573	268,274146	306,419666	377,092604	422,438848	462,040319	519,599789	556,299895
3574	268,389763	306,547268	377,223582	422,569607	462,165227	519,710072	556,413893
3575	268,505396	306,674888	377,354569	422,70037	462,290133	519,820348	556,527883
3576	268,621047	306,802525	377,485564	422,831136	462,415038	519,930617	556,641864
3577	268,736716	306,93018	377,616568	422,961907	462,539943	520,040878	556,755837
3578	268,852402	307,057852	377,747581	423,092681	462,664845	520,151131	556,869801
3579	268,968105	307,185542	377,878603	423,223459	462,789747	520,261377	556,983756
3580	269,083826	307,313249	378,009634	423,354241	462,914648	520,371616	557,097703
3581	269,199565	307,440973	378,140673	423,485027	463,039547	520,481847	557,211642
3582	269,31532	307,568715	378,271722	423,615817	463,164445	520,592071	557,325572
3583	269,431094	307,696474	378,402779	423,74661	463,289342	520,702288	557,439493

3584	269,546884	307,824251	378,533845	423,877408	463,414238	520,812497	557,553406
3585	269,662692	307,952045	378,664919	424,008209	463,539132	520,922698	557,66731
3586	269,778518	308,079856	378,796003	424,139014	463,664026	521,032892	557,781206
3587	269,894361	308,207685	378,927095	424,269823	463,788918	521,143079	557,895094
3588	270,010221	308,335531	379,058197	424,400636	463,913809	521,253258	558,008973
3589	270,126099	308,463394	379,189307	424,531453	464,038699	521,36343	558,122843
3590	270,241994	308,591275	379,320425	424,662274	464,163587	521,473594	558,236705
3591	270,357907	308,719173	379,451553	424,793098	464,288475	521,583751	558,350558
3592	270,473837	308,847089	379,582689	424,923926	464,413361	521,693901	558,464403
3593	270,589785	308,975022	379,713835	425,054759	464,538246	521,804043	558,57824
3594	270,70575	309,102972	379,844989	425,185595	464,66313	521,914178	558,692068
3595	270,821732	309,23094	379,976151	425,316435	464,788013	522,024305	558,805887
3596	270,937732	309,358925	380,107323	425,447278	464,912894	522,134425	558,919698
3597	271,053749	309,486928	380,238503	425,578126	465,037775	522,244538	559,033501
3598	271,169784	309,614947	380,369693	425,708978	465,162654	522,354643	559,147295
3599	271,285836	309,742985	380,50089	425,839833	465,287532	522,464741	559,26108
3600	271,401905	309,871039	380,632097	425,970692	465,412409	522,574831	559,374858
3601	271,517992	309,999111	380,763313	426,101555	465,537284	522,684914	559,488626
3602	271,634096	310,1272	380,894537	426,232422	465,662159	522,79499	559,602386
3603	271,750218	310,255307	381,02577	426,363293	465,787032	522,905058	559,716138
3604	271,866357	310,383431	381,157012	426,494168	465,911904	523,015119	559,829881
3605	271,982513	310,511572	381,288263	426,625046	466,036775	523,125172	559,943616
3606	272,098687	310,639731	381,419522	426,755928	466,161645	523,235219	560,057343
3607	272,214878	310,767907	381,55079	426,886814	466,286513	523,345257	560,171061
3608	272,331087	310,8961	381,682067	427,017704	466,411381	523,455289	560,28477
3609	272,447313	311,024311	381,813353	427,148598	466,536247	523,565313	560,398471
3610	272,563556	311,152539	381,944647	427,279496	466,661112	523,675329	560,512164
3611	272,679817	311,280784	382,075951	427,410397	466,785976	523,785339	560,625848
3612	272,796095	311,409046	382,207263	427,541303	466,910838	523,89534	560,739524
3613	272,91239	311,537326	382,338583	427,672212	467,0357	524,005335	560,853191
3614	273,028703	311,665624	382,469913	427,803125	467,16056	524,115322	560,96685
3615	273,145034	311,793938	382,601251	427,934042	467,285419	524,225302	561,0805
3616	273,261381	311,92227	382,732598	428,064963	467,410277	524,335274	561,194142
3617	273,377746	312,050619	382,863954	428,195887	467,535134	524,44524	561,307776
3618	273,494128	312,178986	382,995319	428,326816	467,65999	524,555197	561,421401
3619	273,610528	312,30737	383,126692	428,457748	467,784844	524,665148	561,535018
3620	273,726945	312,435771	383,258074	428,588684	467,909697	524,775091	561,648627
3621	273,84338	312,564189	383,389465	428,719624	468,034549	524,885027	561,762227
3622	273,959831	312,692625	383,520864	428,850567	468,1594	524,994955	561,875818
3623	274,0763	312,821078	383,652273	428,981515	468,28425	525,104876	561,989401
3624	274,192787	312,949548	383,78369	429,112466	468,409098	525,21479	562,102976
3625	274,309291	313,078036	383,915115	429,243422	468,533946	525,324696	562,216543
3626	274,425812	313,206541	384,04655	429,374381	468,658792	525,434596	562,330101
3627	274,54235	313,335063	384,177993	429,505343	468,783637	525,544487	562,44365
3628	274,658906	313,463602	384,309445	429,63631	468,908481	525,654372	562,557192
3629	274,775479	313,592159	384,440906	429,767281	469,033323	525,764249	562,670725

3630	274,89207	313,720733	384,572375	429,898255	469,158165	525,874119	562,784249
3631	275,008678	313,849324	384,703853	430,029233	469,283005	525,983981	562,897765
3632	275,125303	313,977933	384,83534	430,160215	469,407844	526,093837	563,011273
3633	275,241946	314,106559	384,966836	430,291201	469,532682	526,203684	563,124772
3634	275,358605	314,235202	385,09834	430,42219	469,657519	526,313525	563,238263
3635	275,475283	314,363863	385,229853	430,553184	469,782355	526,423358	563,351746
3636	275,591977	314,49254	385,361375	430,684181	469,907189	526,533184	563,46522
3637	275,708689	314,621235	385,492906	430,815182	470,032023	526,643003	563,578686
3638	275,825418	314,749947	385,624445	430,946187	470,156855	526,752815	563,692144
3639	275,942165	314,878677	385,755993	431,077196	470,281686	526,862619	563,805593
3640	276,058928	315,007424	385,887549	431,208208	470,406515	526,972415	563,919034
3641	276,17571	315,136188	386,019115	431,339225	470,531344	527,082205	564,032467
3642	276,292508	315,264969	386,150689	431,470245	470,656172	527,191987	564,145891
3643	276,409324	315,393767	386,282272	431,601269	470,780998	527,301762	564,259307
3644	276,526157	315,522583	386,413863	431,732296	470,905823	527,41153	564,372714
3645	276,643007	315,651416	386,545463	431,863328	471,030647	527,52129	564,486113
3646	276,759875	315,780266	386,677072	431,994363	471,15547	527,631043	564,599504
3647	276,87676	315,909134	386,80869	432,125403	471,280291	527,740789	564,712887
3648	276,993662	316,038018	386,940316	432,256446	471,405112	527,850528	564,826261
3649	277,110581	316,16692	387,071951	432,387492	471,529931	527,960259	564,939627
3650	277,227518	316,295839	387,203595	432,518543	471,654749	528,069983	565,052985
3651	277,344472	316,424776	387,335247	432,649597	471,779566	528,1797	565,166334
3652	277,461444	316,553729	387,466908	432,780656	471,904382	528,28941	565,279675
3653	277,578433	316,6827	387,598578	432,911718	472,029197	528,399112	565,393007
3654	277,695439	316,811688	387,730256	433,042783	472,15401	528,508807	565,506332
3655	277,812462	316,940694	387,861943	433,173853	472,278822	528,618495	565,619648
3656	277,929502	317,069716	387,993639	433,304926	472,403633	528,728175	565,732956
3657	278,04656	317,198756	388,125343	433,436004	472,528443	528,837848	565,846255
3658	278,163635	317,327813	388,257057	433,567085	472,653252	528,947514	565,959546
3659	278,280728	317,456887	388,388778	433,698169	472,77806	529,057173	566,072829
3660	278,397837	317,585978	388,520509	433,829258	472,902866	529,166825	566,186103
3661	278,514964	317,715087	388,652248	433,96035	473,027672	529,276469	566,29937
3662	278,632109	317,844213	388,783996	434,091447	473,152476	529,386106	566,412628
3663	278,74927	317,973356	388,915752	434,222547	473,277279	529,495736	566,525877
3664	278,866449	318,102516	389,047518	434,35365	473,402081	529,605359	566,639119
3665	278,983645	318,231693	389,179291	434,484758	473,526881	529,714974	566,752352
3666	279,100858	318,360888	389,311074	434,615869	473,651681	529,824582	566,865577
3667	279,218088	318,4901	389,442865	434,746984	473,776479	529,934183	566,978793
3668	279,335336	318,619329	389,574665	434,878103	473,901276	530,043777	567,092002
3669	279,452601	318,748575	389,706473	435,009226	474,026072	530,153363	567,205202
3670	279,569884	318,877838	389,838291	435,140353	474,150867	530,262942	567,318394
3671	279,687183	319,007119	389,970116	435,271483	474,275661	530,372514	567,431577
3672	279,8045	319,136416	390,101951	435,402617	474,400454	530,482079	567,544752
3673	279,921834	319,265731	390,233794	435,533755	474,525245	530,591637	567,657919
3674	280,039185	319,395063	390,365646	435,664896	474,650035	530,701187	567,771078
3675	280,156554	319,524412	390,497506	435,796042	474,774824	530,810731	567,884229

3676	280,273939	319,653779	390,629375	435,927191	474,899612	530,920267	567,997371
3677	280,391342	319,783162	390,761253	436,058344	475,024399	531,029795	568,110505
3678	280,508762	319,912563	390,893139	436,189501	475,149185	531,139317	568,223631
3679	280,6262	320,041981	391,025034	436,320661	475,273969	531,248831	568,336749
3680	280,743655	320,171416	391,156938	436,451826	475,398752	531,358339	568,449858
3681	280,861126	320,300868	391,28885	436,582994	475,523535	531,467839	568,562959
3682	280,978616	320,430337	391,420771	436,714166	475,648316	531,577332	568,676052
3683	281,096122	320,559824	391,552701	436,845341	475,773095	531,686817	568,789137
3684	281,213645	320,689328	391,684639	436,976521	475,897874	531,796296	568,902213
3685	281,331186	320,818848	391,816586	437,107704	476,022652	531,905767	569,015281
3686	281,448744	320,948386	391,948541	437,238891	476,147428	532,015231	569,128341
3687	281,566319	321,077941	392,080505	437,370082	476,272203	532,124688	569,241393
3688	281,683912	321,207514	392,212478	437,501276	476,396977	532,234138	569,354437
3689	281,801522	321,337103	392,344459	437,632474	476,52175	532,343581	569,467472
3690	281,919148	321,46671	392,476449	437,763676	476,646522	532,453016	569,580499
3691	282,036792	321,596333	392,608448	437,894882	476,771293	532,562444	569,693518
3692	282,154454	321,725974	392,740455	438,026092	476,896062	532,671865	569,806529
3693	282,272132	321,855632	392,872471	438,157305	477,02083	532,781279	569,919531
3694	282,389828	321,985307	393,004495	438,288522	477,145598	532,890686	570,032526
3695	282,507541	322,114999	393,136528	438,419743	477,270364	533,000086	570,145512
3696	282,625271	322,244708	393,26857	438,550968	477,395128	533,109478	570,25849
3697	282,743018	322,374435	393,40062	438,682196	477,519892	533,218864	570,37146
3698	282,860782	322,504178	393,532679	438,813428	477,644655	533,328242	570,484421
3699	282,978564	322,633939	393,664746	438,944664	477,769416	533,437613	570,597375
3700	283,096363	322,763717	393,796822	439,075904	477,894176	533,546977	570,71032
3701	283,214179	322,893512	393,928907	439,207147	478,018936	533,656334	570,823257
3702	283,332012	323,023324	394,061	439,338394	478,143693	533,765683	570,936186
3703	283,449862	323,153153	394,193102	439,469645	478,26845	533,875026	571,049107
3704	283,56773	323,282999	394,325212	439,6009	478,393206	533,984361	571,162019
3705	283,685614	323,412862	394,457331	439,732158	478,517961	534,093689	571,274924
3706	283,803516	323,542742	394,589459	439,863421	478,642714	534,20301	571,38782
3707	283,921435	323,67264	394,721595	439,994687	478,767466	534,312324	571,500708
3708	284,039372	323,802554	394,85374	440,125956	478,892217	534,421631	571,613588
3709	284,157325	323,932486	394,985894	440,25723	479,016967	534,530931	571,72646
3710	284,275296	324,062435	395,118056	440,388507	479,141716	534,640223	571,839324
3711	284,393283	324,192401	395,250226	440,519788	479,266464	534,749509	571,952179
3712	284,511288	324,322384	395,382405	440,651073	479,39121	534,858787	572,065027
3713	284,62931	324,452384	395,514593	440,782361	479,515955	534,968058	572,177866
3714	284,747349	324,582401	395,646789	440,913653	479,6407	535,077323	572,290697
3715	284,865406	324,712435	395,778994	441,044949	479,765443	535,18658	572,40352
3716	284,983479	324,842486	395,911208	441,176249	479,890185	535,29583	572,516335
3717	285,10157	324,972555	396,04343	441,307552	480,014925	535,405072	572,629141
3718	285,219678	325,10264	396,175661	441,43886	480,139665	535,514308	572,74194
3719	285,337803	325,232742	396,3079	441,57017	480,264403	535,623537	572,85473
3720	285,455945	325,362862	396,440148	441,701485	480,389141	535,732758	572,967513
3721	285,574104	325,492998	396,572404	441,832803	480,513877	535,841973	573,080287

3722	285,69228	325,623152	396,704669	441,964126	480,638612	535,95118	573,193053
3723	285,810474	325,753323	396,836942	442,095451	480,763346	536,06038	573,305811
3724	285,928684	325,883511	396,969224	442,226781	480,888079	536,169573	573,418561
3725	286,046912	326,013715	397,101515	442,358114	481,01281	536,278759	573,531303
3726	286,165157	326,143937	397,233814	442,489452	481,137541	536,387938	573,644036
3727	286,283419	326,274176	397,366122	442,620792	481,26227	536,49711	573,756762
3728	286,401698	326,404432	397,498438	442,752137	481,386998	536,606275	573,869479
3729	286,519995	326,534705	397,630763	442,883485	481,511726	536,715433	573,982189
3730	286,638308	326,664995	397,763096	443,014837	481,636452	536,824584	574,09489
3731	286,756638	326,795302	397,895438	443,146193	481,761176	536,933727	574,207583
3732	286,874986	326,925626	398,027789	443,277552	481,8859	537,042864	574,320268
3733	286,993351	327,055968	398,160148	443,408916	482,010622	537,151993	574,432945
3734	287,111733	327,186326	398,292515	443,540283	482,135344	537,261116	574,545614
3735	287,230132	327,316701	398,424891	443,671653	482,260064	537,370231	574,658275
3736	287,348548	327,447093	398,557276	443,803028	482,384783	537,479339	574,770928
3737	287,466981	327,577503	398,689669	443,934406	482,509501	537,588441	574,883572
3738	287,585431	327,707929	398,822071	444,065788	482,634218	537,697535	574,996209
3739	287,703899	327,838372	398,954481	444,197173	482,758934	537,806622	575,108837
3740	287,822383	327,968833	399,0869	444,328562	482,883648	537,915702	575,221458
3741	287,940885	328,09931	399,219327	444,459955	483,008362	538,024775	575,33407
3742	288,059404	328,229804	399,351763	444,591352	483,133074	538,133841	575,446675
3743	288,177939	328,360316	399,484208	444,722753	483,257785	538,2429	575,559271
3744	288,296492	328,490844	399,61666	444,854157	483,382495	538,351952	575,671859
3745	288,415062	328,62139	399,749122	444,985565	483,507204	538,460997	575,784439
3746	288,533649	328,751952	399,881592	445,116976	483,631912	538,570035	575,897011
3747	288,652254	328,882531	400,01407	445,248391	483,756618	538,679066	576,009576
3748	288,770875	329,013128	400,146557	445,379811	483,881324	538,788089	576,122132
3749	288,889513	329,143741	400,279053	445,511233	484,006028	538,897106	576,23468
3750	289,008169	329,274372	400,411557	445,64266	484,130731	539,006116	576,34722
3751	289,126841	329,405019	400,544069	445,77409	484,255433	539,115119	576,459751
3752	289,245531	329,535683	400,676591	445,905524	484,380134	539,224114	576,572275
3753	289,364237	329,666365	400,80912	446,036961	484,504834	539,333103	576,684791
3754	289,482961	329,797063	400,941658	446,168403	484,629533	539,442085	576,797299
3755	289,601702	329,927779	401,074205	446,299848	484,75423	539,551059	576,909799
3756	289,72046	330,058511	401,20676	446,431296	484,878927	539,660027	577,022291
3757	289,839235	330,18926	401,339324	446,562749	485,003622	539,768988	577,134774
3758	289,958027	330,320027	401,471896	446,694205	485,128316	539,877941	577,24725
3759	290,076836	330,45081	401,604476	446,825665	485,253009	539,986888	577,359718
3760	290,195662	330,58161	401,737065	446,957128	485,377701	540,095827	577,472178
3761	290,314505	330,712427	401,869663	447,088596	485,502392	540,20476	577,584629
3762	290,433365	330,843261	402,002269	447,220067	485,627082	540,313686	577,697073
3763	290,552242	330,974113	402,134884	447,351541	485,75177	540,422604	577,809509
3764	290,671137	331,104981	402,267507	447,48302	485,876457	540,531516	577,921936
3765	290,790048	331,235866	402,400139	447,614502	486,001144	540,64042	578,034356
3766	290,908977	331,366768	402,532779	447,745987	486,125829	540,749318	578,146768
3767	291,027922	331,497687	402,665427	447,877477	486,250513	540,858209	578,259172

3768	291,146885	331,628623	402,798084	448,00897	486,375196	540,967092	578,371567
3769	291,265864	331,759576	402,93075	448,140467	486,499877	541,075969	578,483955
3770	291,384861	331,890546	403,063424	448,271968	486,624558	541,184839	578,596335
3771	291,503874	332,021532	403,196106	448,403472	486,749237	541,293702	578,708707
3772	291,622905	332,152536	403,328797	448,53498	486,873916	541,402557	578,82107
3773	291,741953	332,283557	403,461497	448,666491	486,998593	541,511406	578,933426
3774	291,861017	332,414594	403,594205	448,798007	487,123269	541,620248	579,045774
3775	291,980099	332,545649	403,726921	448,929526	487,247944	541,729083	579,158114
3776	292,099198	332,67672	403,859646	449,061048	487,372618	541,837911	579,270446
3777	292,218314	332,807809	403,992379	449,192575	487,497291	541,946731	579,38277
3778	292,337447	332,938914	404,125121	449,324105	487,621962	542,055545	579,495086
3779	292,456596	333,070037	404,257872	449,455639	487,746633	542,164352	579,607394
3780	292,575763	333,201176	404,39063	449,587176	487,871302	542,273152	579,719694
3781	292,694947	333,332332	404,523397	449,718717	487,99597	542,381946	579,831986
3782	292,814148	333,463505	404,656173	449,850262	488,120637	542,490732	579,94427
3783	292,933366	333,594695	404,788957	449,981811	488,245303	542,599511	580,056546
3784	293,052601	333,725902	404,92175	450,113363	488,369968	542,708283	580,168814
3785	293,171853	333,857126	405,054551	450,244919	488,494632	542,817048	580,281075
3786	293,291122	333,988366	405,187361	450,376478	488,619295	542,925807	580,393327
3787	293,410408	334,119624	405,320179	450,508042	488,743956	543,034558	580,505572
3788	293,529711	334,250899	405,453005	450,639609	488,868616	543,143303	580,617808
3789	293,649031	334,38219	405,58584	450,771179	488,993276	543,25204	580,730037
3790	293,768367	334,513498	405,718683	450,902754	489,117934	543,360771	580,842257
3791	293,887721	334,644824	405,851535	451,034331	489,242591	543,469494	580,95447
3792	294,007092	334,776166	405,984395	451,165913	489,367247	543,578211	581,066675
3793	294,12648	334,907525	406,117264	451,297498	489,491902	543,686921	581,178872
3794	294,245885	335,038901	406,250141	451,429087	489,616555	543,795624	581,29106
3795	294,365307	335,170294	406,383026	451,56068	489,741208	543,90432	581,403241
3796	294,484746	335,301703	406,51592	451,692277	489,865859	544,013009	581,515415
3797	294,604202	335,43313	406,648823	451,823877	489,990509	544,121691	581,62758
3798	294,723675	335,564574	406,781734	451,95548	490,115159	544,230366	581,739737
3799	294,843164	335,696034	406,914653	452,087088	490,239807	544,339035	581,851886
3800	294,962671	335,827511	407,047581	452,218699	490,364454	544,447696	581,964028
3801	295,082195	335,959005	407,180517	452,350313	490,489099	544,55635	582,076161
3802	295,201736	336,090516	407,313461	452,481932	490,613744	544,664998	582,188287
3803	295,321293	336,222044	407,446414	452,613554	490,738388	544,773639	582,300405
3804	295,440868	336,353589	407,579376	452,745179	490,86303	544,882272	582,412515
3805	295,56046	336,485151	407,712346	452,876809	490,987671	544,990899	582,524617
3806	295,680068	336,616729	407,845324	453,008442	491,112312	545,099519	582,636711
3807	295,799694	336,748325	407,978311	453,140079	491,236951	545,208132	582,748797
3808	295,919337	336,879937	408,111306	453,271719	491,361589	545,316738	582,860875
3809	296,038996	337,011566	408,244309	453,403363	491,486226	545,425338	582,972946
3810	296,158672	337,143212	408,377321	453,535011	491,610861	545,53393	583,085008
3811	296,278366	337,274875	408,510342	453,666662	491,735496	545,642516	583,197063
3812	296,398076	337,406555	408,643371	453,798317	491,86013	545,751094	583,30911
3813	296,517804	337,538251	408,776408	453,929976	491,984762	545,859666	583,421149

3814	296,637548	337,669964	408,909453	454,061638	492,109393	545,968231	583,53318
3815	296,757309	337,801695	409,042507	454,193304	492,234024	546,076789	583,645203
3816	296,877087	337,933442	409,17557	454,324974	492,358653	546,18534	583,757218
3817	296,996882	338,065206	409,308641	454,456647	492,483281	546,293884	583,869226
3818	297,116694	338,196986	409,44172	454,588324	492,607908	546,402422	583,981225
3819	297,236523	338,328784	409,574807	454,720005	492,732533	546,510952	584,093217
3820	297,356369	338,460598	409,707903	454,851689	492,857158	546,619476	584,205201
3821	297,476232	338,59243	409,841008	454,983377	492,981781	546,727993	584,317177
3822	297,596112	338,724278	409,974121	455,115068	493,106404	546,836502	584,429145
3823	297,716008	338,856143	410,107242	455,246764	493,231025	546,945005	584,541105
3824	297,835922	338,988024	410,240371	455,378462	493,355645	547,053502	584,653058
3825	297,955853	339,119923	410,373509	455,510165	493,480264	547,161991	584,765003
3826	298,0758	339,251838	410,506656	455,641871	493,604882	547,270474	584,87694
3827	298,195764	339,38377	410,63981	455,773581	493,729499	547,378949	584,988869
3828	298,315746	339,51572	410,772974	455,905294	493,854115	547,487418	585,10079
3829	298,435744	339,647685	410,906145	456,037012	493,97873	547,59588	585,212703
3830	298,555759	339,779668	411,039325	456,168732	494,103343	547,704335	585,324609
3831	298,675791	339,911667	411,172513	456,300457	494,227956	547,812783	585,436506
3832	298,79584	340,043684	411,30571	456,432185	494,352567	547,921225	585,548396
3833	298,915906	340,175717	411,438915	456,563916	494,477177	548,029659	585,660278
3834	299,035989	340,307767	411,572128	456,695652	494,601786	548,138087	585,772152
3835	299,156089	340,439833	411,70535	456,827391	494,726394	548,246508	585,884019
3836	299,276205	340,571917	411,83858	456,959133	494,851001	548,354922	585,995877
3837	299,396339	340,704017	411,971819	457,090879	494,975607	548,463329	586,107728
3838	299,516489	340,836134	412,105066	457,222629	495,100212	548,57173	586,219571
3839	299,636656	340,968268	412,238321	457,354383	495,224815	548,680123	586,331407
3840	299,75684	341,100419	412,371585	457,48614	495,349418	548,78851	586,443234
3841	299,877042	341,232586	412,504857	457,617901	495,474019	548,89689	586,555054
3842	299,99726	341,36477	412,638137	457,749665	495,598619	549,005263	586,666865
3843	300,117494	341,496971	412,771426	457,881433	495,723218	549,113629	586,778669
3844	300,237746	341,629189	412,904723	458,013205	495,847816	549,221989	586,890466
3845	300,358015	341,761424	413,038028	458,14498	495,972413	549,330342	587,002254
3846	300,4783	341,893675	413,171342	458,276759	496,097009	549,438688	587,114035
3847	300,598603	342,025943	413,304664	458,408542	496,221604	549,547027	587,225808
3848	300,718922	342,158228	413,437995	458,540328	496,346198	549,655359	587,337573
3849	300,839258	342,29053	413,571333	458,672118	496,47079	549,763684	587,44933
3850	300,959611	342,422848	413,704681	458,803911	496,595381	549,872003	587,561079
3851	301,079981	342,555184	413,838036	458,935708	496,719972	549,980315	587,672821
3852	301,200368	342,687536	413,9714	459,067509	496,844561	550,08862	587,784555
3853	301,320771	342,819904	414,104772	459,199313	496,969149	550,196918	587,896281
3854	301,441192	342,95229	414,238153	459,331121	497,093736	550,30521	588,008
3855	301,561629	343,084692	414,371542	459,462933	497,218322	550,413495	588,119711
3856	301,682084	343,217111	414,504939	459,594748	497,342907	550,521773	588,231414
3857	301,802555	343,349547	414,638345	459,726567	497,467491	550,630044	588,343109
3858	301,923043	343,481999	414,771759	459,858389	497,592073	550,738308	588,454796
3859	302,043547	343,614469	414,905181	459,990216	497,716655	550,846566	588,566476

3860	302,164069	343,746955	415,038611	460,122045	497,841235	550,954816	588,678148
3861	302,284608	343,879457	415,17205	460,253879	497,965814	551,06306	588,789812
3862	302,405163	344,011977	415,305498	460,385715	498,090393	551,171298	588,901468
3863	302,525735	344,144513	415,438953	460,517556	498,21497	551,279528	589,013117
3864	302,646324	344,277066	415,572417	460,6494	498,339546	551,387752	589,124758
3865	302,76693	344,409636	415,705889	460,781248	498,464121	551,495969	589,236391
3866	302,887553	344,542222	415,83937	460,913099	498,588694	551,604179	589,348017
3867	303,008193	344,674825	415,972859	461,044954	498,713267	551,712382	589,459634
3868	303,128849	344,807445	416,106356	461,176813	498,837839	551,820579	589,571244
3869	303,249522	344,940082	416,239861	461,308675	498,962409	551,928769	589,682847
3870	303,370212	345,072735	416,373375	461,440541	499,086979	552,036952	589,794441
3871	303,490919	345,205405	416,506897	461,57241	499,211547	552,145129	589,906028
3872	303,611643	345,338092	416,640428	461,704284	499,336114	552,253298	590,017607
3873	303,732384	345,470796	416,773967	461,83616	499,46068	552,361461	590,129179
3874	303,853141	345,603516	416,907514	461,96804	499,585245	552,469617	590,240742
3875	303,973915	345,736253	417,041069	462,099924	499,709809	552,577767	590,352298
3876	304,094706	345,869006	417,174633	462,231812	499,834372	552,685909	590,463847
3877	304,215514	346,001777	417,308205	462,363703	499,958934	552,794045	590,575387
3878	304,336339	346,134564	417,441785	462,495598	500,083495	552,902174	590,68692
3879	304,457181	346,267368	417,575374	462,627496	500,208054	553,010297	590,798445
3880	304,578039	346,400188	417,70897	462,759398	500,332613	553,118413	590,909963
3881	304,698914	346,533025	417,842576	462,891303	500,45717	553,226522	591,021473
3882	304,819806	346,665879	417,976189	463,023212	500,581726	553,334624	591,132975
3883	304,940715	346,79875	418,109811	463,155125	500,706282	553,442719	591,244469
3884	305,06164	346,931637	418,243441	463,287041	500,830836	553,550808	591,355956
3885	305,182583	347,064541	418,377079	463,418961	500,955389	553,65889	591,467435
3886	305,303542	347,197461	418,510726	463,550885	501,079941	553,766965	591,578906
3887	305,424518	347,330399	418,644381	463,682812	501,204491	553,875034	591,69037
3888	305,545511	347,463353	418,778044	463,814743	501,329041	553,983096	591,801826
3889	305,66652	347,596323	418,911716	463,946677	501,45359	554,091151	591,913274
3890	305,787547	347,729311	419,045395	464,078615	501,578137	554,1992	592,024715
3891	305,90859	347,862315	419,179084	464,210556	501,702684	554,307241	592,136147
3892	306,02965	347,995335	419,31278	464,342501	501,827229	554,415276	592,247573
3893	306,150727	348,128373	419,446485	464,47445	501,951773	554,523305	592,35899
3894	306,27182	348,261427	419,580197	464,606402	502,076317	554,631326	592,4704
3895	306,39293	348,394498	419,713919	464,738358	502,200859	554,739341	592,581803
3896	306,514058	348,527585	419,847648	464,870317	502,3254	554,84735	592,693197
3897	306,635201	348,660689	419,981386	465,00228	502,44994	554,955351	592,804584
3898	306,756362	348,79381	420,115132	465,134247	502,574478	555,063346	592,915964
3899	306,87754	348,926947	420,248886	465,266217	502,699016	555,171334	593,027335
3900	306,998734	349,060101	420,382649	465,398191	502,823553	555,279316	593,138699
3901	307,119945	349,193272	420,516419	465,530168	502,948088	555,38729	593,250056
3902	307,241173	349,326459	420,650199	465,662149	503,072623	555,495259	593,361404
3903	307,362417	349,459663	420,783986	465,794134	503,197156	555,60322	593,472745
3904	307,483678	349,592884	420,917781	465,926122	503,321688	555,711175	593,584079
3905	307,604956	349,726121	421,051585	466,058114	503,44622	555,819123	593,695405

3906	307,726251	349,859375	421,185397	466,190109	503,57075	555,927064	593,806723
3907	307,847563	349,992646	421,319218	466,322108	503,695279	556,034999	593,918033
3908	307,968891	350,125933	421,453046	466,45411	503,819807	556,142927	594,029336
3909	308,090236	350,259237	421,586883	466,586116	503,944334	556,250848	594,140632
3910	308,211598	350,392557	421,720728	466,718126	504,068859	556,358763	594,251919
3911	308,332977	350,525894	421,854582	466,850139	504,193384	556,466671	594,363199
3912	308,454372	350,659248	421,988443	466,982156	504,317908	556,574572	594,474472
3913	308,575784	350,792619	422,122313	467,114176	504,44243	556,682467	594,585737
3914	308,697213	350,926006	422,256191	467,2462	504,566952	556,790355	594,696994
3915	308,818659	351,059409	422,390078	467,378227	504,691472	556,898236	594,808243
3916	308,940121	351,192829	422,523972	467,510258	504,815991	557,006111	594,919485
3917	309,0616	351,326266	422,657875	467,642293	504,94051	557,113979	595,03072
3918	309,183096	351,45972	422,791786	467,774331	505,065027	557,22184	595,141946
3919	309,304609	351,59319	422,925706	467,906373	505,189543	557,329695	595,253166
3920	309,426138	351,726677	423,059633	468,038418	505,314058	557,437543	595,364377
3921	309,547684	351,86018	423,193569	468,170467	505,438571	557,545384	595,475581
3922	309,669247	351,9937	423,327513	468,30252	505,563084	557,653219	595,586777
3923	309,790826	352,127237	423,461465	468,434576	505,687596	557,761047	595,697966
3924	309,912422	352,26079	423,595426	468,566635	505,812107	557,868869	595,809147
3925	310,034035	352,39436	423,729394	468,698698	505,936616	557,976684	595,920321
3926	310,155665	352,527946	423,863371	468,830765	506,061125	558,084492	596,031487
3927	310,277311	352,661549	423,997356	468,962835	506,185632	558,192293	596,142646
3928	310,398975	352,795168	424,13135	469,094909	506,310138	558,300088	596,253796
3929	310,520654	352,928805	424,265351	469,226987	506,434643	558,407877	596,36494
3930	310,642351	353,062457	424,399361	469,359068	506,559148	558,515658	596,476075
3931	310,764064	353,196127	424,533379	469,491152	506,683651	558,623434	596,587203
3932	310,885794	353,329813	424,667406	469,62324	506,808153	558,731202	596,698324
3933	311,007541	353,463515	424,80144	469,755332	506,932653	558,838964	596,809437
3934	311,129304	353,597234	424,935483	469,887427	507,057153	558,946719	596,920542
3935	311,251084	353,73097	425,069534	470,019526	507,181652	559,054468	597,03164
3936	311,372881	353,864722	425,203593	470,151628	507,30615	559,16221	597,142731
3937	311,494695	353,998491	425,33766	470,283734	507,430646	559,269945	597,253813
3938	311,616525	354,132277	425,471735	470,415844	507,555142	559,377674	597,364889
3939	311,738372	354,266079	425,605819	470,547957	507,679636	559,485396	597,475956
3940	311,860235	354,399897	425,739911	470,680073	507,804129	559,593111	597,587016
3941	311,982116	354,533732	425,874011	470,812193	507,928622	559,70082	597,698069
3942	312,104013	354,667584	426,00812	470,944317	508,053113	559,808523	597,809114
3943	312,225926	354,801452	426,142236	471,076444	508,177603	559,916218	597,920151
3944	312,347857	354,935337	426,276361	471,208575	508,302092	560,023907	598,031181
3945	312,469804	355,069238	426,410494	471,340709	508,42658	560,13159	598,142204
3946	312,591768	355,203156	426,544635	471,472847	508,551067	560,239266	598,253218
3947	312,713748	355,337091	426,678784	471,604988	508,675553	560,346935	598,364226
3948	312,835745	355,471042	426,812942	471,737133	508,800038	560,454598	598,475225
3949	312,957759	355,60501	426,947107	471,869282	508,924521	560,562254	598,586218
3950	313,079789	355,738994	427,081281	472,001434	509,049004	560,669904	598,697202
3951	313,201836	355,872994	427,215463	472,133589	509,173485	560,777547	598,80818

3952	313,3239	356,007012	427,349654	472,265749	509,297966	560,885183	598,919149
3953	313,445981	356,141045	427,483852	472,397911	509,422445	560,992813	599,030111
3954	313,568078	356,275096	427,618059	472,530077	509,546923	561,100436	599,141066
3955	313,690192	356,409163	427,752273	472,662247	509,671401	561,208053	599,252013
3956	313,812322	356,543246	427,886496	472,794421	509,795877	561,315663	599,362953
3957	313,934469	356,677346	428,020727	472,926597	509,920352	561,423266	599,473885
3958	314,056633	356,811463	428,154967	473,058778	510,044826	561,530863	599,58481
3959	314,178814	356,945596	428,289214	473,190962	510,169299	561,638454	599,695727
3960	314,301011	357,079745	428,42347	473,323149	510,293771	561,746038	599,806636
3961	314,423225	357,213911	428,557734	473,45534	510,418242	561,853615	599,917538
3962	314,545455	357,348094	428,692006	473,587535	510,542711	561,961185	600,028433
3963	314,667702	357,482293	428,826286	473,719733	510,66718	562,06875	600,13932
3964	314,789966	357,616508	428,960574	473,851934	510,791648	562,176307	600,2502
3965	314,912246	357,750741	429,094871	473,984139	510,916114	562,283858	600,361072
3966	315,034543	357,884989	429,229175	474,116348	511,04058	562,391403	600,471936
3967	315,156857	358,019254	429,363488	474,24856	511,165044	562,498941	600,582793
3968	315,279187	358,153536	429,497809	474,380776	511,289507	562,606472	600,693643
3969	315,401534	358,287834	429,632138	474,512995	511,413969	562,713997	600,804485
3970	315,523898	358,422149	429,766476	474,645218	511,538431	562,821515	600,91532
3971	315,646278	358,55648	429,900821	474,777444	511,662891	562,929027	601,026147
3972	315,768675	358,690828	430,035175	474,909674	511,78735	563,036532	601,136967
3973	315,891088	358,825192	430,169536	475,041907	511,911808	563,144031	601,247779
3974	316,013518	358,959573	430,303906	475,174144	512,036265	563,251523	601,358584
3975	316,135965	359,09397	430,438284	475,306385	512,16072	563,359008	601,469381
3976	316,258429	359,228384	430,572671	475,438629	512,285175	563,466487	601,580171
3977	316,380909	359,362814	430,707065	475,570876	512,409629	563,57396	601,690954
3978	316,503405	359,497261	430,841467	475,703127	512,534082	563,681426	601,801729
3979	316,625918	359,631724	430,975878	475,835382	512,658533	563,788885	601,912496
3980	316,748448	359,766203	431,110297	475,96764	512,782984	563,896338	602,023256
3981	316,870995	359,9007	431,244724	476,099901	512,907433	564,003785	602,134009
3982	316,993558	360,035212	431,379159	476,232166	513,031881	564,111224	602,244754
3983	317,116138	360,169741	431,513602	476,364435	513,156329	564,218658	602,355492
3984	317,238734	360,304287	431,648053	476,496707	513,280775	564,326085	602,466222
3985	317,361347	360,438849	431,782513	476,628983	513,40522	564,433505	602,576945
3986	317,483976	360,573427	431,91698	476,761262	513,529664	564,540919	602,68766
3987	317,606622	360,708022	432,051456	476,893544	513,654107	564,648326	602,798368
3988	317,729285	360,842634	432,18594	477,02583	513,778549	564,755727	602,909069
3989	317,851965	360,977262	432,320432	477,15812	513,90299	564,863121	603,019762
3990	317,974661	361,111906	432,454932	477,290413	514,02743	564,970509	603,130447
3991	318,097373	361,246567	432,58944	477,42271	514,151869	565,07789	603,241125
3992	318,220102	361,381244	432,723957	477,55501	514,276307	565,185265	603,351796
3993	318,342848	361,515938	432,858481	477,687314	514,400743	565,292633	603,46246
3994	318,46561	361,650648	432,993014	477,819621	514,525179	565,399995	603,573116
3995	318,588389	361,785375	433,127554	477,951932	514,649614	565,50735	603,683764
3996	318,711185	361,920118	433,262103	478,084246	514,774047	565,614699	603,794405
3997	318,833997	362,054878	433,39666	478,216564	514,898479	565,722042	603,905039

3998	318,956825	362,189654	433,531225	478,348885	515,022911	565,829377	604,015665
3999	319,079671	362,324446	433,665798	478,48121	515,147341	565,936707	604,126284
4000	319,202533	362,459255	433,80038	478,613538	515,27177	566,04403	604,236895
4001	319,325411	362,594081	433,934969	478,74587	515,396199	566,151346	604,347499
4002	319,448306	362,728922	434,069566	478,878205	515,520626	566,258656	604,458096
4003	319,571218	362,863781	434,204172	479,010544	515,645052	566,365959	604,568685
4004	319,694146	362,998655	434,338786	479,142887	515,769477	566,473256	604,679267
4005	319,81709	363,133546	434,473408	479,275232	515,893901	566,580547	604,789842
4006	319,940052	363,268454	434,608037	479,407582	516,018324	566,687831	604,900409
4007	320,06303	363,403378	434,742675	479,539934	516,142745	566,795108	605,010968
4008	320,186024	363,538318	434,877321	479,672291	516,267166	566,902379	605,121521
4009	320,309035	363,673275	435,011976	479,804651	516,391586	567,009644	605,232066
4010	320,432062	363,808248	435,146638	479,937014	516,516005	567,116902	605,342603
4011	320,555107	363,943238	435,281308	480,069381	516,640422	567,224154	605,453133
4012	320,678167	364,078244	435,415987	480,201751	516,764839	567,331399	605,563656
4013	320,801244	364,213266	435,550673	480,334125	516,889254	567,438637	605,674171
4014	320,924338	364,348305	435,685368	480,466502	517,013669	567,54587	605,784679
4015	321,047449	364,483361	435,820071	480,598883	517,138082	567,653096	605,89518
4016	321,170575	364,618432	435,954782	480,731267	517,262494	567,760315	606,005673
4017	321,293719	364,75352	436,0895	480,863655	517,386906	567,867528	606,116159
4018	321,416879	364,888625	436,224227	480,996046	517,511316	567,974734	606,226638
4019	321,540055	365,023746	436,358962	481,128441	517,635725	568,081934	606,337109
4020	321,663248	365,158883	436,493706	481,260839	517,760133	568,189128	606,447573
4021	321,786458	365,294037	436,628457	481,393241	517,88454	568,296315	606,558029
4022	321,909684	365,429207	436,763216	481,525646	518,008946	568,403496	606,668478
4023	322,032927	365,564394	436,897984	481,658055	518,133351	568,51067	606,77892
4024	322,156186	365,699597	437,032759	481,790467	518,257755	568,617838	606,889354
4025	322,279462	365,834816	437,167542	481,922883	518,382158	568,724999	606,999781
4026	322,402754	365,970052	437,302334	482,055302	518,50656	568,832154	607,110201
4027	322,526063	366,105304	437,437134	482,187724	518,63096	568,939303	607,220613
4028	322,649388	366,240572	437,571941	482,320151	518,75536	569,046445	607,331018
4029	322,77273	366,375857	437,706757	482,45258	518,879759	569,153581	607,441416
4030	322,896088	366,511158	437,841581	482,585013	519,004156	569,26071	607,551806
4031	323,019463	366,646476	437,976413	482,71745	519,128553	569,367833	607,662189
4032	323,142855	366,78181	438,111253	482,84989	519,252948	569,474949	607,772565
4033	323,266263	366,91716	438,246101	482,982333	519,377343	569,582059	607,882933
4034	323,389687	367,052527	438,380957	483,11478	519,501736	569,689163	607,993294
4035	323,513128	367,18791	438,515821	483,247231	519,626128	569,79626	608,103648
4036	323,636585	367,32331	438,650693	483,379685	519,750519	569,90335	608,213994
4037	323,760059	367,458725	438,785574	483,512142	519,87491	570,010435	608,324333
4038	323,88355	367,594158	438,920462	483,644603	519,999299	570,117513	608,434665
4039	324,007057	367,729606	439,055358	483,777068	520,123687	570,224584	608,54499
4040	324,13058	367,865071	439,190263	483,909536	520,248074	570,331649	608,655307
4041	324,25412	368,000552	439,325175	484,042007	520,37246	570,438708	608,765616
4042	324,377677	368,13605	439,460096	484,174482	520,496845	570,54576	608,875919
4043	324,50125	368,271564	439,595024	484,30696	520,621229	570,652806	608,986214

4044	324,624839	368,407094	439,729961	484,439442	520,745612	570,759846	609,096502
4045	324,748445	368,542641	439,864906	484,571927	520,869994	570,866879	609,206782
4046	324,872068	368,678204	439,999858	484,704416	520,994374	570,973906	609,317056
4047	324,995707	368,813784	440,134819	484,836908	521,118754	571,080926	609,427322
4048	325,119362	368,949379	440,269788	484,969404	521,243133	571,18794	609,53758
4049	325,243034	369,084991	440,404764	485,101903	521,36751	571,294947	609,647832
4050	325,366723	369,22062	440,539749	485,234405	521,491887	571,401949	609,758076
4051	325,490428	369,356264	440,674742	485,366911	521,616263	571,508943	609,868312
4052	325,614149	369,491926	440,809743	485,499421	521,740637	571,615932	609,978542
4053	325,737887	369,627603	440,944752	485,631934	521,86501	571,722914	610,088764
4054	325,861642	369,763297	441,079769	485,76445	521,989383	571,829889	610,198979
4055	325,985412	369,899007	441,214794	485,89697	522,113754	571,936859	610,309187
4056	326,1092	370,034733	441,349827	486,029494	522,238125	572,043822	610,419387
4057	326,233003	370,170476	441,484868	486,16202	522,362494	572,150778	610,52958
4058	326,356824	370,306235	441,619917	486,294551	522,486862	572,257728	610,639766
4059	326,48066	370,44201	441,754974	486,427084	522,611229	572,364672	610,749945
4060	326,604514	370,577802	441,890039	486,559622	522,735595	572,471609	610,860116
4061	326,728383	370,71361	442,025112	486,692162	522,85996	572,578541	610,97028
4062	326,85227	370,849434	442,160193	486,824706	522,984324	572,685465	611,080437
4063	326,976172	370,985275	442,295282	486,957254	523,108687	572,792384	611,190586
4064	327,100091	371,121132	442,430379	487,089805	523,233049	572,899296	611,300728
4065	327,224027	371,257005	442,565484	487,22236	523,35741	573,006201	611,410863
4066	327,347979	371,392895	442,700598	487,354918	523,48177	573,1131	611,520991
4067	327,471947	371,528801	442,835719	487,487479	523,606129	573,219993	611,631111
4068	327,595932	371,664723	442,970848	487,620044	523,730487	573,32688	611,741225
4069	327,719933	371,800661	443,105985	487,752612	523,854844	573,43376	611,851331
4070	327,843951	371,936616	443,24113	487,885184	523,979199	573,540634	611,961429
4071	327,967985	372,072587	443,376283	488,017759	524,103554	573,647502	612,071521
4072	328,092036	372,208574	443,511445	488,150338	524,227908	573,754363	612,181605
4073	328,216103	372,344578	443,646614	488,28292	524,35226	573,861218	612,291682
4074	328,340187	372,480598	443,781791	488,415505	524,476612	573,968066	612,401752
4075	328,464287	372,616634	443,916976	488,548094	524,600962	574,074908	612,511814
4076	328,588403	372,752687	444,052169	488,680687	524,725312	574,181744	612,62187
4077	328,712536	372,888755	444,187371	488,813283	524,84966	574,288574	612,731918
4078	328,836685	373,02484	444,32258	488,945882	524,974008	574,395397	612,841959
4079	328,960851	373,160942	444,457797	489,078485	525,098354	574,502214	612,951992
4080	329,085033	373,297059	444,593022	489,211091	525,222699	574,609024	613,062019
4081	329,209232	373,433193	444,728255	489,343701	525,347043	574,715828	613,172038
4082	329,333447	373,569343	444,863496	489,476314	525,471387	574,822626	613,28205
4083	329,457678	373,70551	444,998745	489,608931	525,595729	574,929418	613,392054
4084	329,581926	373,841693	445,134002	489,741551	525,72007	575,036203	613,502052
4085	329,70619	373,977892	445,269267	489,874174	525,84441	575,142982	613,612042
4086	329,830471	374,114107	445,40454	490,006801	525,968749	575,249754	613,722025
4087	329,954768	374,250338	445,539821	490,139431	526,093087	575,356521	613,832001
4088	330,079082	374,386586	445,67511	490,272065	526,217424	575,463281	613,94197
4089	330,203412	374,52285	445,810407	490,404702	526,34176	575,570034	614,051931

4090	330,327758	374,65913	445,945712	490,537343	526,466095	575,676782	614,161886
4091	330,452121	374,795427	446,081025	490,669987	526,590429	575,783523	614,271833
4092	330,5765	374,93174	446,216346	490,802634	526,714762	575,890257	614,381772
4093	330,700896	375,068069	446,351675	490,935285	526,839094	575,996986	614,491705
4094	330,825308	375,204414	446,487012	491,06794	526,963425	576,103708	614,601631
4095	330,949736	375,340775	446,622357	491,200597	527,087754	576,210424	614,711549
4096	331,074181	375,477153	446,757709	491,333259	527,212083	576,317133	614,82146
4097	331,198642	375,613547	446,89307	491,465923	527,336411	576,423837	614,931364
4098	331,32312	375,749958	447,028439	491,598591	527,460737	576,530534	615,041261
4099	331,447614	375,886384	447,163815	491,731263	527,585063	576,637224	615,15115
4100	331,572124	376,022827	447,2992	491,863938	527,709388	576,743909	615,261033
4101	331,696651	376,159286	447,434592	491,996616	527,833711	576,850587	615,370908
4102	331,821194	376,295761	447,569993	492,129298	527,958034	576,957259	615,480776
4103	331,945753	376,432252	447,705401	492,261983	528,082355	577,063924	615,590637
4104	332,070329	376,56876	447,840818	492,394672	528,206676	577,170583	615,70049
4105	332,194922	376,705284	447,976242	492,527364	528,330995	577,277236	615,810337
4106	332,31953	376,841824	448,111675	492,66006	528,455313	577,383883	615,920176
4107	332,444155	376,97838	448,247115	492,792759	528,579631	577,490523	616,030009
4108	332,568797	377,114953	448,382563	492,925461	528,703947	577,597157	616,139834
4109	332,693455	377,251542	448,518019	493,058167	528,828262	577,703785	616,249651
4110	332,818129	377,388147	448,653483	493,190876	528,952577	577,810407	616,359462
4111	332,942819	377,524768	448,788955	493,323589	529,07689	577,917022	616,469266
4112	333,067526	377,661405	448,924435	493,456305	529,201202	578,023631	616,579062
4113	333,19225	377,798059	449,059923	493,589024	529,325513	578,130234	616,688851
4114	333,316989	377,934729	449,195419	493,721747	529,449824	578,236831	616,798633
4115	333,441745	378,071415	449,330923	493,854473	529,574133	578,343421	616,908408
4116	333,566518	378,208117	449,466435	493,987203	529,698441	578,450005	617,018176
4117	333,691307	378,344835	449,601954	494,119936	529,822748	578,556583	617,127937
4118	333,816112	378,48157	449,737482	494,252673	529,947054	578,663154	617,23769
4119	333,940933	378,618321	449,873018	494,385413	530,071359	578,769719	617,347437
4120	334,065771	378,755088	450,008561	494,518156	530,195663	578,876278	617,457176
4121	334,190625	378,891871	450,144112	494,650903	530,319966	578,982831	617,566908
4122	334,315496	379,028671	450,279672	494,783653	530,444268	579,089378	617,676633
4123	334,440383	379,165486	450,415239	494,916407	530,568569	579,195918	617,786351
4124	334,565286	379,302318	450,550814	495,049164	530,692868	579,302452	617,896062
4125	334,690206	379,439166	450,686397	495,181924	530,817167	579,40898	618,005766
4126	334,815142	379,57603	450,821988	495,314688	530,941465	579,515501	618,115462
4127	334,940094	379,712911	450,957587	495,447455	531,065762	579,622017	618,225151
4128	335,065063	379,849807	451,093194	495,580226	531,190058	579,728526	618,334834
4129	335,190048	379,98672	451,228809	495,713	531,314352	579,835028	618,444509
4130	335,315049	380,123649	451,364432	495,845778	531,438646	579,941525	618,554177
4131	335,440067	380,260594	451,500062	495,978559	531,562939	580,048015	618,663838
4132	335,565101	380,397555	451,635701	496,111343	531,68723	580,1545	618,773492
4133	335,690151	380,534532	451,771347	496,244131	531,811521	580,260977	618,883138
4134	335,815218	380,671526	451,907002	496,376922	531,935811	580,367449	618,992778
4135	335,940301	380,808536	452,042664	496,509716	532,060099	580,473915	619,102411

4136	336,0654	380,945562	452,178334	496,642514	532,184387	580,580374	619,212036
4137	336,190515	381,082604	452,314012	496,775315	532,308673	580,686827	619,321654
4138	336,315647	381,219662	452,449698	496,90812	532,432959	580,793274	619,431265
4139	336,440796	381,356736	452,585392	497,040928	532,557243	580,899714	619,54087
4140	336,56596	381,493827	452,721094	497,17374	532,681527	581,006149	619,650467
4141	336,691141	381,630934	452,856803	497,306555	532,805809	581,112577	619,760057
4142	336,816338	381,768056	452,992521	497,439373	532,930091	581,218999	619,869639
4143	336,941552	381,905195	453,128246	497,572195	533,054371	581,325415	619,979215
4144	337,066782	382,042351	453,26398	497,70502	533,17865	581,431824	620,088784
4145	337,192028	382,179522	453,399721	497,837848	533,302929	581,538227	620,198346
4146	337,317291	382,316709	453,53547	497,97068	533,427206	581,644625	620,3079
4147	337,442569	382,453913	453,671227	498,103516	533,551482	581,751015	620,417448
4148	337,567864	382,591133	453,806992	498,236354	533,675758	581,8574	620,526988
4149	337,693176	382,728368	453,942765	498,369196	533,800032	581,963779	620,636521
4150	337,818504	382,86562	454,078546	498,502042	533,924305	582,070151	620,746048
4151	337,943848	383,002889	454,214334	498,634891	534,048577	582,176517	620,855567
4152	338,069208	383,140173	454,350131	498,767743	534,172849	582,282877	620,965079
4153	338,194584	383,277473	454,485935	498,900599	534,297119	582,389231	621,074584
4154	338,319977	383,41479	454,621747	499,033458	534,421388	582,495579	621,184082
4155	338,445387	383,552122	454,757567	499,16632	534,545656	582,60192	621,293573
4156	338,570812	383,689471	454,893395	499,299186	534,669923	582,708255	621,403057
4157	338,696254	383,826836	455,029231	499,432055	534,794189	582,814584	621,512533
4158	338,821712	383,964217	455,165075	499,564928	534,918454	582,920907	621,622003
4159	338,947186	384,101614	455,300926	499,697804	535,042719	583,027224	621,731466
4160	339,072677	384,239027	455,436786	499,830683	535,166982	583,133534	621,840922
4161	339,198184	384,376457	455,572653	499,963566	535,291244	583,239839	621,95037
4162	339,323707	384,513902	455,708529	500,096452	535,415505	583,346137	622,059812
4163	339,449246	384,651364	455,844412	500,229341	535,539765	583,452429	622,169246
4164	339,574802	384,788841	455,980303	500,362234	535,664024	583,558715	622,278674
4165	339,700374	384,926335	456,116201	500,49513	535,788282	583,664994	622,388094
4166	339,825962	385,063845	456,252108	500,62803	535,912539	583,771268	622,497508
4167	339,951567	385,201371	456,388023	500,760933	536,036794	583,877535	622,606914
4168	340,077188	385,338913	456,523945	500,89384	536,161049	583,983796	622,716314
4169	340,202825	385,476471	456,659875	501,026749	536,285303	584,090051	622,825706
4170	340,328478	385,614046	456,795813	501,159663	536,409556	584,1963	622,935091
4171	340,454148	385,751636	456,931759	501,292579	536,533808	584,302543	623,044469
4172	340,579834	385,889243	457,067713	501,425499	536,658059	584,408779	623,153841
4173	340,705536	386,026865	457,203675	501,558422	536,782309	584,51501	623,263205
4174	340,831254	386,164504	457,339644	501,691349	536,906558	584,621234	623,372562
4175	340,956989	386,302158	457,475622	501,824279	537,030805	584,727452	623,481912
4176	341,08274	386,439829	457,611607	501,957212	537,155052	584,833664	623,591256
4177	341,208507	386,577516	457,7476	502,090149	537,279298	584,93987	623,700592
4178	341,33429	386,715219	457,883601	502,223089	537,403543	585,046069	623,809921
4179	341,46009	386,852938	458,01961	502,356033	537,527787	585,152263	623,919243
4180	341,585906	386,990673	458,155627	502,48898	537,652029	585,25845	624,028558
4181	341,711738	387,128425	458,291651	502,62193	537,776271	585,364631	624,137867

4182	341,837587	387,266192	458,427683	502,754884	537,900512	585,470806	624,247168
4183	341,963451	387,403975	458,563723	502,887841	538,024751	585,576975	624,356462
4184	342,089332	387,541775	458,699771	503,020801	538,14899	585,683138	624,465749
4185	342,215229	387,67959	458,835827	503,153765	538,273228	585,789295	624,575029
4186	342,341143	387,817422	458,971891	503,286732	538,397465	585,895445	624,684302
4187	342,467072	387,955269	459,107962	503,419702	538,5217	586,00159	624,793569
4188	342,593018	388,093133	459,244042	503,552676	538,645935	586,107728	624,902828
4189	342,71898	388,231013	459,380129	503,685653	538,770168	586,21386	625,01208
4190	342,844959	388,368909	459,516224	503,818634	538,894401	586,319986	625,121325
4191	342,970953	388,506821	459,652327	503,951618	539,018633	586,426106	625,230563
4192	343,096964	388,644748	459,788437	504,084605	539,142863	586,53222	625,339795
4193	343,222991	388,782692	459,924556	504,217596	539,267093	586,638328	625,449019
4194	343,349034	388,920652	460,060682	504,35059	539,391322	586,74443	625,558236
4195	343,475093	389,058628	460,196816	504,483587	539,515549	586,850525	625,667447
4196	343,601169	389,196621	460,332958	504,616588	539,639776	586,956614	625,77665
4197	343,727261	389,334629	460,469108	504,749592	539,764001	587,062698	625,885846
4198	343,853369	389,472653	460,605265	504,882599	539,888226	587,168775	625,995036
4199	343,979493	389,610693	460,741431	505,01561	540,012449	587,274846	626,104218
4200	344,105634	389,748749	460,877604	505,148624	540,136672	587,380911	626,213394
4201	344,231791	389,886822	461,013785	505,281642	540,260893	587,48697	626,322562
4202	344,357963	390,02491	461,149974	505,414663	540,385114	587,593022	626,431724
4203	344,484153	390,163014	461,28617	505,547687	540,509333	587,699069	626,540879
4204	344,610358	390,301135	461,422375	505,680715	540,633552	587,80511	626,650026
4205	344,736579	390,439271	461,558587	505,813746	540,757769	587,911144	626,759167
4206	344,862817	390,577424	461,694807	505,94678	540,881986	588,017172	626,868301
4207	344,989071	390,715592	461,831035	506,079817	541,006201	588,123195	626,977428
4208	345,115341	390,853777	461,967271	506,212858	541,130416	588,229211	627,086548
4209	345,241628	390,991977	462,103514	506,345903	541,254629	588,335221	627,195661
4210	345,36793	391,130194	462,239765	506,47895	541,378842	588,441225	627,304767
4211	345,494249	391,268426	462,376024	506,612001	541,503053	588,547223	627,413866
4212	345,620584	391,406675	462,512291	506,745056	541,627264	588,653215	627,522958
4213	345,746935	391,544939	462,648566	506,878114	541,751473	588,759201	627,632043
4214	345,873302	391,68322	462,784848	507,011175	541,875682	588,86518	627,741121
4215	345,999686	391,821516	462,921139	507,144239	541,999889	588,971154	627,850192
4216	346,126085	391,959829	463,057437	507,277307	542,124096	589,077121	627,959257
4217	346,252501	392,098158	463,193742	507,410378	542,248301	589,183083	628,068314
4218	346,378933	392,236502	463,330056	507,543452	542,372505	589,289038	628,177365
4219	346,505381	392,374863	463,466377	507,67653	542,496709	589,394988	628,286409
4220	346,631846	392,513239	463,602707	507,809611	542,620911	589,500931	628,395445
4221	346,758326	392,651632	463,739044	507,942696	542,745113	589,606868	628,504475
4222	346,884823	392,790041	463,875388	508,075783	542,869313	589,712799	628,613498
4223	347,011336	392,928465	464,011741	508,208875	542,993513	589,818724	628,722514
4224	347,137865	393,066906	464,148101	508,341969	543,117711	589,924643	628,831523
4225	347,26441	393,205362	464,284469	508,475067	543,241908	590,030556	628,940525
4226	347,390972	393,343835	464,420845	508,608168	543,366105	590,136463	629,04952
4227	347,517549	393,482323	464,557229	508,741273	543,4903	590,242364	629,158508

4228	347,644143	393,620828	464,69362	508,87438	543,614495	590,348259	629,26749
4229	347,770753	393,759348	464,83002	509,007492	543,738688	590,454148	629,376464
4230	347,897379	393,897885	464,966427	509,140606	543,862881	590,56003	629,485432
4231	348,024021	394,036437	465,102841	509,273724	543,987072	590,665907	629,594393
4232	348,150679	394,175006	465,239264	509,406845	544,111262	590,771777	629,703346
4233	348,277354	394,31359	465,375694	509,53997	544,235452	590,877642	629,812293
4234	348,404045	394,452191	465,512132	509,673097	544,35964	590,983501	629,921233
4235	348,530751	394,590807	465,648578	509,806229	544,483828	591,089353	630,030167
4236	348,657474	394,729439	465,785032	509,939363	544,608014	591,195199	630,139093
4237	348,784214	394,868088	465,921493	510,072501	544,732199	591,30104	630,248012
4238	348,910969	395,006752	466,057962	510,205642	544,856384	591,406874	630,356925
4239	349,03774	395,145432	466,194439	510,338787	544,980567	591,512702	630,46583
4240	349,164528	395,284128	466,330924	510,471934	545,10475	591,618525	630,574729
4241	349,291331	395,42284	466,467416	510,605086	545,228931	591,724341	630,683621
4242	349,418151	395,561568	466,603916	510,73824	545,353112	591,830151	630,792506
4243	349,544987	395,700312	466,740424	510,871398	545,477291	591,935955	630,901384
4244	349,671839	395,839072	466,87694	511,004559	545,601469	592,041754	631,010255
4245	349,798708	395,977848	467,013463	511,137723	545,725647	592,147546	631,119119
4246	349,925592	396,11664	467,149994	511,270891	545,849823	592,253332	631,227977
4247	350,052492	396,255448	467,286533	511,404062	545,973999	592,359112	631,336827
4248	350,179409	396,394272	467,42308	511,537237	546,098173	592,464886	631,445671
4249	350,306342	396,533111	467,559634	511,670414	546,222347	592,570654	631,554508
4250	350,433291	396,671967	467,696196	511,803595	546,346519	592,676416	631,663338
4251	350,560256	396,810839	467,832766	511,93678	546,470691	592,782172	631,772161
4252	350,687237	396,949726	467,969344	512,069968	546,594861	592,887922	631,880978
4253	350,814234	397,08863	468,105929	512,203159	546,71903	592,993666	631,989787
4254	350,941247	397,227549	468,242522	512,336353	546,843199	593,099404	632,09859
4255	351,068277	397,366484	468,379123	512,469551	546,967366	593,205136	632,207385
4256	351,195322	397,505436	468,515732	512,602751	547,091533	593,310862	632,316174
4257	351,322384	397,644403	468,652348	512,735956	547,215698	593,416582	632,424956
4258	351,449462	397,783386	468,788972	512,869163	547,339863	593,522297	632,533732
4259	351,576556	397,922385	468,925604	513,002374	547,464026	593,628005	632,6425
4260	351,703666	398,0614	469,062244	513,135588	547,588189	593,733707	632,751262
4261	351,830792	398,200431	469,198891	513,268806	547,71235	593,839403	632,860016
4262	351,957934	398,339478	469,335546	513,402027	547,836511	593,945093	632,968764
4263	352,085092	398,47854	469,472209	513,535251	547,96067	594,050777	633,077505
4264	352,212267	398,617619	469,608879	513,668479	548,084829	594,156455	633,18624
4265	352,339457	398,756713	469,745557	513,801709	548,208987	594,262127	633,294967
4266	352,466664	398,895824	469,882243	513,934943	548,333143	594,367793	633,403687
4267	352,593887	399,03495	470,018937	514,068181	548,457299	594,473453	633,512401
4268	352,721126	399,174092	470,155638	514,201421	548,581453	594,579107	633,621108
4269	352,84838	399,313251	470,292347	514,334665	548,705607	594,684755	633,729808
4270	352,975651	399,452425	470,429064	514,467913	548,829759	594,790397	633,838502
4271	353,102938	399,591615	470,565788	514,601163	548,953911	594,896033	633,947188
4272	353,230242	399,73082	470,702521	514,734417	549,078062	595,001664	634,055868
4273	353,357561	399,870042	470,83926	514,867675	549,202211	595,107288	634,16454

4274	353,484896	400,00928	470,976008	515,000935	549,32636	595,212906	634,273206
4275	353,612248	400,148533	471,112763	515,134199	549,450507	595,318518	634,381866
4276	353,739615	400,287803	471,249526	515,267466	549,574654	595,424125	634,490518
4277	353,866999	400,427088	471,386297	515,400737	549,6988	595,529725	634,599164
4278	353,994398	400,566389	471,523076	515,53401	549,822944	595,635319	634,707803
4279	354,121814	400,705706	471,659862	515,667287	549,947088	595,740908	634,816435
4280	354,249246	400,845039	471,796656	515,800568	550,071231	595,84649	634,92506
4281	354,376694	400,984388	471,933457	515,933851	550,195373	595,952067	635,033678
4282	354,504158	401,123753	472,070266	516,067138	550,319513	596,057637	635,14229
4283	354,631638	401,263133	472,207083	516,200429	550,443653	596,163202	635,250895
4284	354,759134	401,40253	472,343908	516,333722	550,567792	596,268761	635,359493
4285	354,886646	401,541942	472,48074	516,467019	550,691929	596,374313	635,468084
4286	355,014174	401,681371	472,617581	516,600319	550,816066	596,47986	635,576668
4287	355,141718	401,820815	472,754428	516,733623	550,940202	596,585401	635,685246
4288	355,269278	401,960275	472,891284	516,866929	551,064337	596,690935	635,793817
4289	355,396855	402,09975	473,028147	517,000239	551,188471	596,796464	635,902381
4290	355,524447	402,239242	473,165018	517,133553	551,312603	596,901987	636,010938
4291	355,652056	402,37875	473,301896	517,266869	551,436735	597,007504	636,119489
4292	355,77968	402,518273	473,438782	517,400189	551,560866	597,113015	636,228033
4293	355,907321	402,657812	473,575676	517,533512	551,684996	597,21852	636,33657
4294	356,034977	402,797368	473,712578	517,666839	551,809125	597,32402	636,4451
4295	356,16265	402,936938	473,849487	517,800169	551,933253	597,429513	636,553623
4296	356,290339	403,076525	473,986404	517,933502	552,05738	597,535	636,66214
4297	356,418043	403,216128	474,123329	518,066838	552,181506	597,640481	636,77065
4298	356,545764	403,355747	474,260261	518,200178	552,305631	597,745957	636,879153
4299	356,673501	403,495381	474,397201	518,33352	552,429754	597,851426	636,98765
4300	356,801254	403,635031	474,534149	518,466867	552,553877	597,95689	637,096139

Tabla 18. Pesos finales estimados para el modelo 5

ST	Wf_0.025	Wf_0.05	Wf_0.25	Wf_0.5	Wf_0.75	Wf_0.95	Wf_0.975
0	0,00689508	0,01404181	0,15648018	1,68763924	22	43	50
1	0,01642362	0,03185815	0,29504961	2,61040496	27,6445175	52,215702	60,3567265
2	0,02728718	0,05144566	0,42757726	3,36911876	31,5957959	58,4968618	67,3828972
3	0,03911999	0,07227998	0,55632777	4,03771959	34,7372431	63,4065007	72,8586886
4	0,05173006	0,09409342	0,68234063	4,64641971	37,3874818	67,4967467	77,410665
5	0,06499628	0,11672026	0,80621393	5,21128217	39,702297	71,0338302	81,3402219
6	0,07883424	0,14004672	0,92833582	5,74211652	41,7709086	74,1686166	84,8178374
7	0,09318125	0,16398933	1,04897815	6,2454599	43,649742	76,9956964	87,9502388
8	0,10798871	0,18848399	1,16834163	6,72594054	45,3770145	79,5786706	90,8090968
9	0,12321763	0,21347981	1,2865804	7,18698447	46,9799498	81,9625583	93,4450867
10	0,13883598	0,23893525	1,4038164	7,63121626	48,478706	84,1805084	95,895486
11	0,1548169	0,26481574	1,52014844	8,06070187	49,8886747	86,2577048	98,1885906
12	0,1711375	0,29109202	1,63565816	8,47710394	51,2219053	88,2137734	100,346434
13	0,187778	0,31773896	1,75041413	8,88178529	52,4880279	90,0643344	102,38654
14	0,20472114	0,34473472	1,86447467	9,27588041	53,6948748	91,8220432	104,323098
15	0,22195166	0,37206012	1,97789003	9,66034628	54,8489117	93,4973101	106,16777
16	0,23945602	0,39969819	2,0907039	10,0359995	55,9555454	95,0988119	107,930274
17	0,25722206	0,42763379	2,20295463	10,4035436	57,0193487	96,6338639	109,618796
18	0,27523882	0,45585331	2,31467611	10,7635907	58,0442275	98,1086963	111,240307
19	0,29349635	0,48434446	2,42589853	11,1166767	59,0335475	99,5286632	112,800791
20	0,3119856	0,51309607	2,53664893	11,4632748	59,990232	100,898403	114,305432
21	0,33069825	0,54209794	2,64695166	11,8038051	60,916838	102,221961	115,758752
22	0,34962665	0,57134071	2,75682879	12,1386427	61,8156166	103,502894	117,164719
23	0,36876376	0,60081579	2,86630035	12,4681245	62,6885609	104,74434	118,526838
24	0,38810302	0,6305152	2,97538467	12,792554	63,5374454	105,949089	119,848221
25	0,40763835	0,6604316	3,08409853	13,1122064	64,3638571	107,11963	121,131645
26	0,4273641	0,69055811	3,19245738	13,427332	65,1692223	108,258197	122,379601
27	0,44727495	0,72088836	3,30047547	13,7381591	65,9548276	109,366801	123,594328
28	0,46736593	0,75141635	3,40816598	14,0448967	66,7218384	110,447259	124,777853
29	0,48763238	0,78213651	3,51554116	14,3477371	67,471314	111,50122	125,932013
30	0,50806991	0,81304356	3,6226124	14,6468573	68,2042203	112,530185	127,058481
31	0,52867437	0,84413256	3,72939033	14,9424208	68,9214409	113,535527	128,158781
32	0,54944183	0,87539885	3,83588489	15,2345793	69,6237864	114,518501	129,234314
33	0,5703686	0,90683802	3,94210538	15,5234733	70,3120025	115,480261	130,286361
34	0,59145115	0,93844588	4,04806054	15,8092338	70,9867767	116,421868	131,316104
35	0,61268614	0,9702185	4,15375859	16,0919829	71,6487447	117,344303	132,324634
36	0,6340704	1,00215211	4,25920727	16,3718348	72,2984955	118,248473	133,31296
37	0,65560089	1,03424315	4,36441389	16,6488961	72,9365756	119,13522	134,282015
38	0,67727473	1,06648822	4,46938535	16,9232672	73,5634939	120,005323	135,232669
39	0,69908915	1,09888407	4,57412818	17,1950422	74,1797244	120,859512	136,16573
40	0,72104153	1,13142762	4,6786486	17,4643096	74,7857099	121,698464	137,08195
41	0,74312933	1,16411592	4,78295246	17,7311529	75,3818645	122,522812	137,982034

42	0,76535014	1,19694613	4,88704538	17,9956509	75,9685761	123,33315	138,866641
43	0,78770163	1,22991555	4,99093266	18,257878	76,5462089	124,130034	139,736387
44	0,81018158	1,26302159	5,09461937	18,5179047	77,1151049	124,913985	140,591851
45	0,83278786	1,29626176	5,19811035	18,7757978	77,6755861	125,685494	141,433578
46	0,85551838	1,32963366	5,3014102	19,0316206	78,2279561	126,445022	142,26208
47	0,87837119	1,36313501	5,40452334	19,2854332	78,7725009	127,193005	143,077839
48	0,90134435	1,39676358	5,50745398	19,5372928	79,3094912	127,929853	143,881311
49	0,92443604	1,43051726	5,61020616	19,787254	79,8391828	128,655954	144,672926
50	0,94764448	1,46439398	5,71278376	20,0353684	80,3618179	129,371676	145,453091
51	0,97096794	1,49839178	5,81519048	20,2816857	80,8776262	130,077365	146,222192
52	0,99440478	1,53250874	5,91742988	20,5262529	81,3868255	130,773351	146,980593
53	1,01795338	1,56674302	6,0195054	20,7691153	81,889623	131,459948	147,728642
54	1,04161219	1,60109284	6,12142031	21,0103159	82,3862155	132,137452	148,466667
55	1,06537972	1,63555649	6,22317779	21,249896	82,8767903	132,806146	149,194981
56	1,0892545	1,67013228	6,32478089	21,4878952	83,3615258	133,466299	149,913883
57	1,11323513	1,70481862	6,42623253	21,7243514	83,8405922	134,118166	150,623655
58	1,13732024	1,73961394	6,52753556	21,9593009	84,314152	134,761992	151,324569
59	1,16150849	1,77451672	6,62869271	22,1927786	84,78236	135,39801	152,016882
60	1,18579862	1,8095255	6,7297066	22,424818	85,2453645	136,026443	152,70084
61	1,21018935	1,84463885	6,8305798	22,6554514	85,7033073	136,647503	153,376679
62	1,23467948	1,8798554	6,93131475	22,8847098	86,156324	137,261393	154,044624
63	1,25926782	1,9151738	7,03191383	23,1126229	86,6045445	137,868308	154,70489
64	1,28395322	1,95059275	7,13237936	23,3392196	87,0480934	138,468435	155,357684
65	1,30873457	1,98611097	7,23271356	23,5645274	87,4870901	139,061952	156,003202
66	1,33361077	2,02172724	7,33291858	23,7885732	87,9216493	139,64903	156,641635
67	1,35858076	2,05744036	7,43299652	24,0113826	88,3518811	140,229835	157,273165
68	1,38364351	2,09324916	7,5329494	24,2329805	88,7778912	140,804522	157,897965
69	1,40879802	2,12915251	7,63277919	24,453391	89,1997814	141,373246	158,516203
70	1,4340433	2,1651493	7,73248779	24,6726371	89,6176496	141,93615	159,128042
71	1,45937839	2,20123844	7,83207706	24,8907414	90,0315899	142,493376	159,733635
72	1,48480235	2,2374189	7,9315488	25,1077255	90,4416931	143,045058	160,333132
73	1,51031429	2,27368964	8,03090475	25,3236103	90,8480465	143,591327	160,926677
74	1,53591329	2,31004967	8,1301466	25,5384163	91,2507345	144,132307	161,514407
75	1,56159851	2,34649801	8,22927601	25,7521631	91,6498383	144,668119	162,096457
76	1,58736908	2,38303371	8,32829458	25,9648696	92,0454363	145,19888	162,672955
77	1,61322417	2,41965584	8,42720387	26,1765545	92,4376043	145,724702	163,244024
78	1,63916298	2,45636349	8,5260054	26,3872356	92,8264155	146,245694	163,809785
79	1,66518471	2,49315578	8,62470065	26,5969303	93,2119405	146,761959	164,370354
80	1,69128858	2,53003184	8,72329107	26,8056555	93,5942476	147,2736	164,925841
81	1,71747383	2,56699081	8,82177805	27,0134275	93,9734031	147,780714	165,476355
82	1,74373973	2,60403189	8,92016296	27,2202622	94,3494707	148,283395	166,022001
83	1,77008553	2,64115424	9,01844714	27,4261751	94,7225124	148,781736	166,562878
84	1,79651054	2,67835709	9,11663189	27,6311812	95,0925881	149,275824	167,099086
85	1,82301405	2,71563966	9,21471848	27,835295	95,459756	149,765745	167,630718
86	1,84959537	2,75300118	9,31270813	28,0385308	95,8240722	150,251582	168,157865
87	1,87625385	2,79044091	9,41060208	28,2409024	96,1855914	150,733416	168,680618

88	1,90298882	2,82795813	9,50840148	28,4424232	96,5443664	151,211324	169,199061
89	1,92979963	2,86555212	9,60610749	28,6431063	96,9004485	151,685382	169,713278
90	1,95668566	2,90322219	9,70372125	28,8429644	97,2538875	152,155664	170,223351
91	1,98364629	2,94096764	9,80124385	29,0420099	97,6047318	152,62224	170,729356
92	2,01068091	2,97878782	9,89867635	29,2402549	97,9530284	153,085179	171,231371
93	2,03778893	3,01668205	9,99601983	29,4377112	98,2988228	153,544549	171,729469
94	2,06496975	3,0546497	10,0932753	29,6343902	98,6421592	154,000414	172,223722
95	2,09222281	3,09269014	10,1904438	29,8303032	98,9830809	154,452838	172,7142
96	2,11954755	3,13080273	10,2875262	30,0254611	99,3216297	154,901883	173,20097
97	2,1469434	3,16898688	10,3845236	30,2198745	99,6578463	155,347607	173,684099
98	2,17440983	3,20724198	10,4814368	30,4135537	99,9917703	155,790069	174,163649
99	2,2019463	3,24556745	10,5782669	30,6065091	100,32344	156,229325	174,639685
100	2,22955228	3,28396271	10,6750147	30,7987504	100,652894	156,66543	175,112265
101	2,25722727	3,32242719	10,771681	30,9902873	100,980167	157,098439	175,581449
102	2,28497076	3,36096035	10,8682669	31,1811293	101,305297	157,528402	176,047294
103	2,31278224	3,39956163	10,964773	31,3712857	101,628316	157,95537	176,509857
104	2,34066123	3,4382305	11,0612002	31,5607653	101,94926	158,379393	176,969191
105	2,36860725	3,47696642	11,1575494	31,7495772	102,26816	158,80052	177,425349
106	2,39661981	3,5157689	11,2538214	31,9377298	102,58505	159,218796	177,878384
107	2,42469847	3,5546374	11,3500169	32,1252316	102,89996	159,634267	178,328344
108	2,45284276	3,59357144	11,4461367	32,3120908	103,212921	160,046978	178,775281
109	2,48105222	3,63257052	11,5421815	32,4983156	103,523963	160,456973	179,21924
110	2,50932642	3,67163415	11,6381521	32,6839138	103,833114	160,864293	179,660269
111	2,53766492	3,71076187	11,7340493	32,8688931	104,140404	161,26898	180,098413
112	2,56606728	3,74995319	11,8298737	33,0532612	104,445859	161,671075	180,533717
113	2,59453309	3,78920767	11,925626	33,2370253	104,749507	162,070616	180,966224
114	2,62306193	3,82852485	12,0213069	33,4201928	105,051375	162,467642	181,395977
115	2,65165338	3,86790427	12,1169171	33,6027707	105,351487	162,86219	181,823015
116	2,68030705	3,90734551	12,2124572	33,7847661	105,64987	163,254298	182,247381
117	2,70902254	3,94684813	12,307928	33,9661857	105,946548	163,644001	182,669112
118	2,73779945	3,9864117	12,40333	34,1470361	106,241544	164,031333	183,088249
119	2,76663739	4,0260358	12,4986638	34,3273241	106,534883	164,416329	183,504827
120	2,79553599	4,06572002	12,5939301	34,5070558	106,826588	164,799023	183,918885
121	2,82449487	4,10546396	12,6891295	34,6862378	107,116681	165,179447	184,330457
122	2,85351367	4,14526722	12,7842626	34,864876	107,405183	165,557633	184,739579
123	2,88259201	4,18512939	12,8793299	35,0429767	107,692117	165,933611	185,146286
124	2,91172953	4,22505009	12,9743321	35,2205456	107,977504	166,307414	185,55061
125	2,94092589	4,26502894	13,0692697	35,3975887	108,261364	166,67907	185,952585
126	2,97018073	4,30506555	13,1641432	35,5741116	108,543717	167,048608	186,352243
127	2,99949371	4,34515956	13,2589533	35,7501199	108,824584	167,416058	186,749615
128	3,02886449	4,3853106	13,3537004	35,9256193	109,103983	167,781447	187,144732
129	3,05829273	4,42551831	13,448385	36,1006149	109,381934	168,144803	187,537625
130	3,0877781	4,46578233	13,5430078	36,2751122	109,658454	168,506153	187,928322
131	3,11732028	4,5061023	13,6375691	36,4491164	109,933563	168,865522	188,316852
132	3,14691894	4,54647789	13,7320696	36,6226325	110,207278	169,222937	188,703245
133	3,17657377	4,58690875	13,8265097	36,7956657	110,479617	169,578422	189,087527

134	3,20628444	4,62739454	13,9208899	36,9682208	110,750596	169,932003	189,469725
135	3,23605066	4,66793492	14,0152106	37,1403026	111,020233	170,283703	189,849868
136	3,26587211	4,70852958	14,1094724	37,311916	111,288543	170,633547	190,227979
137	3,2957485	4,74917818	14,2036758	37,4830656	111,555544	170,981558	190,604085
138	3,32567953	4,7898804	14,2978211	37,6537561	111,82125	171,327757	190,978212
139	3,35566489	4,83063594	14,3919088	37,8239919	112,085678	171,672169	191,350383
140	3,38570431	4,87144447	14,4859394	37,9937775	112,348842	172,014814	191,720622
141	3,41579749	4,9123057	14,5799133	38,1631172	112,610758	172,355714	192,088954
142	3,44594416	4,95321931	14,673831	38,3320154	112,87144	172,69489	192,455401
143	3,47614402	4,994185	14,7676929	38,5004763	113,130903	173,032364	192,819986
144	3,50639681	5,03520249	14,8614993	38,668504	113,38916	173,368154	193,182732
145	3,53670225	5,07627147	14,9552508	38,8361027	113,646226	173,702282	193,54366
146	3,56706007	5,11739167	15,0489477	39,0032763	113,902114	174,034766	193,902792
147	3,59747001	5,15856279	15,1425904	39,1700289	114,156837	174,365626	194,260148
148	3,6279318	5,19978455	15,2361793	39,3363643	114,410409	174,69488	194,61575
149	3,65844517	5,24105667	15,3297148	39,5022863	114,662842	175,022548	194,969618
150	3,68900989	5,28237888	15,4231974	39,6677987	114,91415	175,348647	195,321772
151	3,71962568	5,32375092	15,5166273	39,8329052	115,164344	175,673195	195,672231
152	3,75029229	5,3651725	15,6100049	39,9976096	115,413436	175,99621	196,021014
153	3,78100949	5,40664336	15,7033307	40,1619153	115,66144	176,317708	196,368141
154	3,81177702	5,44816325	15,796605	40,325826	115,908366	176,637707	196,71363
155	3,84259464	5,4897319	15,8898281	40,4893451	116,154226	176,956224	197,057499
156	3,8734621	5,53134906	15,9830005	40,652476	116,399032	177,273274	197,399766
157	3,90437918	5,57301448	16,0761224	40,8152222	116,642794	177,588874	197,740448
158	3,93534564	5,6147279	16,1691941	40,9775869	116,885524	177,903039	198,079564
159	3,96636124	5,65648907	16,2622162	41,1395735	117,127233	178,215784	198,41713
160	3,99742575	5,69829776	16,3551888	41,3011852	117,367931	178,527126	198,753162
161	4,02853895	5,74015372	16,4481123	41,4624252	117,607628	178,837079	199,087678
162	4,05970062	5,78205672	16,5409871	41,6232966	117,846335	179,145658	199,420692
163	4,09091052	5,82400651	16,6338135	41,7838026	118,084063	179,452877	199,752222
164	4,12216844	5,86600287	16,7265917	41,9439461	118,320821	179,758751	200,082283
165	4,15347416	5,90804555	16,8193221	42,1037302	118,556618	180,063293	200,41089
166	4,18482747	5,95013434	16,9120051	42,2631578	118,791465	180,366517	200,738058
167	4,21622815	5,99226901	17,0046409	42,4222319	119,025371	180,668437	201,063802
168	4,247676	6,03444933	17,0972298	42,5809554	119,258345	180,969065	201,388136
169	4,2791708	6,07667509	17,1897721	42,739331	119,490396	181,268417	201,711076
170	4,31071234	6,11894606	17,2822682	42,8973616	119,721534	181,566503	202,032635
171	4,34230042	6,16126203	17,3747183	43,05505	119,951768	181,863337	202,352827
172	4,37393485	6,20362278	17,4671227	43,2123989	120,181106	182,158931	202,671666
173	4,40561541	6,24602811	17,5594817	43,3694109	120,409556	182,453298	202,989166
174	4,43734191	6,28847779	17,6517955	43,5260888	120,637128	182,74645	203,305339
175	4,46911415	6,33097163	17,7440646	43,682435	120,86383	183,038398	203,620198
176	4,50093195	6,37350942	17,8362891	43,8384523	121,08967	183,329154	203,933758
177	4,5327951	6,41609096	17,9284692	43,9941432	121,314656	183,618731	204,246029
178	4,56470342	6,45871604	18,0206054	44,1495101	121,538796	183,907138	204,557025
179	4,59665671	6,50138447	18,1126978	44,3045556	121,762097	184,194388	204,866759

180	4,62865479	6,54409605	18,2047467	44,459282	121,984569	184,480492	205,175241
181	4,66069748	6,58685058	18,2967524	44,6136919	122,206218	184,76546	205,482484
182	4,69278459	6,62964787	18,3887152	44,7677875	122,427052	185,049303	205,7885
183	4,72491594	6,67248773	18,4806352	44,9215713	122,647078	185,332032	206,093301
184	4,75709135	6,71536997	18,5725127	45,0750455	122,866304	185,613657	206,396897
185	4,78931064	6,7582944	18,664348	45,2282125	123,084737	185,894188	206,6993
186	4,82157364	6,80126084	18,7561414	45,3810745	123,302383	186,173636	207,000522
187	4,85388016	6,8442691	18,847893	45,5336337	123,519251	186,45201	207,300572
188	4,88623004	6,88731901	18,9396032	45,6858924	123,735347	186,72932	207,599462
189	4,91862311	6,93041037	19,0312721	45,8378527	123,950677	187,005575	207,897202
190	4,95105919	6,97354301	19,1229	45,9895168	124,165249	187,280786	208,193803
191	4,98353812	7,01671677	19,2144871	46,1408869	124,379069	187,554962	208,489274
192	5,01605973	7,05993145	19,3060336	46,2919649	124,592143	187,828112	208,783627
193	5,04862385	7,10318688	19,3975399	46,4427529	124,804479	188,100245	209,076872
194	5,08123032	7,1464829	19,489006	46,5932531	125,016082	188,37137	209,369017
195	5,11387898	7,18981934	19,5804323	46,7434675	125,226958	188,641496	209,660073
196	5,14656967	7,23319602	19,6718189	46,8933979	125,437114	188,910632	209,950049
197	5,17930222	7,27661278	19,7631661	47,0430465	125,646557	189,178786	210,238955
198	5,21207648	7,32006945	19,8544741	47,1924151	125,855291	189,445967	210,5268
199	5,24489229	7,36356586	19,9457431	47,3415058	126,063323	189,712183	210,813593
200	5,2777495	7,40710187	20,0369732	47,4903203	126,270659	189,977442	211,099344
201	5,31064795	7,4506773	20,1281648	47,6388606	126,477304	190,241754	211,384061
202	5,34358749	7,49429199	20,2193181	47,7871285	126,683264	190,505125	211,667754
203	5,37656797	7,53794579	20,3104331	47,9351259	126,888546	190,767564	211,95043
204	5,40958923	7,58163854	20,4015102	48,0828546	127,093153	191,029078	212,232098
205	5,44265114	7,62537008	20,4925495	48,2303163	127,297093	191,289676	212,512768
206	5,47575353	7,66914026	20,5835513	48,3775129	127,50037	191,549365	212,792447
207	5,50889627	7,71294893	20,6745156	48,5244461	127,702989	191,808152	213,071143
208	5,54207921	7,75679594	20,7654429	48,6711177	127,904956	192,066045	213,348865
209	5,57530221	7,80068113	20,8563331	48,8175293	128,106277	192,323051	213,625621
210	5,60856511	7,84460435	20,9471865	48,9636827	128,306955	192,579178	213,901418
211	5,64186779	7,88856547	21,0380033	49,1095795	128,506997	192,834433	214,176265
212	5,6752101	7,93256433	21,1287838	49,2552214	128,706408	193,088822	214,45017
213	5,7085919	7,97660078	21,2195279	49,40061	128,905191	193,342353	214,723139
214	5,74201306	8,02067469	21,3102361	49,5457469	129,103353	193,595033	214,995181
215	5,77547343	8,06478592	21,4009084	49,6906339	129,300897	193,846868	215,266302
216	5,80897288	8,10893431	21,491545	49,8352723	129,49783	194,097865	215,536511
217	5,84251128	8,15311973	21,582146	49,9796638	129,694154	194,348031	215,805814
218	5,87608849	8,19734204	21,6727118	50,12381	129,889876	194,597372	216,074219
219	5,90970438	8,24160111	21,7632424	50,2677124	130,085	194,845895	216,341733
220	5,94335882	8,28589679	21,853738	50,4113725	130,279529	195,093606	216,608362
221	5,97705168	8,33022895	21,9441989	50,5547918	130,47347	195,340511	216,874114
222	6,01078282	8,37459746	22,034625	50,6979718	130,666825	195,586617	217,138996
223	6,04455212	8,41900218	22,1250167	50,840914	130,8596	195,83193	217,403014
224	6,07835946	8,46344298	22,2153741	50,9836197	131,051799	196,076456	217,666174
225	6,1122047	8,50791974	22,3056974	51,1260906	131,243426	196,320201	217,928484

226	6,14608772	8,55243231	22,3959867	51,2683279	131,434485	196,563171	218,18995
227	6,1800084	8,59698057	22,4862422	51,4103331	131,624981	196,805371	218,450578
228	6,21396661	8,64156439	22,576464	51,5521075	131,814918	197,046808	218,710375
229	6,24796223	8,68618364	22,6666524	51,6936527	132,004299	197,287487	218,969347
230	6,28199514	8,73083821	22,7568074	51,8349699	132,193128	197,527415	219,2275
231	6,31606521	8,77552796	22,8469292	51,9760604	132,381411	197,766595	219,48484
232	6,35017233	8,82025277	22,937018	52,1169257	132,56915	198,005035	219,741374
233	6,38431638	8,86501251	23,0270739	52,257567	132,756349	198,242739	219,997106
234	6,41849724	8,90980707	23,1170972	52,3979857	132,943013	198,479713	220,252044
235	6,45271479	8,95463632	23,2070878	52,538183	133,129145	198,715962	220,506193
236	6,48696892	8,99950015	23,2970461	52,6781603	133,314749	198,951491	220,759559
237	6,52125951	9,04439842	23,3869721	52,8179187	133,499829	199,186307	221,012147
238	6,55558644	9,08933104	23,4768659	52,9574596	133,684388	199,420413	221,263963
239	6,58994961	9,13429786	23,5667278	53,0967843	133,86843	199,653815	221,515013
240	6,6243489	9,17929879	23,6565579	53,2358939	134,051958	199,886518	221,765302
241	6,65878419	9,22433371	23,7463562	53,3747896	134,234976	200,118527	222,014836
242	6,69325538	9,26940249	23,8361231	53,5134728	134,417489	200,349847	222,26362
243	6,72776236	9,31450503	23,9258585	53,6519445	134,599498	200,580483	222,511659
244	6,76230501	9,35964121	24,0155627	53,790206	134,781007	200,810439	222,758959
245	6,79688323	9,40481093	24,1052357	53,9282584	134,962021	201,039721	223,005525
246	6,83149691	9,45001406	24,1948777	54,0661029	135,142542	201,268333	223,251362
247	6,86614593	9,4952505	24,2844889	54,2037407	135,322574	201,496279	223,496474
248	6,90083021	9,54052013	24,3740694	54,3411729	135,502119	201,723565	223,740868
249	6,93554962	9,58582286	24,4636193	54,4784006	135,681182	201,950194	223,984548
250	6,97030407	9,63115856	24,5531388	54,615425	135,859765	202,176172	224,227519
251	7,00509344	9,67652714	24,6426279	54,7522471	136,037871	202,401503	224,469786
252	7,03991764	9,72192849	24,7320869	54,8888681	136,215505	202,626191	224,711354
253	7,07477656	9,76736249	24,8215157	55,0252891	136,392668	202,850241	224,952227
254	7,1096701	9,81282905	24,9109147	55,161511	136,569364	203,073656	225,19241
255	7,14459817	9,85832806	25,0002839	55,2975351	136,745596	203,296442	225,431909
256	7,17956064	9,90385942	25,0896233	55,4333623	136,921367	203,518602	225,670726
257	7,21455744	9,94942302	25,1789333	55,5689937	137,09668	203,740141	225,908868
258	7,24958845	9,99501876	25,2682138	55,7044304	137,271539	203,961062	226,146339
259	7,28465359	10,0406465	25,357465	55,8396733	137,445945	204,181371	226,383142
260	7,31975274	10,0863063	25,446687	55,9747236	137,619901	204,40107	226,619283
261	7,35488582	10,1319978	25,5358799	56,1095821	137,793412	204,620164	226,854766
262	7,39005272	10,1777211	25,6250439	56,24425	137,966479	204,838657	227,089595
263	7,42525335	10,2234761	25,7141791	56,3787281	138,139105	205,056553	227,323775
264	7,46048762	10,2692626	25,8032856	56,5130176	138,311294	205,273855	227,557309
265	7,49575543	10,3150805	25,8923635	56,6471193	138,483047	205,490568	227,790203
266	7,53105668	10,3609298	25,981413	56,7810342	138,654368	205,706695	228,022459
267	7,56639129	10,4068103	26,0704341	56,9147633	138,825259	205,922241	228,254083
268	7,60175915	10,452722	26,1594269	57,0483075	138,995724	206,137208	228,485078
269	7,63716018	10,4986647	26,2483916	57,1816679	139,165763	206,3516	228,715448
270	7,67259428	10,5446384	26,3373284	57,3148452	139,335382	206,565422	228,945198
271	7,70806137	10,590643	26,4262372	57,4478405	139,50458	206,778677	229,174331

272	7,74356134	10,6366784	26,5151182	57,5806546	139,673363	206,991368	229,402851
273	7,77909412	10,6827445	26,6039716	57,7132885	139,841731	207,203499	229,630762
274	7,81465961	10,7288411	26,6927974	57,845743	140,009688	207,415073	229,858068
275	7,85025773	10,7749683	26,7815957	57,9780191	140,177236	207,626094	230,084773
276	7,88588838	10,8211259	26,8703667	58,1101176	140,344377	207,836566	230,31088
277	7,92155147	10,8673138	26,9591104	58,2420395	140,511114	208,046491	230,536394
278	7,95724693	10,9135319	27,047827	58,3737855	140,67745	208,255873	230,761317
279	7,99297466	10,9597802	27,1365166	58,5053567	140,843386	208,464716	230,985654
280	8,02873457	11,0060586	27,2251792	58,6367537	141,008925	208,673023	231,209408
281	8,06452659	11,0523669	27,313815	58,7679774	141,17407	208,880797	231,432583
282	8,10035062	11,0987051	27,4024241	58,8990288	141,338823	209,088041	231,655182
283	8,13620659	11,1450731	27,4910066	59,0299086	141,503185	209,294758	231,877209
284	8,1720944	11,1914709	27,5795626	59,1606176	141,667161	209,500952	232,098667
285	8,20801397	11,2378982	27,6680921	59,2911568	141,83075	209,706626	232,31956
286	8,24396522	11,2843551	27,7565954	59,4215268	141,993957	209,911783	232,539891
287	8,27994808	11,3308415	27,8450724	59,5517286	142,156783	210,116426	232,759664
288	8,31596244	11,3773572	27,9335233	59,6817628	142,31923	210,320559	232,978881
289	8,35200824	11,4239022	28,0219482	59,8116303	142,481301	210,524183	233,197546
290	8,3880854	11,4704765	28,1103472	59,941332	142,642997	210,727303	233,415663
291	8,42419382	11,5170798	28,1987203	60,0708685	142,804322	210,92992	233,633235
292	8,46033344	11,5637122	28,2870677	60,2002406	142,965276	211,132039	233,850265
293	8,49650417	11,6103736	28,3753895	60,3294491	143,125862	211,333662	234,066755
294	8,53270594	11,6570639	28,4636858	60,4584948	143,286083	211,534792	234,28271
295	8,56893866	11,7037829	28,5519566	60,5873785	143,44594	211,735431	234,498133
296	8,60520225	11,7505307	28,640202	60,7161008	143,605435	211,935584	234,713026
297	8,64149664	11,7973071	28,7284222	60,8446625	143,76457	212,135251	234,927392
298	8,67782176	11,8441121	28,8166172	60,9730644	143,923348	212,334437	235,141235
299	8,71417752	11,8909456	28,9047872	61,1013072	144,08177	212,533144	235,354558
300	8,75056385	11,9378075	28,9929321	61,2293916	144,239839	212,731375	235,567364
301	8,78698066	11,9846977	29,0810522	61,3573183	144,397555	212,929133	235,779655
302	8,8234279	12,0316162	29,1691475	61,4850881	144,554922	213,126419	235,991435
303	8,85990548	12,0785629	29,257218	61,6127017	144,711941	213,323237	236,202706
304	8,89641332	12,1255377	29,3452639	61,7401597	144,868615	213,51959	236,413472
305	8,93295136	12,1725405	29,4332853	61,8674629	145,024944	213,71548	236,623735
306	8,96951951	12,2195712	29,5212822	61,994612	145,180931	213,91091	236,833497
307	9,00611771	12,2666299	29,6092548	62,1216076	145,336577	214,105882	237,042763
308	9,04274588	12,3137163	29,6972031	62,2484504	145,491885	214,300398	237,251535
309	9,07940395	12,3608305	29,7851272	62,3751411	145,646857	214,494462	237,459815
310	9,11609185	12,4079723	29,8730271	62,5016804	145,801493	214,688077	237,667606
311	9,15280951	12,4551417	29,9609031	62,628069	145,955797	214,881243	237,874911
312	9,18955685	12,5023386	30,0487551	62,7543075	146,109769	215,073964	238,081732
313	9,2263338	12,549563	30,1365832	62,8803965	146,263412	215,266243	238,288073
314	9,26314029	12,5968147	30,2243876	63,0063368	146,416727	215,458081	238,493936
315	9,29997626	12,6440938	30,3121682	63,1321289	146,569716	215,649481	238,699323
316	9,33684163	12,6914001	30,3999253	63,2577735	146,722381	215,840446	238,904237
317	9,37373634	12,7387335	30,4876588	63,3832713	146,874724	216,030978	239,108681

318	9,41066031	12,786094	30,5753689	63,5086228	147,026745	216,221079	239,312658
319	9,44761347	12,8334815	30,6630556	63,6338288	147,178447	216,410751	239,516169
320	9,48459576	12,880896	30,7507189	63,7588897	147,329832	216,599997	239,719217
321	9,52160712	12,9283374	30,8383591	63,8838064	147,480901	216,788819	239,921805
322	9,55864746	12,9758055	30,9259762	64,0085792	147,631655	216,97722	240,123935
323	9,59571673	13,0233005	31,0135701	64,133209	147,782097	217,165201	240,32561
324	9,63281486	13,0708221	31,1011411	64,2576962	147,932228	217,352765	240,526832
325	9,66994178	13,1183703	31,1886892	64,3820415	148,082049	217,539914	240,727604
326	9,70709742	13,165945	31,2762145	64,5062455	148,231563	217,72665	240,927927
327	9,74428173	13,2135462	31,363717	64,6303087	148,38077	217,912976	241,127805
328	9,78149463	13,2611739	31,4511968	64,7542318	148,529673	218,098893	241,327239
329	9,81873605	13,3088279	31,538654	64,8780154	148,678272	218,284404	241,526233
330	9,85600595	13,3565081	31,6260887	65,0016599	148,82657	218,46951	241,724787
331	9,89330424	13,4042146	31,713501	65,125166	148,974568	218,654214	241,922905
332	9,93063088	13,4519472	31,8008908	65,2485343	149,122267	218,838519	242,120589
333	9,96798578	13,4997059	31,8882584	65,3717654	149,269669	219,022425	242,317841
334	10,0053689	13,5474907	31,9756037	65,4948597	149,416776	219,205936	242,514663
335	10,0427802	13,5953014	32,0629268	65,6178178	149,563588	219,389052	242,711058
336	10,0802195	13,643138	32,1502279	65,7406404	149,710108	219,571777	242,907027
337	10,1176869	13,6910004	32,2375069	65,8633279	149,856336	219,754111	243,102573
338	10,1551822	13,7388886	32,3247639	65,985881	150,002275	219,936058	243,297699
339	10,1927054	13,7868025	32,4119991	66,1083001	150,147925	220,117619	243,492405
340	10,2302565	13,834742	32,4992125	66,2305857	150,293288	220,298796	243,686695
341	10,2678353	13,8827071	32,5864042	66,3527385	150,438366	220,479591	243,88057
342	10,3054419	13,9306978	32,6735741	66,474759	150,58316	220,660005	244,074033
343	10,3430761	13,9787139	32,7607225	66,5966476	150,72767	220,840042	244,267085
344	10,3807379	14,0267554	32,8478493	66,718405	150,8719	221,019702	244,459729
345	10,4184272	14,0748223	32,9349546	66,8400315	151,015849	221,198987	244,651967
346	10,456144	14,1229144	33,0220386	66,9615279	151,15952	221,3779	244,8438
347	10,4938882	14,1710318	33,1091012	67,0828944	151,302913	221,556443	245,035231
348	10,5316598	14,2191743	33,1961426	67,2041318	151,446031	221,734616	245,226262
349	10,5694587	14,2673419	33,2831627	67,3252404	151,588873	221,912422	245,416894
350	10,6072848	14,3155346	33,3701617	67,4462209	151,731442	222,089863	245,607131
351	10,6451381	14,3637522	33,4571396	67,5670736	151,87374	222,26694	245,796972
352	10,6830185	14,4119948	33,5440966	67,6877991	152,015766	222,443656	245,986422
353	10,720926	14,4602623	33,6310326	67,8083979	152,157523	222,620011	246,175481
354	10,7588605	14,5085545	33,7179477	67,9288704	152,299011	222,796008	246,364151
355	10,7968219	14,5568715	33,804842	68,0492172	152,440233	222,971649	246,552434
356	10,8348103	14,6052133	33,8917155	68,1694387	152,581189	223,146935	246,740333
357	10,8728255	14,6535796	33,9785684	68,2895355	152,72188	223,321868	246,927849
358	10,9108674	14,7019706	34,0654006	68,4095079	152,862308	223,496449	247,114983
359	10,9489361	14,750386	34,1522123	68,5293565	153,002474	223,670681	247,301738
360	10,9870315	14,798826	34,2390035	68,6490818	153,14238	223,844565	247,488116
361	11,0251535	14,8472904	34,3257742	68,7686842	153,282025	224,018102	247,674118
362	11,063302	14,8957791	34,4125246	68,8881641	153,421412	224,191295	247,859746
363	11,1014771	14,9442921	34,4992546	69,0075221	153,560542	224,364144	248,045002

364	11,1396786	14,9928294	34,5859644	69,1267585	153,699416	224,536652	248,229888
365	11,1779065	15,0413909	34,672654	69,245874	153,838035	224,70882	248,414405
366	11,2161607	15,0899766	34,7593234	69,3648688	153,976401	224,88065	248,598555
367	11,2544412	15,1385863	34,8459728	69,4837435	154,114514	225,052143	248,78234
368	11,292748	15,1872201	34,9326022	69,6024985	154,252375	225,223301	248,965761
369	11,331081	15,2358778	35,0192116	69,7211342	154,389986	225,394125	249,148821
370	11,36944	15,2845595	35,1058011	69,8396511	154,527348	225,564618	249,331521
371	11,4078252	15,3332651	35,1923707	69,9580497	154,664462	225,73478	249,513863
372	11,4462364	15,3819945	35,2789206	70,0763303	154,801329	225,904612	249,695847
373	11,4846736	15,4307476	35,3654508	70,1944934	154,93795	226,074118	249,877477
374	11,5231366	15,4795245	35,4519612	70,3125395	155,074326	226,243297	250,058754
375	11,5616256	15,5283251	35,5384521	70,4304689	155,210459	226,412153	250,239678
376	11,6001404	15,5771492	35,6249234	70,548282	155,346349	226,580685	250,420253
377	11,6386809	15,625997	35,7113752	70,6659794	155,481998	226,748895	250,600478
378	11,6772472	15,6748682	35,7978076	70,7835614	155,617407	226,916786	250,780357
379	11,7158391	15,723763	35,8842206	70,9010284	155,752576	227,084358	250,959891
380	11,7544566	15,7726811	35,9706143	71,0183809	155,887506	227,251613	251,139081
381	11,7930997	15,8216226	36,0569886	71,1356193	156,0222	227,418552	251,317928
382	11,8317683	15,8705874	36,1433438	71,2527439	156,156657	227,585177	251,496435
383	11,8704624	15,9195755	36,2296798	71,3697552	156,290879	227,751489	251,674602
384	11,9091819	15,9685868	36,3159966	71,4866536	156,424867	227,917489	251,852432
385	11,9479267	16,0176213	36,4022945	71,6034395	156,558622	228,08318	252,029926
386	11,9866969	16,0666789	36,4885733	71,7201133	156,692145	228,248561	252,207085
387	12,0254923	16,1157595	36,5748331	71,8366753	156,825436	228,413636	252,383911
388	12,064313	16,1648632	36,6610741	71,9531261	156,958498	228,578404	252,560405
389	12,1031588	16,2139898	36,7472962	72,0694659	157,09133	228,742868	252,73657
390	12,1420298	16,2631394	36,8334995	72,1856951	157,223934	228,907028	252,912405
391	12,1809258	16,3123118	36,919684	72,3018143	157,356311	229,070887	253,087913
392	12,2198469	16,3615071	37,0058499	72,4178236	157,488461	229,234445	253,263096
393	12,2587929	16,4107251	37,0919972	72,5337236	157,620387	229,397703	253,437954
394	12,2977638	16,4599659	37,1781258	72,6495145	157,752088	229,560664	253,612489
395	12,3367597	16,5092294	37,2642359	72,7651968	157,883565	229,723328	253,786702
396	12,3757804	16,5585155	37,3503275	72,8807709	158,01482	229,885696	253,960595
397	12,4148258	16,6078242	37,4364007	72,9962371	158,145854	230,04777	254,13417
398	12,4538961	16,6571554	37,5224555	73,1115958	158,276667	230,209552	254,307427
399	12,492991	16,7065092	37,608492	73,2268474	158,407261	230,371042	254,480368
400	12,5321105	16,7558853	37,6945102	73,3419922	158,537635	230,532241	254,652994
401	12,5712547	16,8052839	37,7805101	73,4570305	158,667792	230,693152	254,825308
402	12,6104234	16,8547049	37,8664919	73,5719629	158,797732	230,853774	254,997309
403	12,6496166	16,9041482	37,9524555	73,6867896	158,927456	231,01411	255,168999
404	12,6888344	16,9536137	38,0384011	73,8015109	159,056965	231,17416	255,340381
405	12,7280765	17,0031015	38,1243286	73,9161273	159,18626	231,333926	255,511454
406	12,767343	17,0526114	38,2102381	74,030639	159,315341	231,493409	255,682221
407	12,8066338	17,1021435	38,2961296	74,1450465	159,44421	231,652611	255,852682
408	12,845949	17,1516977	38,3820033	74,2593501	159,572867	231,811531	256,02284
409	12,8852883	17,2012739	38,4678591	74,3735501	159,701314	231,970172	256,192694

410	12,9246519	17,2508722	38,5536971	74,4876469	159,82955	232,128535	256,362247
411	12,9640396	17,3004924	38,6395173	74,6016409	159,957578	232,286621	256,5315
412	13,0034515	17,3501345	38,7253199	74,7155323	160,085397	232,444431	256,700454
413	13,0428874	17,3997985	38,8111048	74,8293215	160,213009	232,601966	256,86911
414	13,0823473	17,4494843	38,896872	74,9430089	160,340415	232,759227	257,03747
415	13,1218312	17,4991919	38,9826217	75,0565947	160,467614	232,916216	257,205534
416	13,1613391	17,5489212	39,0683539	75,1700794	160,594609	233,072933	257,373304
417	13,2008708	17,5986723	39,1540686	75,2834632	160,7214	233,22938	257,540782
418	13,2404264	17,648445	39,2397658	75,3967465	160,847988	233,385558	257,707968
419	13,2800058	17,6982393	39,3254457	75,5099296	160,974373	233,541468	257,874863
420	13,319609	17,7480552	39,4111082	75,6230129	161,100557	233,697111	258,04147
421	13,3592359	17,7978926	39,4967535	75,7359966	161,22654	233,852488	258,207788
422	13,3988865	17,8477515	39,5823815	75,8488811	161,352323	234,0076	258,37382
423	13,4385607	17,8976319	39,6679922	75,9616667	161,477906	234,162448	258,539566
424	13,4782585	17,9475337	39,7535858	76,0743537	161,603292	234,317034	258,705027
425	13,5179799	17,9974568	39,8391623	76,1869425	161,728479	234,471358	258,870205
426	13,5577248	18,0474013	39,9247217	76,2994333	161,85347	234,625421	259,035101
427	13,5974932	18,097367	40,0102641	76,4118266	161,978264	234,779225	259,199715
428	13,637285	18,147354	40,0957895	76,5241225	162,102863	234,932771	259,36405
429	13,6771002	18,1973622	40,1812979	76,6363214	162,227268	235,086059	259,528106
430	13,7169387	18,2473916	40,2667894	76,7484236	162,351479	235,23909	259,691885
431	13,7568006	18,2974421	40,3522641	76,8604294	162,475496	235,391867	259,855387
432	13,7966857	18,3475136	40,4377219	76,9723391	162,599322	235,544388	260,018613
433	13,8365941	18,3976062	40,523163	77,0841531	162,722955	235,696657	260,181565
434	13,8765257	18,4477198	40,6085873	77,1958716	162,846398	235,848673	260,344244
435	13,9164804	18,4978544	40,6939949	77,3074949	162,969651	236,000438	260,50665
436	13,9564582	18,5480099	40,7793859	77,4190233	163,092714	236,151953	260,668786
437	13,9964591	18,5981863	40,8647603	77,5304572	163,215589	236,303218	260,830651
438	14,036483	18,6483835	40,9501181	77,6417968	163,338276	236,454234	260,992248
439	14,0765299	18,6986016	41,0354593	77,7530424	163,460775	236,605004	261,153576
440	14,1165998	18,7488404	41,1207841	77,8641943	163,583088	236,755527	261,314638
441	14,1566926	18,7990999	41,2060924	77,9752528	163,705215	236,905804	261,475434
442	14,1968083	18,8493802	41,2913844	78,0862182	163,827157	237,055837	261,635965
443	14,2369468	18,8996811	41,3766599	78,1970908	163,948915	237,205626	261,796232
444	14,2771081	18,9500026	41,4619191	78,3078708	164,070488	237,355172	261,956237
445	14,3172922	19,0003446	41,5471621	78,4185586	164,191879	237,504477	262,11598
446	14,357499	19,0507072	41,6323887	78,5291544	164,313088	237,653541	262,275462
447	14,3977285	19,1010904	41,7175992	78,6396585	164,434114	237,802365	262,434685
448	14,4379806	19,151494	41,8027935	78,7500712	164,55496	237,950951	262,593649
449	14,4782553	19,201918	41,8879717	78,8603928	164,675625	238,099298	262,752355
450	14,5185526	19,2523624	41,9731338	78,9706235	164,796111	238,247408	262,910804
451	14,5588725	19,3028271	42,0582798	79,0807637	164,916418	238,395282	263,068998
452	14,5992148	19,3533122	42,1434098	79,1908135	165,036546	238,54292	263,226937
453	14,6395796	19,4038176	42,2285239	79,3007734	165,156497	238,690324	263,384623
454	14,6799669	19,4543432	42,313622	79,4106434	165,276271	238,837495	263,542055
455	14,7203765	19,504889	42,3987042	79,520424	165,395868	238,984433	263,699236

456	14,7608084	19,5554549	42,4837705	79,6301154	165,51529	239,131139	263,856166
457	14,8012627	19,606041	42,568821	79,7397178	165,634536	239,277614	264,012846
458	14,8417393	19,6566472	42,6538558	79,8492316	165,753608	239,423859	264,169277
459	14,8822381	19,7072735	42,7388747	79,9586569	165,872506	239,569875	264,32546
460	14,9227591	19,7579198	42,823878	80,067994	165,991231	239,715663	264,481395
461	14,9633022	19,8085861	42,9088656	80,1772433	166,109784	239,861223	264,637085
462	15,0038675	19,8592724	42,9938375	80,286405	166,228165	240,006557	264,792529
463	15,0444549	19,9099785	43,0787939	80,3954792	166,346374	240,151665	264,947729
464	15,0850644	19,9607046	43,1637347	80,5044664	166,464412	240,296548	265,102686
465	15,1256958	20,0114505	43,2486599	80,6133667	166,582281	240,441206	265,2574
466	15,1663493	20,0622162	43,3335697	80,7221804	166,69998	240,585642	265,411872
467	15,2070247	20,1130017	43,418464	80,8309077	166,81751	240,729855	265,566103
468	15,2477221	20,1638069	43,5033429	80,9395489	166,934872	240,873846	265,720095
469	15,2884413	20,2146319	43,5882063	81,0481043	167,052066	241,017617	265,873848
470	15,3291824	20,2654765	43,6730545	81,1565742	167,169093	241,161167	266,027362
471	15,3699453	20,3163408	43,7578873	81,2649586	167,285954	241,304499	266,18064
472	15,41073	20,3672247	43,8427049	81,373258	167,402649	241,447611	266,333681
473	15,4515364	20,4181282	43,9275072	81,4814725	167,519178	241,590507	266,486486
474	15,4923645	20,4690512	44,0122943	81,5896024	167,635543	241,733185	266,639057
475	15,5332143	20,5199937	44,0970662	81,697648	167,751743	241,875647	266,791394
476	15,5740858	20,5709557	44,181823	81,8056094	167,86778	242,017894	266,943498
477	15,6149788	20,6219371	44,2665646	81,9134869	167,983654	242,159927	267,09537
478	15,6558935	20,6729379	44,3512912	82,0212809	168,099366	242,301746	267,247011
479	15,6968297	20,7239582	44,4360028	82,1289914	168,214916	242,443351	267,398421
480	15,7377873	20,7749977	44,5206994	82,2366187	168,330304	242,584745	267,549602
481	15,7787665	20,8260566	44,6053809	82,3441632	168,445532	242,725927	267,700554
482	15,8197671	20,8771347	44,6900476	82,4516249	168,560599	242,866898	267,851278
483	15,8607891	20,9282321	44,7746994	82,5590042	168,675507	243,00766	268,001775
484	15,9018325	20,9793487	44,8593362	82,6663013	168,790256	243,148212	268,152046
485	15,9428973	21,0304845	44,9439583	82,7735164	168,904846	243,288556	268,302091
486	15,9839833	21,0816394	45,0285655	82,8806497	169,019278	243,428692	268,451911
487	16,0250906	21,1328134	45,113158	82,9877015	169,133553	243,568621	268,601507
488	16,0662192	21,1840065	45,1977357	83,0946721	169,247671	243,708344	268,750881
489	16,107369	21,2352187	45,2822988	83,2015615	169,361633	243,847862	268,900031
490	16,1485399	21,2864499	45,3668471	83,3083701	169,475438	243,987174	269,048961
491	16,189732	21,3377001	45,4513808	83,4150981	169,589089	244,126283	269,197669
492	16,2309452	21,3889692	45,5359	83,5217457	169,702585	244,265188	269,346158
493	16,2721795	21,4402572	45,6204045	83,6283131	169,815926	244,40389	269,494427
494	16,3134349	21,4915642	45,7048945	83,7348006	169,929114	244,54239	269,642478
495	16,3547113	21,54289	45,78937	83,8412084	170,042148	244,68069	269,790311
496	16,3960086	21,5942346	45,873831	83,9475366	170,15503	244,818788	269,937928
497	16,4373269	21,6455981	45,9582775	84,0537856	170,267759	244,956687	270,085328
498	16,4786662	21,6969803	46,0427097	84,1599555	170,380337	245,094386	270,232512
499	16,5200263	21,7483812	46,1271274	84,2660465	170,492764	245,231887	270,379482
500	16,5614073	21,7998008	46,2115309	84,372059	170,60504	245,36919	270,526238
501	16,6028091	21,8512392	46,2959199	84,477993	170,717166	245,506297	270,672781

502	16,6442318	21,9026961	46,3802947	84,5838488	170,829142	245,643206	270,819111
503	16,6856752	21,9541717	46,4646553	84,6896266	170,940969	245,77992	270,96523
504	16,7271393	22,0056659	46,5490016	84,7953266	171,052647	245,916439	271,111137
505	16,7686241	22,0571786	46,6333337	84,900949	171,164177	246,052763	271,256834
506	16,8101296	22,1087098	46,7176516	85,0064941	171,27556	246,188893	271,402322
507	16,8516558	22,1602596	46,8019554	85,1119621	171,386795	246,32483	271,547601
508	16,8932026	22,2118278	46,8862451	85,2173531	171,497884	246,460575	271,692671
509	16,9347699	22,2634144	46,9705207	85,3226674	171,608826	246,596128	271,837534
510	16,9763579	22,3150195	47,0547822	85,4279051	171,719623	246,73149	271,982191
511	17,0179663	22,3666429	47,1390298	85,5330665	171,830274	246,866661	272,126641
512	17,0595952	22,4182847	47,2232633	85,6381518	171,94078	247,001642	272,270886
513	17,1012446	22,4699447	47,3074829	85,7431612	172,051142	247,136434	272,414926
514	17,1429145	22,5216231	47,3916886	85,8480949	172,161361	247,271038	272,558762
515	17,1846047	22,5733198	47,4758803	85,9529531	172,271436	247,405453	272,702395
516	17,2263153	22,6250346	47,5600582	86,0577359	172,381367	247,539681	272,845826
517	17,2680463	22,6767677	47,6442223	86,1624437	172,491157	247,673722	272,989054
518	17,3097976	22,7285189	47,7283725	86,2670765	172,600804	247,807577	273,132081
519	17,3515692	22,7802883	47,8125089	86,3716346	172,71031	247,941246	273,274908
520	17,3933361	22,8320758	47,8966316	86,4761182	172,819675	248,074731	273,417535
521	17,4351731	22,8838814	47,9807406	86,5805275	172,928899	248,208031	273,559962
522	17,4770053	22,9357051	48,0648359	86,6848626	173,037983	248,341148	273,702191
523	17,5188578	22,9875467	48,1489175	86,7891238	173,146927	248,474081	273,844221
524	17,5607303	23,0394064	48,2329854	86,8933113	173,255731	248,606832	273,986055
525	17,602623	23,0912841	48,3170398	86,9974252	173,364397	248,739401	274,127692
526	17,6445358	23,1431797	48,4010805	87,1014658	173,472925	248,871789	274,269133
527	17,6864686	23,1950932	48,4851077	87,2054332	173,581314	249,003996	274,410378
528	17,7284215	23,2470246	48,5691214	87,3093276	173,689566	249,136023	274,551429
529	17,7703944	23,2989739	48,6531215	87,4131493	173,797681	249,267871	274,692285
530	17,8123872	23,350941	48,7371082	87,5168983	173,905659	249,399539	274,832949
531	17,8544	23,4029259	48,8210815	87,620575	174,013501	249,531029	274,973419
532	17,8964327	23,4549286	48,9050413	87,7241794	174,121207	249,662342	275,113697
533	17,9384853	23,5069491	48,9889878	87,8277118	174,228778	249,793477	275,253784
534	17,9805577	23,5589873	49,0729208	87,9311723	174,336213	249,924435	275,393679
535	18,02265	23,6110431	49,1568406	88,0345612	174,443514	250,055217	275,533385
536	18,0647621	23,6631167	49,240747	88,1378785	174,550681	250,185824	275,6729
537	18,1068939	23,7152079	49,3246401	88,2411246	174,657714	250,316256	275,812227
538	18,1490455	23,7673167	49,40852	88,3442995	174,764614	250,446513	275,951365
539	18,1912169	23,8194431	49,4923867	88,4474035	174,871381	250,576597	276,090315
540	18,2334079	23,8715871	49,5762401	88,5504368	174,978016	250,706507	276,229077
541	18,2756186	23,9237486	49,6600804	88,6533994	175,084518	250,836245	276,367653
542	18,3178489	23,9759276	49,7439075	88,7562917	175,190889	250,96581	276,506043
543	18,3600989	24,0281241	49,8277215	88,8591137	175,297128	251,095204	276,644248
544	18,4023684	24,0803381	49,9115224	88,9618657	175,403237	251,224426	276,782267
545	18,4446575	24,1325695	49,9953102	89,0645478	175,509215	251,353478	276,920102
546	18,4869661	24,1848183	50,079085	89,1671602	175,615063	251,48236	277,057754
547	18,5292942	24,2370845	50,1628467	89,2697031	175,720781	251,611073	277,195222

548	18,5716419	24,2893681	50,2465955	89,3721767	175,82637	251,739616	277,332507
549	18,6140089	24,3416689	50,3303313	89,474581	175,931831	251,867992	277,469611
550	18,6563954	24,3939871	50,4140542	89,5769164	176,037162	251,996199	277,606533
551	18,6988013	24,4463226	50,4977641	89,6791829	176,142366	252,124239	277,743274
552	18,7412266	24,4986753	50,5814611	89,7813808	176,247442	252,252111	277,879835
553	18,7836712	24,5510452	50,6651453	89,8835102	176,35239	252,379818	278,016216
554	18,8261351	24,6034324	50,7488166	89,9855712	176,457212	252,507359	278,152418
555	18,8686184	24,6558367	50,8324751	90,0875641	176,561907	252,634734	278,288441
556	18,9111209	24,7082581	50,9161209	90,1894891	176,666476	252,761945	278,424287
557	18,9536426	24,7606967	50,9997538	90,2913462	176,770919	252,888991	278,559954
558	18,9961836	24,8131524	51,083374	90,3931356	176,875237	253,015874	278,695445
559	19,0387437	24,8656252	51,1669815	90,4948576	176,97943	253,142593	278,830759
560	19,081323	24,918115	51,2505763	90,5965122	177,083497	253,269149	278,965897
561	19,1239215	24,9706218	51,3341585	90,6980997	177,187441	253,395544	279,10086
562	19,1665391	25,0231457	51,417728	90,7996202	177,291261	253,521776	279,235649
563	19,2091757	25,0756865	51,5012848	90,9010739	177,394957	253,647847	279,370262
564	19,2518315	25,1282442	51,5848291	91,0024609	177,49853	253,773757	279,504703
565	19,2945062	25,1808189	51,6683608	91,1037814	177,60198	253,899507	279,638969
566	19,3372	25,2334105	51,75188	91,2050355	177,705308	254,025097	279,773064
567	19,3799128	25,286019	51,8353866	91,3062235	177,808513	254,150528	279,906986
568	19,4226446	25,3386443	51,9188807	91,4073454	177,911597	254,2758	280,040736
569	19,4653952	25,3912865	52,0023624	91,5084015	178,014559	254,400914	280,174316
570	19,5081648	25,4439454	52,0858316	91,6093919	178,1174	254,525869	280,307724
571	19,5509533	25,4966212	52,1692884	91,7103167	178,220121	254,650667	280,440963
572	19,5937607	25,5493137	52,2527328	91,8111762	178,322721	254,775309	280,574032
573	19,6365869	25,6020229	52,3361648	91,9119704	178,425201	254,899793	280,706932
574	19,6794319	25,6547489	52,4195844	92,0126995	178,527562	255,024122	280,839664
575	19,7222957	25,7074915	52,5029917	92,1133637	178,629803	255,148295	280,972227
576	19,7651782	25,7602508	52,5863867	92,2139631	178,731926	255,272313	281,104623
577	19,8080795	25,8130267	52,6697694	92,3144979	178,83393	255,396177	281,236852
578	19,8509995	25,8658192	52,7531399	92,4149683	178,935815	255,519886	281,368914
579	19,8939383	25,9186284	52,8364981	92,5153743	179,037583	255,643442	281,500811
580	19,9368957	25,9714541	52,9198441	92,6157162	179,139233	255,766844	281,632541
581	19,9798717	26,0242963	53,0031778	92,7159941	179,240765	255,890094	281,764107
582	20,0228664	26,0771551	53,0864995	92,8162081	179,342181	256,013191	281,895508
583	20,0658796	26,1300303	53,1698089	92,9163584	179,443481	256,136136	282,026745
584	20,1089114	26,1829221	53,2531063	93,0164451	179,544664	256,25893	282,157819
585	20,1519618	26,2358303	53,3363915	93,1164685	179,645731	256,381573	282,288729
586	20,1950307	26,2887549	53,4196646	93,2164286	179,746682	256,504065	282,419477
587	20,2381181	26,3416959	53,5029257	93,3163255	179,847519	256,626407	282,550063
588	20,281224	26,3946533	53,5861748	93,4161595	179,94824	256,7486	282,680487
589	20,3243484	26,4476271	53,6694118	93,5159307	180,048847	256,870643	282,810749
590	20,3674912	26,5006172	53,7526368	93,6156392	180,149339	256,992537	282,940851
591	20,4106523	26,5536236	53,8358499	93,7152852	180,249718	257,114283	283,070793
592	20,4538319	26,6066463	53,919051	93,8148688	180,349983	257,235881	283,200575
593	20,4970299	26,6596853	54,0022402	93,9143902	180,450135	257,357332	283,330198

594	20,5402461	26,7127406	54,0854175	94,0138495	180,550173	257,478635	283,459662
595	20,5834807	26,765812	54,1685829	94,1132468	180,650099	257,599792	283,588967
596	20,6267336	26,8188997	54,2517364	94,2125823	180,749913	257,720803	283,718115
597	20,6700048	26,8720035	54,3348781	94,3118561	180,849614	257,841667	283,847105
598	20,7132942	26,9251235	54,418008	94,4110684	180,949204	257,962387	283,975938
599	20,7566018	26,9782596	54,5011261	94,5102194	181,048683	258,082961	284,104614
600	20,7999277	27,0314119	54,5842324	94,6093091	181,14805	258,203391	284,233134
601	20,8432717	27,0845802	54,6673269	94,7083376	181,247307	258,323676	284,361499
602	20,8866339	27,1377647	54,7504097	94,8073053	181,346453	258,443818	284,489708
603	20,9300142	27,1909651	54,8334808	94,906212	181,445489	258,563817	284,617763
604	20,9734126	27,2441816	54,9165402	95,0050581	181,544415	258,683672	284,745663
605	21,0168291	27,2974141	54,9995879	95,1038437	181,643231	258,803385	284,87341
606	21,0602637	27,3506626	55,082624	95,2025688	181,741938	258,922956	285,001003
607	21,1037163	27,403927	55,1656485	95,3012337	181,840536	259,042386	285,128442
608	21,147187	27,4572074	55,2486613	95,3998384	181,939026	259,161673	285,25573
609	21,1906756	27,5105037	55,3316625	95,4983831	182,037407	259,28082	285,382865
610	21,2341822	27,5638159	55,4146522	95,5968679	182,13568	259,399827	285,509848
611	21,2777068	27,617144	55,4976304	95,695293	182,233845	259,518693	285,63668
612	21,3212493	27,6704879	55,580597	95,7936584	182,331903	259,63742	285,763362
613	21,3648098	27,7238477	55,6635521	95,8919644	182,429853	259,756007	285,889893
614	21,4083881	27,7772233	55,7464957	95,9902111	182,527697	259,874455	286,016273
615	21,4519843	27,8306146	55,8294278	96,0883986	182,625434	259,992765	286,142505
616	21,4955983	27,8840218	55,9123485	96,186527	182,723065	260,110937	286,268587
617	21,5392302	27,9374447	55,9952578	96,2845964	182,820589	260,22897	286,39452
618	21,5828799	27,9908833	56,0781557	96,382607	182,918008	260,346867	286,520305
619	21,6265474	28,0443376	56,1610422	96,480559	183,015322	260,464626	286,645942
620	21,6702326	28,0978076	56,2439173	96,5784524	183,11253	260,582249	286,771431
621	21,7139355	28,1512933	56,326781	96,6762873	183,209633	260,699735	286,896774
622	21,7576562	28,2047947	56,4096335	96,774064	183,306632	260,817086	287,021969
623	21,8013946	28,2583116	56,4924746	96,8717825	183,403527	260,934301	287,147019
624	21,8451506	28,3118442	56,5753045	96,969443	183,500317	261,051381	287,271922
625	21,8889244	28,3653923	56,6581231	97,0670455	183,597003	261,168326	287,39668
626	21,9327157	28,4189561	56,7409304	97,1645903	183,693586	261,285137	287,521293
627	21,9765246	28,4725353	56,8237265	97,2620774	183,790066	261,401813	287,645761
628	22,0203512	28,5261301	56,9065114	97,359507	183,886443	261,518356	287,770085
629	22,0641953	28,5797404	56,9892851	97,4568791	183,982717	261,634766	287,894265
630	22,108057	28,6333662	57,0720477	97,554194	184,078889	261,751043	288,018302
631	22,1519362	28,6870074	57,1547991	97,6514517	184,174959	261,867187	288,142195
632	22,1958329	28,7406641	57,2375393	97,7486524	184,270926	261,983199	288,265946
633	22,2397471	28,7943362	57,3202685	97,8457962	184,366793	262,099079	288,389554
634	22,2836788	28,8480237	57,4029865	97,9428832	184,462557	262,214828	288,513021
635	22,3276279	28,9017266	57,4856935	98,0399135	184,558221	262,330445	288,636346
636	22,3715944	28,9554449	57,5683894	98,1368873	184,653784	262,445932	288,75953
637	22,4155784	29,0091785	57,6510743	98,2338046	184,749247	262,561288	288,882573
638	22,4595797	29,0629274	57,7337482	98,3306657	184,844609	262,676514	289,005475
639	22,5035984	29,1166916	57,8164111	98,4274706	184,939871	262,791611	289,128238

640	22,5476344	29,1704711	57,899063	98,5242194	185,035033	262,906578	289,250861
641	22,5916878	29,2242659	57,9817039	98,6209123	185,130096	263,021416	289,373344
642	22,6357585	29,278076	58,0643339	98,7175493	185,22506	263,136125	289,495689
643	22,6798464	29,3319012	58,1469529	98,8141307	185,319924	263,250706	289,617895
644	22,7239516	29,3857417	58,2295611	98,9106564	185,41469	263,365159	289,739963
645	22,7680741	29,4395974	58,3121583	99,0071268	185,509358	263,479485	289,861894
646	22,8122138	29,4934682	58,3947447	99,1035417	185,603927	263,593683	289,983687
647	22,8563707	29,5473542	58,4773203	99,1999014	185,698398	263,707754	290,105342
648	22,9005447	29,6012553	58,559885	99,296206	185,792772	263,821698	290,226862
649	22,944736	29,6551715	58,6424389	99,3924557	185,887048	263,935516	290,348245
650	22,9889444	29,7091028	58,7249819	99,4886504	185,981227	264,049208	290,469492
651	23,0331699	29,7630492	58,8075143	99,5847904	186,075309	264,162775	290,590603
652	23,0774125	29,8170106	58,8900358	99,6808757	186,169295	264,276216	290,711579
653	23,1216722	29,8709871	58,9725466	99,7769065	186,263183	264,389532	290,83242
654	23,165949	29,9249786	59,0550467	99,8728828	186,356976	264,502723	290,953127
655	23,2102428	29,9789851	59,1375361	99,9688049	186,450673	264,615791	291,0737
656	23,2545536	30,0330066	59,2200148	100,064673	186,544274	264,728734	291,194138
657	23,2988815	30,087043	59,3024828	100,160487	186,637779	264,841553	291,314444
658	23,3432263	30,1410944	59,3849401	100,256246	186,73119	264,954249	291,434616
659	23,3875881	30,1951607	59,4673868	100,351952	186,824505	265,066822	291,554655
660	23,4319669	30,2492419	59,5498229	100,447604	186,917725	265,179273	291,674562
661	23,4763626	30,303338	59,6322484	100,543203	187,010851	265,291601	291,794337
662	23,5207752	30,357449	59,7146633	100,638748	187,103883	265,403806	291,91398
663	23,5652047	30,4115748	59,7970677	100,73424	187,196821	265,515891	292,033492
664	23,6096511	30,4657154	59,8794615	100,829678	187,289665	265,627853	292,152873
665	23,6541143	30,5198709	59,9618447	100,925063	187,382415	265,739695	292,272123
666	23,6985944	30,5740412	60,0442175	101,020395	187,475072	265,851415	292,391243
667	23,7430912	30,6282262	60,1265797	101,115674	187,567636	265,963016	292,510233
668	23,7876049	30,682426	60,2089315	101,210901	187,660107	266,074496	292,629093
669	23,8321354	30,7366405	60,2912727	101,306074	187,752485	266,185856	292,747824
670	23,8766826	30,7908698	60,3736036	101,401195	187,844771	266,297096	292,866426
671	23,9212466	30,8451138	60,455924	101,496263	187,936965	266,408218	292,984899
672	23,9658272	30,8993724	60,538234	101,591279	188,029067	266,51922	293,103243
673	24,0104246	30,9536458	60,6205336	101,686243	188,121077	266,630103	293,22146
674	24,0550387	31,0079337	60,7028228	101,781154	188,212996	266,740869	293,339549
675	24,0996694	31,0622363	60,7851017	101,876013	188,304823	266,851516	293,457511
676	24,1443168	31,1165536	60,8673702	101,97082	188,396559	266,962045	293,575345
677	24,1889809	31,1708854	60,9496283	102,065576	188,488205	267,072457	293,693053
678	24,2336615	31,2252318	61,0318762	102,160279	188,57976	267,182752	293,810635
679	24,2783587	31,2795928	61,1141138	102,254931	188,671225	267,29293	293,92809
680	24,3230725	31,3339683	61,196341	102,349531	188,762599	267,402991	294,04542
681	24,3678029	31,3883583	61,2785581	102,44408	188,853884	267,512936	294,162624
682	24,4125498	31,4427629	61,3607648	102,538577	188,945078	267,622766	294,279703
683	24,4573132	31,497182	61,4429614	102,633023	189,036184	267,732479	294,396657
684	24,5020932	31,5516155	61,5251477	102,727418	189,1272	267,842077	294,513487
685	24,5468896	31,6060635	61,6073238	102,821762	189,218127	267,95156	294,630193

686	24,5917025	31,6605259	61,6894897	102,916055	189,308965	268,060928	294,746775
687	24,6365318	31,7150028	61,7716455	103,010297	189,399715	268,170181	294,863233
688	24,6813776	31,769494	61,8537911	103,104488	189,490376	268,279321	294,979568
689	24,7262397	31,8239997	61,9359266	103,198628	189,580949	268,388346	295,09578
690	24,7711183	31,8785197	62,0180519	103,292718	189,671434	268,497258	295,21187
691	24,8160133	31,9330541	62,1001672	103,386758	189,761831	268,606056	295,327837
692	24,8609246	31,9876028	62,1822723	103,480747	189,852141	268,714741	295,443682
693	24,9058522	32,0421659	62,2643674	103,574686	189,942363	268,823313	295,559405
694	24,9507962	32,0967432	62,3464525	103,668574	190,032499	268,931773	295,675008
695	24,9957565	32,1513349	62,4285275	103,762413	190,122547	269,04012	295,790488
696	25,0407331	32,2059408	62,5105924	103,856202	190,212509	269,148356	295,905849
697	25,0857259	32,2605609	62,5926474	103,94994	190,302384	269,256479	296,021088
698	25,1307351	32,3151953	62,6746923	104,043629	190,392173	269,364492	296,136208
699	25,1757604	32,369844	62,7567273	104,137269	190,481875	269,472393	296,251207
700	25,220802	32,4245068	62,8387523	104,230858	190,571492	269,580183	296,366087
701	25,2658597	32,4791838	62,9207674	104,324399	190,661023	269,687862	296,480848
702	25,3109337	32,533875	63,0027726	104,41789	190,750469	269,795432	296,59549
703	25,3560238	32,5885804	63,0847678	104,511331	190,83983	269,902891	296,710013
704	25,4011301	32,6432999	63,1667531	104,604723	190,929105	270,01024	296,824417
705	25,4462525	32,6980335	63,2487285	104,698067	191,018296	270,11748	296,938704
706	25,491391	32,7527812	63,3306941	104,791361	191,107401	270,22461	297,052872
707	25,5365457	32,807543	63,4126498	104,884606	191,196423	270,331631	297,166923
708	25,5817164	32,8623189	63,4945957	104,977803	191,28536	270,438544	297,280857
709	25,6269032	32,9171088	63,5765317	105,070951	191,374213	270,545348	297,394673
710	25,672106	32,9719128	63,6584579	105,16405	191,462982	270,652044	297,508373
711	25,7173249	33,0267308	63,7403744	105,257101	191,551668	270,758632	297,621957
712	25,7625597	33,0815628	63,822281	105,350103	191,64027	270,865112	297,735424
713	25,8078106	33,1364088	63,9041779	105,443057	191,728788	270,971485	297,848776
714	25,8530775	33,1912688	63,986065	105,535962	191,817224	271,077751	297,962012
715	25,8983603	33,2461428	64,0679424	105,62882	191,905577	271,183909	298,075132
716	25,9436591	33,3010307	64,1498101	105,721629	191,993847	271,289961	298,188138
717	25,9889738	33,3559325	64,231668	105,814391	192,082034	271,395907	298,301029
718	26,0343044	33,4108482	64,3135163	105,907104	192,17014	271,501746	298,413805
719	26,0796509	33,4657779	64,3953549	105,99977	192,258163	271,60748	298,526467
720	26,1250133	33,5207214	64,4771838	106,092388	192,346104	271,713107	298,639016
721	26,1703916	33,5756788	64,5590031	106,184959	192,433963	271,81863	298,75145
722	26,2157857	33,63065	64,6408128	106,277482	192,521741	271,924047	298,863772
723	26,2611957	33,6856351	64,7226128	106,369957	192,609438	272,029359	298,97598
724	26,3066214	33,7406339	64,8044032	106,462385	192,697053	272,134567	299,088075
725	26,352063	33,7956466	64,886184	106,554766	192,784587	272,23967	299,200058
726	26,3975203	33,8506731	64,9679553	106,6471	192,872041	272,344669	299,311928
727	26,4429935	33,9057133	65,049717	106,739387	192,959414	272,449565	299,423687
728	26,4884823	33,9607674	65,1314691	106,831626	193,046706	272,554356	299,535333
729	26,533987	34,0158351	65,2132117	106,923819	193,133918	272,659044	299,646869
730	26,5795073	34,0709166	65,2949448	107,015965	193,221051	272,763629	299,758293
731	26,6250433	34,1260118	65,3766684	107,108064	193,308103	272,868111	299,869606

732	26,670595	34,1811206	65,4583825	107,200117	193,395075	272,972491	299,980808
733	26,7161624	34,2362432	65,5400871	107,292123	193,481968	273,076767	300,0919
734	26,7617455	34,2913794	65,6217823	107,384083	193,568782	273,180942	300,202881
735	26,8073441	34,3465293	65,703468	107,475996	193,655517	273,285015	300,313753
736	26,8529585	34,4016928	65,7851442	107,567863	193,742172	273,388985	300,424515
737	26,8985884	34,4568699	65,8668111	107,659684	193,828749	273,492855	300,535167
738	26,9442339	34,5120606	65,9484685	107,751458	193,915247	273,596623	300,645711
739	26,989895	34,567265	66,0301165	107,843187	194,001667	273,70029	300,756145
740	27,0355716	34,6224829	66,1117552	107,93487	194,088008	273,803856	300,866471
741	27,0812638	34,6777143	66,1933845	108,026506	194,174272	273,907322	300,976689
742	27,1269715	34,7329593	66,2750044	108,118097	194,260457	274,010688	301,086798
743	27,1726947	34,7882178	66,356615	108,209643	194,346565	274,113953	301,196799
744	27,2184335	34,8434899	66,4382163	108,301143	194,432595	274,217118	301,306693
745	27,2641877	34,8987754	66,5198083	108,392597	194,518547	274,320184	301,416479
746	27,3099574	34,9540744	66,6013909	108,484006	194,604423	274,423151	301,526159
747	27,3557425	35,0093869	66,6829643	108,575369	194,690221	274,526018	301,635731
748	27,4015431	35,0647129	66,7645284	108,666687	194,775943	274,628786	301,745197
749	27,447359	35,1200523	66,8460833	108,75796	194,861588	274,731456	301,854556
750	27,4931904	35,1754051	66,9276289	108,849188	194,947156	274,834027	301,963809
751	27,5390372	35,2307713	67,0091652	108,940371	195,032648	274,936499	302,072956
752	27,5848994	35,2861509	67,0906924	109,031509	195,118064	275,038874	302,181998
753	27,6307769	35,3415439	67,1722103	109,122602	195,203403	275,141151	302,290934
754	27,6766697	35,3969503	67,2537191	109,21365	195,288667	275,24333	302,399765
755	27,7225779	35,45237	67,3352187	109,304654	195,373856	275,345412	302,508491
756	27,7685014	35,5078031	67,4167091	109,395613	195,458968	275,447397	302,617112
757	27,8144402	35,5632495	67,4981904	109,486527	195,544006	275,549285	302,725629
758	27,8603943	35,6187092	67,5796625	109,577397	195,628968	275,651076	302,834041
759	27,9063637	35,6741822	67,6611255	109,668222	195,713855	275,752771	302,94235
760	27,9523483	35,7296684	67,7425794	109,759004	195,798667	275,854369	303,050555
761	27,9983481	35,785168	67,8240241	109,849741	195,883405	275,955872	303,158656
762	28,0443632	35,8406808	67,9054598	109,940434	195,968068	276,057278	303,266654
763	28,0903934	35,8962068	67,9868865	110,031083	196,052656	276,158589	303,374549
764	28,1364389	35,9517461	68,068304	110,121688	196,137171	276,259804	303,482341
765	28,1824995	36,0072985	68,1497125	110,212249	196,221611	276,360925	303,59003
766	28,2285753	36,0628642	68,231112	110,302766	196,305978	276,46195	303,697618
767	28,2746663	36,118443	68,3125025	110,393239	196,39027	276,56288	303,805103
768	28,3207724	36,174035	68,3938839	110,483669	196,47449	276,663716	303,912486
769	28,3668936	36,2296402	68,4752564	110,574055	196,558636	276,764458	304,019767
770	28,4130299	36,2852585	68,5566198	110,664398	196,642708	276,865105	304,126947
771	28,4591813	36,3408899	68,6379743	110,754697	196,726708	276,965659	304,234026
772	28,5053478	36,3965345	68,7193199	110,844953	196,810634	277,066119	304,341004
773	28,5515293	36,4521921	68,8006565	110,935166	196,894488	277,166485	304,447881
774	28,5977259	36,5078628	68,8819841	111,025335	196,978269	277,266758	304,554658
775	28,6439375	36,5635466	68,9633028	111,115461	197,061978	277,366938	304,661334
776	28,6901642	36,6192435	69,0446127	111,205545	197,145614	277,467025	304,76791
777	28,7364058	36,6749534	69,1259136	111,295585	197,229179	277,567019	304,874386

778	28,7826624	36,7306763	69,2072056	111,385582	197,312671	277,666921	304,980763
779	28,828934	36,7864123	69,2884888	111,475537	197,396092	277,766731	305,08704
780	28,8752206	36,8421612	69,3697631	111,565449	197,47944	277,866448	305,193218
781	28,9215221	36,8979231	69,4510286	111,655318	197,562718	277,966074	305,299297
782	28,9678385	36,953698	69,5322852	111,745145	197,645924	278,065608	305,405277
783	29,0141699	37,0094859	69,613533	111,834929	197,729058	278,16505	305,511159
784	29,0605161	37,0652867	69,694772	111,92467	197,812122	278,264401	305,616943
785	29,1068773	37,1211005	69,7760022	112,014369	197,895115	278,363662	305,722628
786	29,1532533	37,1769271	69,8572236	112,104026	197,978037	278,462831	305,828215
787	29,1996442	37,2327667	69,9384362	112,193641	198,060888	278,561909	305,933705
788	29,2460499	37,2886192	70,0196401	112,283214	198,143669	278,660898	306,039097
789	29,2924705	37,3444845	70,1008352	112,372744	198,226379	278,759796	306,144392
790	29,3389058	37,4003627	70,1820216	112,462233	198,30902	278,858603	306,24959
791	29,385356	37,4562538	70,2631993	112,551679	198,39159	278,957321	306,354691
792	29,431821	37,5121577	70,3443682	112,641084	198,47409	279,05595	306,459696
793	29,4783007	37,5680744	70,4255284	112,730447	198,556521	279,154488	306,564604
794	29,5247952	37,624004	70,50668	112,819768	198,638882	279,252938	306,669416
795	29,5713045	37,6799463	70,5878229	112,909047	198,721174	279,351298	306,774132
796	29,6178285	37,7359015	70,6689571	112,998285	198,803397	279,44957	306,878752
797	29,6643672	37,7918694	70,7500826	113,087482	198,88555	279,547752	306,983276
798	29,7109206	37,8478501	70,8311995	113,176637	198,967634	279,645847	307,087705
799	29,7574887	37,9038435	70,9123078	113,26575	199,04965	279,743852	307,192039
800	29,8040715	37,9598497	70,9934075	113,354823	199,131596	279,84177	307,296278
801	29,8506689	38,0158685	71,0744985	113,443854	199,213474	279,9396	307,400423
802	29,897281	38,0719001	71,155581	113,532844	199,295284	280,037342	307,504472
803	29,9439078	38,1279444	71,2366548	113,621793	199,377026	280,134996	307,608428
804	29,9905492	38,1840014	71,3177201	113,710701	199,458699	280,232563	307,712289
805	30,0372051	38,240071	71,3987769	113,799568	199,540304	280,330043	307,816057
806	30,0838757	38,2961533	71,4798251	113,888394	199,621842	280,427436	307,91973
807	30,1305609	38,3522483	71,5608647	113,977179	199,703311	280,524742	308,02331
808	30,1772606	38,4083559	71,6418958	114,065924	199,784713	280,621961	308,126797
809	30,2239749	38,464476	71,7229184	114,154628	199,866048	280,719094	308,230191
810	30,2707037	38,5206089	71,8039325	114,243291	199,947316	280,816141	308,333491
811	30,3174471	38,5767542	71,8849381	114,331914	200,028516	280,913101	308,436699
812	30,3642049	38,6329122	71,9659353	114,420496	200,109649	281,009976	308,539815
813	30,4109773	38,6890828	72,0469239	114,509038	200,190715	281,106764	308,642838
814	30,4577642	38,7452659	72,1279041	114,59754	200,271715	281,203468	308,745768
815	30,5045655	38,8014615	72,2088759	114,686002	200,352648	281,300086	308,848607
816	30,5513813	38,8576697	72,2898392	114,774423	200,433514	281,396618	308,951355
817	30,5982116	38,9138904	72,370794	114,862804	200,514315	281,493066	309,05401
818	30,6450563	38,9701236	72,4517405	114,951145	200,595049	281,589429	309,156574
819	30,6919154	39,0263693	72,5326786	115,039446	200,675716	281,685707	309,259047
820	30,7387889	39,0826274	72,6136083	115,127707	200,756318	281,7819	309,361429
821	30,7856769	39,1388981	72,6945296	115,215929	200,836855	281,87801	309,463721
822	30,8325792	39,1951812	72,7754425	115,30411	200,917325	281,974035	309,565921
823	30,8794958	39,2514767	72,8563471	115,392252	200,99773	282,069976	309,668032

824	30,9264269	39,3077847	72,9372433	115,480354	201,07807	282,165834	309,770052
825	30,9733723	39,3641051	73,0181312	115,568417	201,158344	282,261608	309,871982
826	31,020332	39,4204379	73,0990107	115,65644	201,238553	282,357298	309,973822
827	31,067306	39,4767831	73,179882	115,744424	201,318697	282,452905	310,075572
828	31,1142944	39,5331406	73,2607449	115,832368	201,398776	282,548429	310,177233
829	31,161297	39,5895106	73,3415996	115,920273	201,478791	282,643871	310,278805
830	31,2083139	39,6458929	73,4224459	116,008139	201,558741	282,739229	310,380288
831	31,2553451	39,7022875	73,503284	116,095965	201,638626	282,834505	310,481681
832	31,3023905	39,7586945	73,5841139	116,183753	201,718447	282,929699	310,582986
833	31,3494502	39,8151138	73,6649355	116,271501	201,798204	283,02481	310,684203
834	31,3965241	39,8715454	73,7457488	116,35921	201,877897	283,119839	310,785331
835	31,4436122	39,9279893	73,8265539	116,446881	201,957526	283,214786	310,886371
836	31,4907146	39,9844455	73,9073508	116,534512	202,037091	283,309652	310,987323
837	31,5378311	40,040914	73,9881395	116,622105	202,116592	283,404436	311,088187
838	31,5849618	40,0973947	74,06892	116,709659	202,19603	283,499139	311,188963
839	31,6321067	40,1538877	74,1496923	116,797174	202,275404	283,59376	311,289652
840	31,6792657	40,2103929	74,2304565	116,884651	202,354715	283,688301	311,390254
841	31,7264388	40,2669103	74,3112124	116,972089	202,433962	283,78276	311,490768
842	31,7736261	40,32344	74,3919602	117,059489	202,513147	283,877139	311,591196
843	31,8208275	40,3799818	74,4726999	117,14685	202,592268	283,971437	311,691537
844	31,868043	40,4365359	74,5534315	117,234173	202,671327	284,065655	311,791791
845	31,9152726	40,4931021	74,6341549	117,321457	202,750323	284,159793	311,891959
846	31,9625163	40,5496805	74,7148702	117,408703	202,829257	284,25385	311,992041
847	32,009774	40,606271	74,7955774	117,495912	202,908128	284,347828	312,092037
848	32,0570458	40,6628737	74,8762765	117,583082	202,986936	284,441726	312,191947
849	32,1043317	40,7194885	74,9569675	117,670213	203,065683	284,535544	312,291771
850	32,1516315	40,7761154	75,0376505	117,757307	203,144367	284,629283	312,39151
851	32,1989454	40,8327544	75,1183254	117,844363	203,22299	284,722943	312,491163
852	32,2462733	40,8894056	75,1989922	117,931382	203,30155	284,816523	312,590731
853	32,2936151	40,9460688	75,2796511	118,018362	203,380049	284,910025	312,690215
854	32,340971	41,0027441	75,3603018	118,105304	203,458486	285,003448	312,789613
855	32,3883408	41,0594314	75,4409446	118,192209	203,536862	285,096792	312,888927
856	32,4357246	41,1161308	75,5215793	118,279077	203,615176	285,190057	312,988156
857	32,4831223	41,1728423	75,6022061	118,365906	203,693429	285,283245	313,087301
858	32,5305339	41,2295657	75,6828249	118,452698	203,771621	285,376354	313,186362
859	32,5779595	41,2863012	75,7634356	118,539453	203,849752	285,469385	313,285339
860	32,625399	41,3430487	75,8440385	118,626171	203,927822	285,562339	313,384232
861	32,6728523	41,3998082	75,9246333	118,712851	204,005832	285,655215	313,483041
862	32,7203196	41,4565796	76,0052202	118,799493	204,08378	285,748013	313,581767
863	32,7678007	41,5133631	76,0857992	118,886099	204,161668	285,840734	313,68041
864	32,8152957	41,5701585	76,1663702	118,972667	204,239496	285,933377	313,778969
865	32,8628045	41,6269658	76,2469333	119,059198	204,317263	286,025944	313,877446
866	32,9103272	41,6837851	76,3274886	119,145693	204,394971	286,118434	313,97584
867	32,9578636	41,7406162	76,4080359	119,23215	204,472618	286,210846	314,074151
868	33,0054139	41,7974594	76,4885753	119,31857	204,550205	286,303183	314,17238
869	33,052978	41,8543144	76,5691068	119,404954	204,627732	286,395443	314,270526

870	33,1005559	41,9111813	76,6496305	119,4913	204,7052	286,487626	314,36859
871	33,1481475	41,96806	76,7301463	119,57761	204,782608	286,579733	314,466573
872	33,1957529	42,0249507	76,8106543	119,663884	204,859956	286,671765	314,564473
873	33,2433721	42,0818532	76,8911544	119,75012	204,937245	286,76372	314,662292
874	33,291005	42,1387675	76,9716467	119,83632	205,014475	286,8556	314,760029
875	33,3386516	42,1956937	77,0521312	119,922484	205,091646	286,947404	314,857685
876	33,386312	42,2526317	77,1326078	120,008611	205,168757	287,039133	314,95526
877	33,433986	42,3095815	77,2130767	120,094701	205,24581	287,130787	315,052754
878	33,4816737	42,3665432	77,2935377	120,180756	205,322804	287,222365	315,150167
879	33,5293752	42,4235166	77,373991	120,266774	205,399739	287,313869	315,247499
880	33,5770903	42,4805018	77,4544365	120,352756	205,476616	287,405297	315,344751
881	33,624819	42,5374987	77,5348743	120,438701	205,553434	287,496651	315,441922
882	33,6725614	42,5945075	77,6153043	120,524611	205,630193	287,587931	315,539014
883	33,7203174	42,6515279	77,6957265	120,610484	205,706895	287,679136	315,636025
884	33,7680871	42,7085601	77,776141	120,696322	205,783538	287,770267	315,732956
885	33,8158703	42,7656041	77,8565478	120,782123	205,860123	287,861324	315,829807
886	33,8636672	42,8226597	77,9369469	120,867889	205,936651	287,952306	315,926579
887	33,9114776	42,8797271	78,0173383	120,953619	206,01312	288,043215	316,023272
888	33,9593017	42,9368061	78,0977219	121,039313	206,089532	288,134051	316,119885
889	34,0071393	42,9938968	78,1780979	121,124971	206,165886	288,224813	316,216419
890	34,0549904	43,0509992	78,2584662	121,210593	206,242183	288,315501	316,312874
891	34,1028551	43,1081133	78,3388269	121,29618	206,318422	288,406116	316,40925
892	34,1507333	43,165239	78,4191799	121,381732	206,394604	288,496658	316,505548
893	34,1986251	43,2223763	78,4995252	121,467248	206,470728	288,587127	316,601767
894	34,2465303	43,2795253	78,5798629	121,552728	206,546796	288,677524	316,697907
895	34,2944491	43,3366859	78,6601929	121,638173	206,622807	288,767847	316,79397
896	34,3423813	43,3938581	78,7405154	121,723583	206,698761	288,858098	316,889954
897	34,390327	43,4510419	78,8208302	121,808957	206,774658	288,948277	316,985861
898	34,4382862	43,5082373	78,9011374	121,894296	206,850498	289,038384	317,081689
899	34,4862588	43,5654443	78,981437	121,9796	206,926282	289,128418	317,17744
900	34,5342449	43,6226628	79,0617291	122,064869	207,00201	289,21838	317,273114
901	34,5822444	43,6798929	79,1420135	122,150103	207,077681	289,308271	317,36871
902	34,6302573	43,7371345	79,2222904	122,235302	207,153296	289,398089	317,464229
903	34,6782836	43,7943877	79,3025597	122,320465	207,228855	289,487837	317,559672
904	34,7263233	43,8516524	79,3828215	122,405594	207,304357	289,577512	317,655037
905	34,7743764	43,9089286	79,4630758	122,490688	207,379804	289,667117	317,750325
906	34,8224429	43,9662163	79,5433225	122,575747	207,455195	289,75665	317,845537
907	34,8705228	44,0235155	79,6235617	122,660772	207,530531	289,846112	317,940673
908	34,918616	44,0808261	79,7037934	122,745761	207,60581	289,935504	318,035732
909	34,9667225	44,1381483	79,7840175	122,830716	207,681034	290,024824	318,130715
910	35,0148424	44,1954819	79,8642342	122,915637	207,756203	290,114074	318,225622
911	35,0629755	44,2528269	79,9444434	123,000523	207,831317	290,203254	318,320453
912	35,111122	44,3101835	80,0246451	123,085374	207,906375	290,292363	318,415209
913	35,1592818	44,3675514	80,1048394	123,170191	207,981378	290,381402	318,509889
914	35,2074549	44,4249307	80,1850262	123,254973	208,056326	290,470371	318,604493
915	35,2556413	44,4823215	80,2652055	123,339722	208,13122	290,55927	318,699023

916	35,3038409	44,5397237	80,3453774	123,424436	208,206058	290,648099	318,793477
917	35,3520538	44,5971372	80,4255419	123,509115	208,280842	290,736858	318,887856
918	35,4002799	44,6545621	80,5056989	123,593761	208,355571	290,825548	318,98216
919	35,4485193	44,7119984	80,5858485	123,678372	208,430246	290,914168	319,076389
920	35,4967718	44,7694461	80,6659907	123,762949	208,504866	291,002719	319,170544
921	35,5450376	44,8269051	80,7461256	123,847492	208,579432	291,091201	319,264625
922	35,5933166	44,8843755	80,826253	123,932002	208,653944	291,179613	319,358631
923	35,6416088	44,9418571	80,906373	124,016477	208,728401	291,267957	319,452563
924	35,6899142	44,9993501	80,9864857	124,100918	208,802805	291,356232	319,546421
925	35,7382327	45,0568544	81,066591	124,185326	208,877155	291,444438	319,640205
926	35,7865644	45,11437	81,146689	124,2697	208,951451	291,532576	319,733916
927	35,8349092	45,1718969	81,2267796	124,35404	209,025693	291,620646	319,827553
928	35,8832672	45,2294351	81,3068629	124,438346	209,099881	291,708647	319,921116
929	35,9316383	45,2869846	81,3869388	124,522619	209,174016	291,796579	320,014606
930	35,9800225	45,3445453	81,4670074	124,606858	209,248098	291,884444	320,108023
931	36,0284198	45,4021172	81,5470688	124,691063	209,322126	291,972241	320,201366
932	36,0768302	45,4597004	81,6271228	124,775235	209,396101	292,059971	320,294637
933	36,1252537	45,5172948	81,7071695	124,859374	209,470023	292,147632	320,387835
934	36,1736903	45,5749005	81,7872089	124,943479	209,543892	292,235226	320,480961
935	36,2221399	45,6325173	81,8672411	125,027551	209,617708	292,322753	320,574013
936	36,2706026	45,6901454	81,947266	125,11159	209,691471	292,410212	320,666994
937	36,3190783	45,7477846	82,0272836	125,195595	209,765181	292,497604	320,759902
938	36,3675671	45,805435	82,1072939	125,279567	209,838839	292,584929	320,852738
939	36,4160689	45,8630966	82,1872971	125,363507	209,912444	292,672187	320,945502
940	36,4645837	45,9207694	82,267293	125,447412	209,985996	292,759379	321,038195
941	36,5131115	45,9784533	82,3472816	125,531285	210,059496	292,846503	321,130815
942	36,5616523	46,0361483	82,4272631	125,615125	210,132944	292,933561	321,223364
943	36,610206	46,0938545	82,5072373	125,698932	210,20634	293,020553	321,315841
944	36,6587728	46,1515718	82,5872043	125,782706	210,279683	293,107478	321,408248
945	36,7073525	46,2093002	82,6671642	125,866447	210,352975	293,194338	321,500582
946	36,7559451	46,2670398	82,7471168	125,950156	210,426214	293,281131	321,592846
947	36,8045507	46,3247904	82,8270623	126,033831	210,499402	293,367858	321,685039
948	36,8531692	46,3825521	82,9070006	126,117474	210,572538	293,454519	321,777161
949	36,9018006	46,4403248	82,9869317	126,201084	210,645622	293,541115	321,869213
950	36,950445	46,4981087	83,0668557	126,284662	210,718655	293,627645	321,961194
951	36,9991022	46,5559036	83,1467725	126,368207	210,791637	293,71411	322,053104
952	37,0477724	46,6137095	83,2266822	126,451719	210,864566	293,800509	322,144944
953	37,0964554	46,6715265	83,3065848	126,535199	210,937445	293,886843	322,236714
954	37,1451512	46,7293545	83,3864803	126,618647	211,010272	293,973112	322,328414
955	37,19386	46,7871935	83,4663686	126,702062	211,083049	294,059315	322,420044
956	37,2425815	46,8450435	83,5462498	126,785445	211,155774	294,145454	322,511604
957	37,291316	46,9029046	83,626124	126,868795	211,228448	294,231529	322,603095
958	37,3400632	46,9607766	83,705991	126,952114	211,301072	294,317538	322,694516
959	37,3888233	47,0186596	83,785851	127,0354	211,373644	294,403483	322,785868
960	37,4375962	47,0765536	83,8657039	127,118654	211,446167	294,489364	322,877115
961	37,4863818	47,1344585	83,9455497	127,201876	211,518638	294,57518	322,968363

962	37,5351803	47,1923744	84,0253885	127,285065	211,591059	294,660932	323,059507
963	37,5839915	47,2503012	84,1052202	127,368223	211,66343	294,74662	323,150582
964	37,6328155	47,3082389	84,1850449	127,451349	211,73575	294,832244	323,241589
965	37,6816523	47,3661876	84,2648626	127,534443	211,80802	294,917804	323,332527
966	37,7305018	47,4241472	84,3446732	127,617505	211,88024	295,003301	323,423396
967	37,7793641	47,4821177	84,4244768	127,700535	211,952409	295,088734	323,514197
968	37,828239	47,5400991	84,5042734	127,783533	212,024529	295,174103	323,604929
969	37,8771267	47,5980914	84,584063	127,8665	212,096599	295,259409	323,695593
970	37,9260271	47,6560946	84,6638457	127,949434	212,168619	295,344652	323,78619
971	37,9749402	47,7141086	84,7436213	128,032338	212,24059	295,429831	323,876718
972	38,023866	47,7721335	84,8233899	128,115209	212,312511	295,514948	323,967178
973	38,0728045	47,8301692	84,9031516	128,198049	212,384382	295,600001	324,057571
974	38,1217557	47,8882158	84,9829063	128,280858	212,456204	295,684992	324,147896
975	38,1707195	47,9462732	85,0626541	128,363635	212,527976	295,76992	324,238154
976	38,2196959	48,0043415	85,1423949	128,44638	212,599699	295,854785	324,328345
977	38,268685	48,0624205	85,2221288	128,529094	212,671373	295,939588	324,418468
978	38,3176868	48,1205104	85,3018557	128,611777	212,742998	296,024328	324,508524
979	38,3667011	48,1786111	85,3815757	128,694429	212,814574	296,109006	324,598513
980	38,4157281	48,2367225	85,4612888	128,777049	212,886101	296,193622	324,688435
981	38,4647676	48,2948447	85,540995	128,859638	212,957578	296,278176	324,778291
982	38,5138198	48,3529777	85,6206943	128,942196	213,029008	296,362668	324,86808
983	38,5628845	48,4111215	85,7003867	129,024723	213,100388	296,447098	324,957802
984	38,6119619	48,469276	85,7800722	129,107218	213,17172	296,531466	325,047458
985	38,6610517	48,5274412	85,8597509	129,189683	213,243003	296,615773	325,137048
986	38,7101542	48,5856172	85,9394226	129,272117	213,314238	296,700018	325,226571
987	38,7592691	48,6438039	86,0190875	129,354519	213,385424	296,784202	325,316029
988	38,8083967	48,7020013	86,0987456	129,436891	213,456563	296,868324	325,40542
989	38,8575367	48,7602094	86,1783968	129,519232	213,527652	296,952385	325,494746
990	38,9066893	48,8184283	86,2580411	129,601542	213,598694	297,036386	325,584006
991	38,9558543	48,8766578	86,3376787	129,683821	213,669688	297,120325	325,673201
992	39,0050319	48,934898	86,4173094	129,76607	213,740634	297,204203	325,76233
993	39,0542219	48,9931488	86,4969333	129,848287	213,811532	297,28802	325,851393
994	39,1034245	49,0514104	86,5765503	129,930475	213,882382	297,371777	325,940392
995	39,1526395	49,1096825	86,6561606	130,012631	213,953184	297,455473	326,029325
996	39,2018669	49,1679654	86,7357641	130,094757	214,023939	297,539109	326,118193
997	39,2511068	49,2262588	86,8153608	130,176853	214,094646	297,622684	326,206997
998	39,3003592	49,2845629	86,8949507	130,258917	214,165306	297,706199	326,295735
999	39,349624	49,3428776	86,9745338	130,340952	214,235918	297,789654	326,384409
1000	39,3989012	49,401203	87,0541102	130,422956	214,306483	297,873049	326,473019
1001	39,4481908	49,4595389	87,1336798	130,50493	214,377	297,956384	326,561563
1002	39,4974928	49,5178854	87,2132426	130,586873	214,447471	298,039659	326,650044
1003	39,5468072	49,5762425	87,2927988	130,668786	214,517894	298,122875	326,73846
1004	39,596134	49,6346102	87,3723481	130,750669	214,588271	298,20603	326,826812
1005	39,6454732	49,6929884	87,4518908	130,832522	214,6586	298,289126	326,915101
1006	39,6948248	49,7513772	87,5314267	130,914344	214,728883	298,372163	327,003325
1007	39,7441887	49,8097766	87,6109559	130,996137	214,799119	298,455141	327,091485

1008	39,7935649	49,8681865	87,6904784	131,077899	214,869308	298,538059	327,179582
1009	39,8429535	49,9266069	87,7699942	131,159631	214,93945	298,620918	327,267615
1010	39,8923545	49,9850378	87,8495033	131,241333	215,009546	298,703718	327,355585
1011	39,9417677	50,0434793	87,9290057	131,323006	215,079595	298,786459	327,443491
1012	39,9911933	50,1019313	88,0085015	131,404648	215,149599	298,869141	327,531334
1013	40,0406311	50,1603937	88,0879906	131,486261	215,219555	298,951764	327,619114
1014	40,0900813	50,2188667	88,167473	131,567843	215,289466	299,034329	327,706831
1015	40,1395437	50,2773501	88,2469487	131,649396	215,35933	299,116836	327,794485
1016	40,1890185	50,3358441	88,3264178	131,73092	215,429148	299,199283	327,882077
1017	40,2385055	50,3943484	88,4058803	131,812413	215,49892	299,281673	327,969605
1018	40,2880047	50,4528633	88,4853361	131,893877	215,568647	299,364004	328,057071
1019	40,3375162	50,5113886	88,5647853	131,975311	215,638327	299,446277	328,144474
1020	40,3870399	50,5699243	88,6442278	132,056715	215,707962	299,528492	328,231815
1021	40,4365759	50,6284705	88,7236638	132,13809	215,777551	299,61065	328,319094
1022	40,4861241	50,687027	88,8030931	132,219436	215,847094	299,692749	328,40631
1023	40,5356845	50,745594	88,8825159	132,300752	215,916592	299,774791	328,493465
1024	40,5852571	50,8041714	88,961932	132,382038	215,986044	299,856774	328,580557
1025	40,6348419	50,8627592	89,0413416	132,463296	216,055451	299,938701	328,667588
1026	40,6844389	50,9213574	89,1207446	132,544523	216,124812	300,02057	328,754557
1027	40,7340481	50,979966	89,200141	132,625722	216,194128	300,102381	328,841464
1028	40,7836694	51,038585	89,2795308	132,706891	216,263399	300,184135	328,928309
1029	40,8333029	51,0972143	89,3589141	132,788031	216,332625	300,265833	329,015094
1030	40,8829485	51,1558539	89,4382908	132,869142	216,401806	300,347473	329,101816
1031	40,9326063	51,214504	89,517661	132,950224	216,470942	300,429056	329,188478
1032	40,9822763	51,2731643	89,5970246	133,031276	216,540033	300,510582	329,275078
1033	41,0319583	51,331835	89,6763818	133,112299	216,609079	300,592051	329,361618
1034	41,0816525	51,390516	89,7557323	133,193294	216,67808	300,673464	329,448096
1035	41,1313587	51,4492073	89,8350764	133,274259	216,747037	300,75482	329,534514
1036	41,1810771	51,507909	89,914414	133,355196	216,815949	300,836119	329,62087
1037	41,2308076	51,5666209	89,993745	133,436103	216,884816	300,917362	329,707167
1038	41,2805501	51,6253432	90,0730696	133,516982	216,953639	300,998549	329,793402
1039	41,3303047	51,6840757	90,1523876	133,597831	217,022418	301,07968	329,879577
1040	41,3800714	51,7428185	90,2316992	133,678652	217,091152	301,160754	329,965692
1041	41,4298502	51,8015715	90,3110043	133,759444	217,159842	301,241773	330,051747
1042	41,4796409	51,8603348	90,390303	133,840208	217,228488	301,322735	330,137741
1043	41,5294437	51,9191084	90,4695951	133,920942	217,29709	301,403642	330,223676
1044	41,5792586	51,9778922	90,5488808	134,001648	217,365647	301,484492	330,30955
1045	41,6290855	52,0366862	90,6281601	134,082326	217,434161	301,565288	330,395365
1046	41,6789243	52,0954905	90,7074329	134,162975	217,502631	301,646027	330,48112
1047	41,7287752	52,154305	90,7866993	134,243595	217,571057	301,726711	330,566815
1048	41,7786381	52,2131297	90,8659592	134,324187	217,639439	301,80734	330,652451
1049	41,828513	52,2719646	90,9452128	134,40475	217,707777	301,887913	330,738028
1050	41,8783998	52,3308097	91,0244599	134,485285	217,776072	301,968431	330,823545
1051	41,9282986	52,389665	91,1037006	134,565791	217,844324	302,048894	330,909002
1052	41,9782094	52,4485305	91,1829349	134,646269	217,912531	302,129302	330,994401
1053	42,0281321	52,5074061	91,2621628	134,726719	217,980696	302,209655	331,07974

1054	42,0780668	52,5662919	91,3413843	134,80714	218,048817	302,289953	331,165021
1055	42,1280134	52,6251879	91,4205994	134,887534	218,116895	302,370197	331,250243
1056	42,1779719	52,684094	91,4998081	134,967898	218,184929	302,450385	331,335406
1057	42,2279424	52,7430102	91,5790105	135,048235	218,252921	302,53052	331,42051
1058	42,2779247	52,8019366	91,6582065	135,128544	218,320869	302,610599	331,505556
1059	42,327919	52,8608731	91,7373962	135,208824	218,388774	302,690624	331,590543
1060	42,3779251	52,9198197	91,8165795	135,289077	218,456637	302,770595	331,675472
1061	42,4279432	52,9787764	91,8957564	135,369301	218,524456	302,850512	331,760342
1062	42,4779731	53,0377433	91,974927	135,449498	218,592233	302,930374	331,845155
1063	42,5280149	53,0967202	92,0540913	135,529666	218,659967	303,010183	331,929909
1064	42,5780685	53,1557072	92,1332493	135,609807	218,727658	303,089937	332,014605
1065	42,628134	53,2147043	92,2124009	135,689919	218,795307	303,169638	332,099244
1066	42,6782114	53,2737114	92,2915462	135,770004	218,862913	303,249284	332,183824
1067	42,7283005	53,3327286	92,3706853	135,850061	218,930477	303,328877	332,268347
1068	42,7784015	53,3917559	92,449818	135,93009	218,997998	303,408417	332,352812
1069	42,8285143	53,4507932	92,5289444	136,010092	219,065477	303,487903	332,43722
1070	42,878639	53,5098406	92,6080645	136,090065	219,132914	303,567335	332,52157
1071	42,9287754	53,568898	92,6871784	136,170011	219,200308	303,646714	332,605863
1072	42,9789236	53,6279654	92,766286	136,24993	219,267661	303,72604	332,690098
1073	43,0290836	53,6870428	92,8453873	136,32982	219,334971	303,805312	332,774277
1074	43,0792554	53,7461302	92,9244823	136,409684	219,402239	303,884532	332,858398
1075	43,129439	53,8052277	93,0035711	136,489519	219,469465	303,963698	332,942463
1076	43,1796343	53,8643351	93,0826537	136,569327	219,53665	304,042812	333,02647
1077	43,2298413	53,9234525	93,16173	136,649108	219,603792	304,121872	333,110421
1078	43,2800601	53,9825799	93,2408001	136,728861	219,670893	304,20088	333,194315
1079	43,3302907	54,0417173	93,3198639	136,808587	219,737952	304,279835	333,278152
1080	43,380533	54,1008646	93,3989215	136,888286	219,80497	304,358738	333,361933
1081	43,430787	54,1600219	93,4779729	136,967957	219,871946	304,437588	333,445658
1082	43,4810527	54,2191891	93,5570181	137,047601	219,938881	304,516385	333,529326
1083	43,5313301	54,2783663	93,6360571	137,127217	220,005774	304,59513	333,612937
1084	43,5816192	54,3375534	93,7150899	137,206807	220,072625	304,673823	333,696493
1085	43,63192	54,3967504	93,7941165	137,286369	220,139436	304,752464	333,779993
1086	43,6822324	54,4559574	93,8731369	137,365904	220,206205	304,831052	333,863436
1087	43,7325566	54,5151742	93,9521511	137,445412	220,272933	304,909589	333,946824
1088	43,7828924	54,574401	94,0311591	137,524893	220,33962	304,988074	334,030156
1089	43,8332399	54,6336376	94,110161	137,604346	220,406266	305,066506	334,113432
1090	43,883599	54,6928842	94,1891567	137,683773	220,472871	305,144887	334,196653
1091	43,9339697	54,7521406	94,2681463	137,763173	220,539435	305,223217	334,279818
1092	43,9843521	54,8114069	94,3471297	137,842546	220,605958	305,301494	334,362927
1093	44,0347461	54,8706831	94,426107	137,921892	220,67244	305,379721	334,445981
1094	44,0851517	54,9299691	94,5050781	138,001211	220,738881	305,457895	334,52898
1095	44,135569	54,989265	94,5840431	138,080503	220,805282	305,536019	334,611924
1096	44,1859978	55,0485707	94,663002	138,159768	220,871643	305,614091	334,694812
1097	44,2364382	55,1078862	94,7419547	138,239007	220,937962	305,692111	334,777646
1098	44,2868902	55,1672116	94,8209014	138,318219	221,004242	305,770081	334,860425
1099	44,3373538	55,2265468	94,8998419	138,397404	221,07048	305,848	334,943148

1100	44,3878289	55,2858918	94,9787763	138,476562	221,136679	305,925867	335,025817
1101	44,4383156	55,3452467	95,0577047	138,555694	221,202837	306,003684	335,108432
1102	44,4888139	55,4046113	95,1366269	138,634799	221,268955	306,08145	335,190992
1103	44,5393237	55,4639857	95,2155431	138,713878	221,335033	306,159165	335,273497
1104	44,5898451	55,5233699	95,2944531	138,79293	221,40107	306,23683	335,355948
1105	44,6403779	55,5827639	95,3733572	138,871955	221,467068	306,314444	335,438344
1106	44,6909223	55,6421676	95,4522551	138,950954	221,533025	306,392007	335,520686
1107	44,7414782	55,7015812	95,531147	139,029927	221,598943	306,46952	335,602974
1108	44,7920456	55,7610044	95,6100328	139,108873	221,664821	306,546983	335,685208
1109	44,8426245	55,8204375	95,6889126	139,187793	221,730659	306,624395	335,767388
1110	44,8932149	55,8798802	95,7677864	139,266686	221,796457	306,701757	335,849515
1111	44,9438168	55,9393327	95,8466541	139,345553	221,862215	306,779069	335,931587
1112	44,9944302	55,998795	95,9255158	139,424394	221,927934	306,856332	336,013605
1113	45,045055	56,0582669	96,0043714	139,503208	221,993613	306,933544	336,09557
1114	45,0956913	56,1177486	96,0832211	139,581997	222,059253	307,010706	336,177482
1115	45,146339	56,1772399	96,1620647	139,660759	222,124853	307,087818	336,259339
1116	45,1969982	56,236741	96,2409023	139,739495	222,190414	307,164881	336,341144
1117	45,2476688	56,2962518	96,3197339	139,818205	222,255936	307,241894	336,422895
1118	45,2983509	56,3557722	96,3985595	139,896888	222,321418	307,318858	336,504593
1119	45,3490443	56,4153023	96,4773792	139,975546	222,386861	307,395772	336,586237
1120	45,3997492	56,4748421	96,5561928	140,054178	222,452265	307,472636	336,667829
1121	45,4504655	56,5343916	96,6350005	140,132783	222,517629	307,549452	336,749367
1122	45,5011932	56,5939507	96,7138022	140,211363	222,582955	307,626218	336,830853
1123	45,5519323	56,6535195	96,7925979	140,289917	222,648242	307,702934	336,912286
1124	45,6026827	56,7130979	96,8713877	140,368445	222,713489	307,779602	336,993666
1125	45,6534445	56,7726859	96,9501715	140,446947	222,778698	307,856221	337,074993
1126	45,7042177	56,8322836	97,0289494	140,525423	222,843868	307,93279	337,156268
1127	45,7550023	56,8918909	97,1077213	140,603873	222,909	308,009311	337,23749
1128	45,8057982	56,9515078	97,1864873	140,682297	222,974092	308,085783	337,31866
1129	45,8566055	57,0111343	97,2652474	140,760696	223,039146	308,162206	337,399778
1130	45,9074241	57,0707704	97,3440015	140,839069	223,104162	308,238581	337,480843
1131	45,958254	57,1304161	97,4227498	140,917417	223,169138	308,314907	337,561856
1132	46,0090952	57,1900714	97,5014921	140,995738	223,234077	308,391184	337,642817
1133	46,0599478	57,2497363	97,5802285	141,074034	223,298977	308,467413	337,723726
1134	46,1108117	57,3094107	97,6589589	141,152305	223,363838	308,543594	337,804583
1135	46,1616869	57,3690948	97,7376835	141,23055	223,428661	308,619726	337,885388
1136	46,2125733	57,4287883	97,8164022	141,308769	223,493446	308,69581	337,966141
1137	46,2634711	57,4884915	97,8951151	141,386963	223,558193	308,771846	338,046842
1138	46,3143801	57,5482041	97,973822	141,465132	223,622902	308,847834	338,127492
1139	46,3653004	57,6079264	98,052523	141,543275	223,687573	308,923774	338,208091
1140	46,416232	57,6676581	98,1312182	141,621392	223,752205	308,999666	338,288638
1141	46,4671748	57,7273994	98,2099076	141,699484	223,8168	309,07551	338,369133
1142	46,5181288	57,7871502	98,288591	141,777551	223,881356	309,151306	338,449577
1143	46,5690942	57,8469105	98,3672686	141,855593	223,945875	309,227055	338,52997
1144	46,6200707	57,9066803	98,4459404	141,933609	224,010356	309,302756	338,610312
1145	46,6710585	57,9664596	98,5246063	142,0116	224,074799	309,378409	338,690602

1146	46,7220575	58,0262484	98,6032664	142,089566	224,139205	309,454015	338,770842
1147	46,7730677	58,0860466	98,6819207	142,167506	224,203573	309,529573	338,851031
1148	46,8240891	58,1458544	98,7605691	142,245422	224,267903	309,605084	338,931168
1149	46,8751217	58,2056716	98,8392117	142,323312	224,332196	309,680548	339,011255
1150	46,9261654	58,2654983	98,9178485	142,401177	224,396452	309,755964	339,091292
1151	46,9772204	58,3253345	98,9964795	142,479017	224,460669	309,831334	339,171277
1152	47,0282866	58,3851801	99,0751047	142,556832	224,52485	309,906656	339,251212
1153	47,0793639	58,4450351	99,1537241	142,634622	224,588993	309,981931	339,331097
1154	47,1304524	58,5048996	99,2323377	142,712388	224,653099	310,057159	339,410931
1155	47,181552	58,5647735	99,3109455	142,790128	224,717168	310,132341	339,490715
1156	47,2326628	58,6246568	99,3895476	142,867843	224,7812	310,207475	339,570449
1157	47,2837847	58,6845496	99,4681438	142,945533	224,845194	310,282563	339,650132
1158	47,3349177	58,7444517	99,5467343	143,023198	224,909152	310,357605	339,729765
1159	47,3860619	58,8043633	99,625319	143,100839	224,973072	310,432599	339,809349
1160	47,4372172	58,8642843	99,703898	143,178455	225,036956	310,507547	339,888882
1161	47,4883836	58,9242146	99,7824712	143,256046	225,100802	310,582449	339,968365
1162	47,5395611	58,9841543	99,8610387	143,333612	225,164612	310,657304	340,047799
1163	47,5907497	59,0441035	99,9396004	143,411153	225,228385	310,732113	340,127183
1164	47,6419494	59,1040619	100,018156	143,48867	225,292122	310,806876	340,206517
1165	47,6931602	59,1640298	100,096707	143,566162	225,355821	310,881592	340,285802
1166	47,744382	59,224007	100,175251	143,64363	225,419484	310,956263	340,365037
1167	47,795615	59,2839936	100,25379	143,721073	225,483111	311,030887	340,444223
1168	47,8468589	59,3439895	100,332323	143,798491	225,546701	311,105466	340,523359
1169	47,898114	59,4039947	100,41085	143,875885	225,610254	311,179998	340,602446
1170	47,94938	59,4640093	100,489372	143,953254	225,673771	311,254485	340,681484
1171	48,0006572	59,5240332	100,567888	144,030599	225,737252	311,328925	340,760472
1172	48,0519453	59,5840664	100,646398	144,107919	225,800697	311,403321	340,839412
1173	48,1032445	59,6441089	100,724903	144,185215	225,864105	311,47767	340,918303
1174	48,1545547	59,7041607	100,803402	144,262486	225,927477	311,551974	340,997144
1175	48,2058759	59,7642219	100,881895	144,339733	225,990813	311,626232	341,075937
1176	48,2572081	59,8242923	100,960382	144,416956	226,054112	311,700445	341,154681
1177	48,3085513	59,884372	101,038864	144,494155	226,117376	311,774613	341,233376
1178	48,3599055	59,944461	101,11734	144,571329	226,180604	311,848735	341,312023
1179	48,4112707	60,0045593	101,195811	144,648479	226,243795	311,922812	341,390621
1180	48,4626468	60,0646668	101,274276	144,725604	226,306951	311,996844	341,469171
1181	48,514034	60,1247836	101,352735	144,802706	226,370071	312,070831	341,547672
1182	48,5654321	60,1849096	101,431189	144,879783	226,433155	312,144773	341,626124
1183	48,6168411	60,2450449	101,509637	144,956836	226,496204	312,21867	341,704529
1184	48,6682611	60,3051894	101,588079	145,033865	226,559217	312,292521	341,782885
1185	48,719692	60,3653432	101,666516	145,11087	226,622194	312,366328	341,861193
1186	48,7711339	60,4255062	101,744947	145,187851	226,685135	312,440091	341,939453
1187	48,8225867	60,4856784	101,823372	145,264807	226,748041	312,513808	342,017665
1188	48,8740504	60,5458599	101,901792	145,34174	226,810912	312,587481	342,095829
1189	48,9255251	60,6060505	101,980206	145,418649	226,873747	312,661109	342,173945
1190	48,9770106	60,6662503	102,058615	145,495534	226,936546	312,734693	342,252014
1191	49,0285071	60,7264594	102,137018	145,572395	226,99931	312,808232	342,330035

1192	49,0800144	60,7866776	102,215415	145,649232	227,062039	312,881727	342,408008
1193	49,1315326	60,846905	102,293807	145,726045	227,124733	312,955177	342,485933
1194	49,1830617	60,9071416	102,372194	145,802834	227,187392	313,028584	342,563811
1195	49,2346017	60,9673874	102,450574	145,879599	227,250015	313,101946	342,641641
1196	49,2861525	61,0276423	102,528949	145,956341	227,312603	313,175264	342,719424
1197	49,3377142	61,0879064	102,607319	146,033059	227,375157	313,248537	342,79716
1198	49,3892868	61,1481797	102,685683	146,109753	227,437675	313,321767	342,874848
1199	49,4408702	61,2084621	102,764041	146,186423	227,500158	313,394953	342,95249
1200	49,4924644	61,2687536	102,842394	146,26307	227,562607	313,468095	343,030084
1201	49,5440695	61,3290542	102,920742	146,339693	227,62502	313,541193	343,107631
1202	49,5956854	61,389364	102,999083	146,416293	227,687399	313,614247	343,185131
1203	49,6473121	61,4496829	103,07742	146,492869	227,749743	313,687258	343,262584
1204	49,6989497	61,510011	103,15575	146,569421	227,812052	313,760225	343,339991
1205	49,750598	61,5703481	103,234076	146,64595	227,874327	313,833149	343,41735
1206	49,8022571	61,6306944	103,312395	146,722455	227,936567	313,906029	343,494663
1207	49,8539271	61,6910497	103,390709	146,798937	227,998772	313,978865	343,57193
1208	49,9056078	61,7514141	103,469018	146,875395	228,060943	314,051658	343,649149
1209	49,9572993	61,8117876	103,547321	146,95183	228,123079	314,124408	343,726322
1210	50,0090015	61,8721702	103,625619	147,028241	228,185181	314,197114	343,803449
1211	50,0607146	61,9325619	103,703911	147,104629	228,247249	314,269778	343,880529
1212	50,1124384	61,9929626	103,782198	147,180994	228,309282	314,342398	343,957563
1213	50,1641729	62,0533724	103,860479	147,257335	228,371281	314,414975	344,034551
1214	50,2159182	62,1137912	103,938755	147,333653	228,433246	314,487509	344,111493
1215	50,2676742	62,1742191	104,017025	147,409948	228,495177	314,56	344,188388
1216	50,319441	62,2346561	104,095289	147,486219	228,557073	314,632448	344,265238
1217	50,3712185	62,295102	104,173549	147,562467	228,618936	314,704854	344,342041
1218	50,4230067	62,355557	104,251803	147,638692	228,680764	314,777216	344,418799
1219	50,4748056	62,4160211	104,330051	147,714894	228,742558	314,849536	344,49551
1220	50,5266152	62,4764941	104,408294	147,791073	228,804319	314,921813	344,572176
1221	50,5784356	62,5369761	104,486531	147,867229	228,866045	314,994048	344,648797
1222	50,6302666	62,5974672	104,564763	147,943361	228,927738	315,06624	344,725371
1223	50,6821083	62,6579672	104,64299	148,01947	228,989396	315,138389	344,8019
1224	50,7339607	62,7184763	104,721211	148,095557	229,051021	315,210496	344,878383
1225	50,7858237	62,7789943	104,799427	148,17162	229,112613	315,282561	344,954821
1226	50,8376974	62,8395213	104,877637	148,24766	229,17417	315,354584	345,031214
1227	50,8895818	62,9000573	104,955842	148,323678	229,235694	315,426564	345,107561
1228	50,9414769	62,9606023	105,034041	148,399672	229,297185	315,498502	345,183863
1229	50,9933826	63,0211562	105,112235	148,475644	229,358642	315,570398	345,26012
1230	51,0452989	63,0817191	105,190424	148,551592	229,420065	315,642252	345,336331
1231	51,0972258	63,1422909	105,268607	148,627518	229,481455	315,714064	345,412498
1232	51,1491634	63,2028717	105,346785	148,703421	229,542812	315,785834	345,488619
1233	51,2011117	63,2634614	105,424957	148,779301	229,604135	315,857562	345,564696
1234	51,2530705	63,3240601	105,503124	148,855158	229,665425	315,929248	345,640727
1235	51,3050399	63,3846677	105,581286	148,930993	229,726681	316,000892	345,716714
1236	51,35702	63,4452842	105,659442	149,006804	229,787905	316,072495	345,792656
1237	51,4090106	63,5059096	105,737593	149,082593	229,849095	316,144056	345,868553

1238	51,4610118	63,5665439	105,815739	149,15836	229,910252	316,215575	345,944406
1239	51,5130236	63,6271871	105,893879	149,234103	229,971376	316,287053	346,020214
1240	51,565046	63,6878393	105,972014	149,309824	230,032467	316,35849	346,095978
1241	51,617079	63,7485003	106,050143	149,385523	230,093525	316,429885	346,171697
1242	51,6691225	63,8091702	106,128268	149,461199	230,15455	316,501238	346,247372
1243	51,7211766	63,869849	106,206386	149,536852	230,215542	316,572551	346,323002
1244	51,7732412	63,9305367	106,2845	149,612483	230,276501	316,643822	346,398588
1245	51,8253164	63,9912332	106,362608	149,688091	230,337427	316,715052	346,47413
1246	51,8774021	64,0519386	106,440711	149,763676	230,398321	316,78624	346,549628
1247	51,9294983	64,1126528	106,518808	149,83924	230,459182	316,857388	346,625081
1248	51,9816051	64,1733759	106,5969	149,914781	230,52001	316,928495	346,700491
1249	52,0337224	64,2341079	106,674987	149,990299	230,580806	316,99956	346,775857
1250	52,0858502	64,2948487	106,753069	150,065795	230,641568	317,070585	346,851178
1251	52,1379885	64,3555983	106,831145	150,141268	230,702299	317,141569	346,926456
1252	52,1901373	64,4163568	106,909216	150,21672	230,762997	317,212512	347,00169
1253	52,2422966	64,477124	106,987282	150,292149	230,823662	317,283414	347,076881
1254	52,2944664	64,5379001	107,065342	150,367555	230,884295	317,354276	347,152028
1255	52,3466467	64,598685	107,143397	150,44294	230,944896	317,425097	347,227131
1256	52,3988374	64,6594788	107,221447	150,518302	231,005464	317,495878	347,30219
1257	52,4510387	64,7202813	107,299491	150,593642	231,066	317,566617	347,377206
1258	52,5032504	64,7810926	107,37753	150,668959	231,126503	317,637317	347,452179
1259	52,5554725	64,8419127	107,455564	150,744255	231,186975	317,707976	347,527108
1260	52,6077051	64,9027415	107,533593	150,819528	231,247414	317,778595	347,601994
1261	52,6599481	64,9635792	107,611616	150,89478	231,307821	317,849173	347,676837
1262	52,7122016	65,0244256	107,689634	150,970009	231,368196	317,919711	347,751637
1263	52,7644655	65,0852808	107,767647	151,045216	231,428539	317,990209	347,826393
1264	52,8167399	65,1461447	107,845655	151,120401	231,488851	318,060667	347,901107
1265	52,8690246	65,2070175	107,923657	151,195564	231,54913	318,131085	347,975777
1266	52,9213198	65,2678989	108,001655	151,270705	231,609377	318,201462	348,050405
1267	52,9736254	65,3287891	108,079647	151,345824	231,669592	318,2718	348,124989
1268	53,0259414	65,389688	108,157633	151,420921	231,729775	318,342098	348,199531
1269	53,0782677	65,4505957	108,235615	151,495996	231,789927	318,412356	348,27403
1270	53,1306045	65,5115121	108,313591	151,571049	231,850047	318,482574	348,348486
1271	53,1829516	65,5724372	108,391562	151,64608	231,910135	318,552752	348,4229
1272	53,2353092	65,633371	108,469528	151,72109	231,970192	318,622891	348,49727
1273	53,2876771	65,6943135	108,547488	151,796077	232,030217	318,69299	348,571599
1274	53,3400553	65,7552648	108,625444	151,871043	232,09021	318,763049	348,645885
1275	53,392444	65,8162247	108,703394	151,945987	232,150172	318,833069	348,720128
1276	53,4448429	65,8771933	108,781339	152,020909	232,210102	318,90305	348,794329
1277	53,4972522	65,9381707	108,859279	152,09581	232,270001	318,972991	348,868488
1278	53,5496719	65,9991566	108,937214	152,170688	232,329868	319,042892	348,942605
1279	53,6021019	66,0601513	109,015143	152,245545	232,389704	319,112754	349,016679
1280	53,6545422	66,1211547	109,093067	152,320381	232,449509	319,182577	349,090711
1281	53,7069929	66,1821667	109,170986	152,395194	232,509282	319,252361	349,164702
1282	53,7594538	66,2431873	109,2489	152,469986	232,569025	319,322105	349,23865
1283	53,8119251	66,3042166	109,326809	152,544757	232,628735	319,391811	349,312556

1284	53,8644067	66,3652546	109,404713	152,619506	232,688415	319,461477	349,38642
1285	53,9168986	66,4263012	109,482611	152,694233	232,748064	319,531105	349,460242
1286	53,9694007	66,4873565	109,560505	152,768939	232,807681	319,600693	349,534023
1287	54,0219132	66,5484203	109,638393	152,843623	232,867268	319,670242	349,607762
1288	54,0744359	66,6094928	109,716276	152,918286	232,926823	319,739753	349,681459
1289	54,126969	66,670574	109,794154	152,992927	232,986348	319,809225	349,755114
1290	54,1795122	66,7316637	109,872027	153,067547	233,045841	319,878658	349,828728
1291	54,2320658	66,7927621	109,949894	153,142145	233,105304	319,948052	349,902301
1292	54,2846296	66,853869	110,027757	153,216722	233,164736	320,017408	349,975832
1293	54,3372036	66,9149846	110,105614	153,291278	233,224137	320,086725	350,049321
1294	54,3897879	66,9761087	110,183466	153,365812	233,283507	320,156004	350,122769
1295	54,4423825	67,0372414	110,261314	153,440325	233,342847	320,225244	350,196176
1296	54,4949872	67,0983827	110,339156	153,514817	233,402155	320,294445	350,269542
1297	54,5476022	67,1595326	110,416993	153,589287	233,461434	320,363608	350,342866
1298	54,6002274	67,2206911	110,494825	153,663736	233,520681	320,432733	350,416149
1299	54,6528629	67,2818581	110,572651	153,738164	233,579898	320,50182	350,489392
1300	54,7055085	67,3430337	110,650473	153,812571	233,639085	320,570868	350,562593
1301	54,7581644	67,4042179	110,72829	153,886956	233,698241	320,639878	350,635753
1302	54,8108304	67,4654106	110,806101	153,96132	233,757366	320,70885	350,708872
1303	54,8635066	67,5266118	110,883908	154,035663	233,816461	320,777784	350,781951
1304	54,9161931	67,5878216	110,961709	154,109985	233,875526	320,84668	350,854988
1305	54,9688897	67,6490399	111,039505	154,184286	233,93456	320,915538	350,927985
1306	55,0215964	67,7102667	111,117296	154,258566	233,993564	320,984358	351,000941
1307	55,0743134	67,7715021	111,195083	154,332824	234,052538	321,05314	351,073857
1308	55,1270405	67,832746	111,272864	154,407062	234,111482	321,121884	351,146732
1309	55,1797778	67,8939984	111,35064	154,481279	234,170395	321,19059	351,219566
1310	55,2325252	67,9552593	111,428411	154,555474	234,229278	321,259259	351,29236
1311	55,2852827	68,0165287	111,506177	154,629649	234,288131	321,32789	351,365113
1312	55,3380505	68,0778066	111,583938	154,703803	234,346954	321,396483	351,437826
1313	55,3908283	68,139093	111,661694	154,777935	234,405747	321,465039	351,510499
1314	55,4436163	68,2003879	111,739445	154,852047	234,46451	321,533557	351,583132
1315	55,4964143	68,2616912	111,81719	154,926138	234,523243	321,602037	351,655724
1316	55,5492225	68,3230031	111,894931	155,000208	234,581947	321,67048	351,728276
1317	55,6020409	68,3843234	111,972667	155,074257	234,64062	321,738886	351,800788
1318	55,6548693	68,4456522	112,050398	155,148286	234,699263	321,807255	351,87326
1319	55,7077078	68,5069894	112,128124	155,222293	234,757877	321,875586	351,945692
1320	55,7605564	68,5683351	112,205844	155,29628	234,816461	321,94388	352,018084
1321	55,8134151	68,6296892	112,28356	155,370246	234,875015	322,012136	352,090436
1322	55,8662839	68,6910518	112,361271	155,444191	234,933539	322,080356	352,162748
1323	55,9191627	68,7524228	112,438977	155,518116	234,992034	322,148538	352,23502
1324	55,9720517	68,8138023	112,516677	155,59202	235,050499	322,216684	352,307253
1325	56,0249507	68,8751902	112,594373	155,665903	235,108935	322,284792	352,379446
1326	56,0778597	68,9365865	112,672064	155,739766	235,167341	322,352863	352,451599
1327	56,1307788	68,9979912	112,74975	155,813608	235,225718	322,420898	352,523712
1328	56,183708	69,0594043	112,827431	155,887429	235,284065	322,488895	352,595787
1329	56,2366472	69,1208259	112,905107	155,96123	235,342382	322,556856	352,667821

1330	56,2895964	69,1822558	112,982778	156,03501	235,400671	322,62478	352,739816
1331	56,3425557	69,2436942	113,060444	156,108769	235,45893	322,692667	352,811772
1332	56,395525	69,3051409	113,138105	156,182508	235,517159	322,760518	352,883689
1333	56,4485043	69,366596	113,215761	156,256227	235,575359	322,828332	352,955566
1334	56,5014936	69,4280595	113,293412	156,329925	235,63353	322,896109	353,027404
1335	56,554493	69,4895314	113,371058	156,403603	235,691672	322,96385	353,099202
1336	56,6075023	69,5510117	113,448699	156,47726	235,749785	323,031555	353,170962
1337	56,6605216	69,6125003	113,526335	156,550897	235,807869	323,099222	353,242683
1338	56,713551	69,6739973	113,603967	156,624513	235,865923	323,166854	353,314364
1339	56,7665903	69,7355026	113,681593	156,698109	235,923948	323,234449	353,386007
1340	56,8196396	69,7970163	113,759215	156,771685	235,981945	323,302008	353,45761
1341	56,8726988	69,8585383	113,836831	156,84524	236,039912	323,369531	353,529175
1342	56,9257681	69,9200687	113,914443	156,918775	236,09785	323,437017	353,600701
1343	56,9788473	69,9816074	113,99205	156,992289	236,15576	323,504467	353,672188
1344	57,0319364	70,0431545	114,069652	157,065784	236,213641	323,571881	353,743636
1345	57,0850356	70,1047098	114,147248	157,139258	236,271492	323,639259	353,815046
1346	57,1381446	70,1662735	114,224841	157,212712	236,329315	323,706601	353,886417
1347	57,1912636	70,2278455	114,302428	157,286146	236,387109	323,773907	353,957749
1348	57,2443926	70,2894258	114,38001	157,359559	236,444875	323,841177	354,029043
1349	57,2975314	70,3510145	114,457587	157,432952	236,502612	323,908412	354,100299
1350	57,3506802	70,4126114	114,53516	157,506326	236,56032	323,97561	354,171515
1351	57,403839	70,4742166	114,612727	157,579679	236,617999	324,042773	354,242694
1352	57,4570076	70,5358301	114,69029	157,653011	236,67565	324,109899	354,313834
1353	57,5101861	70,5974519	114,767848	157,726324	236,733272	324,176991	354,384936
1354	57,5633746	70,659082	114,845401	157,799617	236,790866	324,244046	354,456
1355	57,6165729	70,7207203	114,922949	157,87289	236,848431	324,311066	354,527026
1356	57,6697812	70,782367	115,000492	157,946142	236,905968	324,37805	354,598013
1357	57,7229993	70,8440219	115,078031	158,019375	236,963476	324,444999	354,668962
1358	57,7762273	70,905685	115,155564	158,092588	237,020956	324,511912	354,739873
1359	57,8294652	70,9673564	115,233093	158,165781	237,078408	324,57879	354,810747
1360	57,8827129	71,0290361	115,310617	158,238953	237,135831	324,645632	354,881582
1361	57,9359705	71,090724	115,388136	158,312106	237,193226	324,71244	354,952379
1362	57,989238	71,1524201	115,46565	158,385239	237,250593	324,779211	355,023139
1363	58,0425154	71,2141245	115,543159	158,458352	237,307931	324,845948	355,093861
1364	58,0958025	71,2758371	115,620663	158,531445	237,365242	324,912649	355,164545
1365	58,1490996	71,3375579	115,698163	158,604519	237,422524	324,979315	355,235191
1366	58,2024064	71,399287	115,775658	158,677572	237,479778	325,045946	355,3058
1367	58,2557231	71,4610242	115,853148	158,750606	237,537004	325,112542	355,376371
1368	58,3090496	71,5227697	115,930633	158,82362	237,594202	325,179103	355,446904
1369	58,362386	71,5845234	116,008114	158,896614	237,651372	325,245629	355,5174
1370	58,4157322	71,6462853	116,085589	158,969588	237,708514	325,31212	355,587858
1371	58,4690881	71,7080554	116,16306	159,042543	237,765628	325,378576	355,658279
1372	58,5224539	71,7698337	116,240526	159,115478	237,822714	325,444998	355,728663
1373	58,5758295	71,8316201	116,317987	159,188393	237,879773	325,511384	355,799009
1374	58,6292149	71,8934148	116,395443	159,261289	237,936803	325,577736	355,869318
1375	58,68261	71,9552176	116,472895	159,334164	237,993806	325,644053	355,93959

1376	58,736015	72,0170286	116,550342	159,407021	238,050781	325,710335	356,009825
1377	58,7894297	72,0788477	116,627784	159,479857	238,107728	325,776583	356,080022
1378	58,8428542	72,1406751	116,705221	159,552674	238,164647	325,842796	356,150182
1379	58,8962885	72,2025105	116,782653	159,625472	238,221539	325,908974	356,220306
1380	58,9497325	72,2643542	116,860081	159,69825	238,278403	325,975118	356,290392
1381	59,0031863	72,326206	116,937504	159,771008	238,33524	326,041227	356,360441
1382	59,0566499	72,3880659	117,014922	159,843747	238,392049	326,107302	356,430454
1383	59,1101232	72,4499339	117,092336	159,916467	238,44883	326,173343	356,500429
1384	59,1636062	72,5118101	117,169744	159,989167	238,505584	326,239349	356,570368
1385	59,217099	72,5736945	117,247148	160,061847	238,562311	326,305321	356,64027
1386	59,2706015	72,6355869	117,324547	160,134508	238,61901	326,371259	356,710135
1387	59,3241137	72,6974875	117,401942	160,20715	238,675681	326,437163	356,779964
1388	59,3776357	72,7593962	117,479331	160,279772	238,732326	326,503032	356,849756
1389	59,4311674	72,821313	117,556716	160,352375	238,788943	326,568867	356,919511
1390	59,4847088	72,8832378	117,634097	160,424958	238,845532	326,634669	356,98923
1391	59,5382599	72,9451708	117,711472	160,497522	238,902094	326,700436	357,058912
1392	59,5918206	73,0071119	117,788843	160,570067	238,95863	326,766169	357,128558
1393	59,6453911	73,0690611	117,866209	160,642593	239,015138	326,831868	357,198168
1394	59,6989713	73,1310184	117,94357	160,715099	239,071618	326,897533	357,267741
1395	59,7525612	73,1929837	118,020927	160,787586	239,128072	326,963165	357,337277
1396	59,8061607	73,2549572	118,098279	160,860053	239,184498	327,028762	357,406778
1397	59,8597699	73,3169387	118,175626	160,932502	239,240898	327,094326	357,476242
1398	59,9133888	73,3789282	118,252968	161,004931	239,29727	327,159856	357,54567
1399	59,9670174	73,4409258	118,330306	161,077341	239,353615	327,225352	357,615062
1400	60,0206556	73,5029315	118,407639	161,149732	239,409934	327,290815	357,684418
1401	60,0743034	73,5649453	118,484967	161,222104	239,466225	327,356244	357,753738
1402	60,1279609	73,626967	118,562291	161,294456	239,52249	327,421639	357,823021
1403	60,1816281	73,6889969	118,63961	161,36679	239,578727	327,487001	357,892269
1404	60,2353049	73,7510347	118,716924	161,439104	239,634938	327,552329	357,961481
1405	60,2889913	73,8130806	118,794234	161,5114	239,691122	327,617624	358,030657
1406	60,3426874	73,8751345	118,871539	161,583676	239,747279	327,682886	358,099797
1407	60,3963931	73,9371965	118,948839	161,655933	239,80341	327,748114	358,168902
1408	60,4501084	73,9992665	119,026135	161,728171	239,859513	327,813309	358,23797
1409	60,5038333	74,0613445	119,103426	161,800391	239,91559	327,87847	358,307003
1410	60,5575678	74,1234305	119,180712	161,872591	239,971641	327,943598	358,376001
1411	60,6113119	74,1855245	119,257994	161,944772	240,027664	328,008693	358,444962
1412	60,6650656	74,2476265	119,335271	162,016934	240,083661	328,073755	358,513888
1413	60,7188289	74,3097365	119,412543	162,089078	240,139632	328,138784	358,582779
1414	60,7726018	74,3718545	119,489811	162,161202	240,195576	328,203779	358,651634
1415	60,8263843	74,4339804	119,567074	162,233308	240,251493	328,268742	358,720454
1416	60,8801764	74,4961144	119,644332	162,305394	240,307384	328,333671	358,789238
1417	60,933978	74,5582563	119,721586	162,377462	240,363249	328,398568	358,857987
1418	60,9877892	74,6204062	119,798835	162,449511	240,419087	328,463431	358,926701
1419	61,04161	74,6825641	119,87608	162,521541	240,474899	328,528262	358,995379
1420	61,0954403	74,74473	119,95332	162,593553	240,530685	328,59306	359,064022
1421	61,1492802	74,8069038	120,030555	162,665545	240,586444	328,657825	359,13263

1422	61,2031296	74,8690855	120,107785	162,737519	240,642177	328,722557	359,201203
1423	61,2569885	74,9312753	120,185012	162,809474	240,697883	328,787257	359,269741
1424	61,310857	74,9934729	120,262233	162,88141	240,753563	328,851923	359,338244
1425	61,3647351	75,0556785	120,33945	162,953328	240,809218	328,916557	359,406711
1426	61,4186226	75,1178921	120,416662	163,025227	240,864846	328,981159	359,475144
1427	61,4725197	75,1801135	120,49387	163,097107	240,920448	329,045728	359,543542
1428	61,5264263	75,2423429	120,571073	163,168969	240,976023	329,110264	359,611905
1429	61,5803424	75,3045802	120,648271	163,240811	241,031573	329,174768	359,680233
1430	61,634268	75,3668255	120,725465	163,312636	241,087097	329,23924	359,748526
1431	61,6882031	75,4290786	120,802654	163,384441	241,142594	329,303679	359,816785
1432	61,7421477	75,4913397	120,879839	163,456229	241,198066	329,368085	359,885009
1433	61,7961018	75,5536087	120,957019	163,527997	241,253512	329,432459	359,953198
1434	61,8500654	75,6158855	121,034194	163,599747	241,308932	329,496801	360,021352
1435	61,9040385	75,6781703	121,111365	163,671479	241,364326	329,561111	360,089472
1436	61,9580211	75,740463	121,188532	163,743192	241,419694	329,625389	360,157558
1437	62,0120131	75,8027635	121,265693	163,814886	241,475036	329,689634	360,225609
1438	62,0660146	75,8650719	121,342851	163,886562	241,530352	329,753847	360,293625
1439	62,1200255	75,9273882	121,420003	163,958219	241,585643	329,818028	360,361607
1440	62,174046	75,9897124	121,497152	164,029858	241,640908	329,882177	360,429555
1441	62,2280758	76,0520445	121,574295	164,101479	241,696147	329,946294	360,497468
1442	62,2821151	76,1143844	121,651434	164,173081	241,751361	330,010379	360,565347
1443	62,3361639	76,1767321	121,728569	164,244665	241,806549	330,074432	360,633192
1444	62,3902221	76,2390878	121,805699	164,316231	241,861711	330,138453	360,701002
1445	62,4442897	76,3014513	121,882824	164,387778	241,916847	330,202442	360,768779
1446	62,4983668	76,3638226	121,959945	164,459306	241,971959	330,266399	360,836521
1447	62,5524533	76,4262018	122,037061	164,530817	242,027044	330,330325	360,904229
1448	62,6065492	76,4885888	122,114173	164,602309	242,082104	330,394218	360,971903
1449	62,6606545	76,5509836	122,19128	164,673783	242,137139	330,45808	361,039543
1450	62,7147692	76,6133863	122,268383	164,745238	242,192148	330,52191	361,107149
1451	62,7688933	76,6757968	122,345481	164,816676	242,247132	330,585709	361,174721
1452	62,8230268	76,7382151	122,422575	164,888095	242,30209	330,649476	361,24226
1453	62,8771698	76,8006412	122,499664	164,959496	242,357023	330,713211	361,309764
1454	62,9313221	76,8630752	122,576749	165,030878	242,411931	330,776915	361,377235
1455	62,9854838	76,9255169	122,653829	165,102243	242,466813	330,840588	361,444671
1456	63,0396548	76,9879665	122,730905	165,173589	242,52167	330,904229	361,512075
1457	63,0938353	77,0504238	122,807976	165,244917	242,576502	330,967838	361,579444
1458	63,1480251	77,112889	122,885043	165,316227	242,631309	331,031416	361,64678
1459	63,2022243	77,1753619	122,962105	165,387519	242,68609	331,094963	361,714082
1460	63,2564329	77,2378426	123,039163	165,458793	242,740847	331,158478	361,78135
1461	63,3106508	77,3003311	123,116216	165,530048	242,795578	331,221962	361,848586
1462	63,364878	77,3628274	123,193265	165,601286	242,850284	331,285415	361,915787
1463	63,4191146	77,4253315	123,270309	165,672506	242,904965	331,348837	361,982955
1464	63,4733605	77,4878433	123,347349	165,743707	242,959621	331,412227	362,05009
1465	63,5276158	77,5503629	123,424384	165,814891	243,014252	331,475586	362,117191
1466	63,5818804	77,6128902	123,501415	165,886056	243,068858	331,538914	362,184259
1467	63,6361544	77,6754253	123,578442	165,957204	243,123439	331,602212	362,251294

1468	63,6904376	77,7379681	123,655463	166,028333	243,177995	331,665478	362,318296
1469	63,7447302	77,8005187	123,732481	166,099445	243,232527	331,728713	362,385264
1470	63,7990321	77,8630771	123,809494	166,170539	243,287033	331,791917	362,452199
1471	63,8533433	77,9256432	123,886503	166,241614	243,341515	331,85509	362,519101
1472	63,9076638	77,988217	123,963507	166,312672	243,395971	331,918232	362,58597
1473	63,9619936	78,0507985	124,040506	166,383712	243,450403	331,981344	362,652805
1474	64,0163327	78,1133878	124,117502	166,454734	243,50481	332,044425	362,719608
1475	64,0706811	78,1759847	124,194493	166,525739	243,559193	332,107474	362,786378
1476	64,1250388	78,2385894	124,271479	166,596725	243,613551	332,170494	362,853115
1477	64,1794057	78,3012019	124,348461	166,667694	243,667884	332,233482	362,919819
1478	64,2337819	78,363822	124,425438	166,738645	243,722192	332,29644	362,98649
1479	64,2881674	78,4264498	124,502412	166,809578	243,776476	332,359367	363,053128
1480	64,3425622	78,4890853	124,57938	166,880493	243,830735	332,422263	363,119733
1481	64,3969662	78,5517285	124,656344	166,951391	243,88497	332,485129	363,186306
1482	64,4513795	78,6143794	124,733304	167,02227	243,93918	332,547965	363,252846
1483	64,505802	78,677038	124,81026	167,093132	243,993366	332,61077	363,319353
1484	64,5602338	78,7397043	124,887211	167,163977	244,047527	332,673544	363,385828
1485	64,6146748	78,8023783	124,964157	167,234804	244,101664	332,736288	363,45227
1486	64,6691251	78,8650599	125,0411	167,305613	244,155776	332,799002	363,51868
1487	64,7235846	78,9277492	125,118037	167,376404	244,209864	332,861685	363,585057
1488	64,7780533	78,9904461	125,194971	167,447178	244,263927	332,924338	363,651401
1489	64,8325312	79,0531508	125,2719	167,517934	244,317967	332,986961	363,717713
1490	64,8870184	79,115863	125,348824	167,588672	244,371982	333,049553	363,783993
1491	64,9415148	79,178583	125,425745	167,659393	244,425972	333,112116	363,85024
1492	64,9960204	79,2413106	125,502661	167,730097	244,479939	333,174648	363,916455
1493	65,0505352	79,3040458	125,579572	167,800783	244,533881	333,23715	363,982638
1494	65,1050592	79,3667886	125,656479	167,871451	244,587799	333,299622	364,048788
1495	65,1595924	79,4295391	125,733382	167,942102	244,641692	333,362063	364,114906
1496	65,2141347	79,4922973	125,81028	168,012735	244,695562	333,424475	364,180992
1497	65,2686863	79,555063	125,887174	168,083351	244,749407	333,486857	364,247046
1498	65,3232471	79,6178364	125,964064	168,153949	244,803229	333,549209	364,313068
1499	65,377817	79,6806174	126,040949	168,22453	244,857026	333,61153	364,379057
1500	65,4323961	79,7434061	126,11783	168,295093	244,910799	333,673822	364,445015
1501	65,4869844	79,8062023	126,194707	168,365639	244,964549	333,736084	364,510941
1502	65,5415818	79,8690061	126,271579	168,436168	245,018274	333,798317	364,576834
1503	65,5961884	79,9318176	126,348447	168,506679	245,071975	333,860519	364,642696
1504	65,6508042	79,9946366	126,42531	168,577173	245,125652	333,922692	364,708526
1505	65,7054291	80,0574632	126,502169	168,647649	245,179306	333,984835	364,774324
1506	65,7600631	80,1202974	126,579024	168,718108	245,232935	334,046948	364,84009
1507	65,8147063	80,1831393	126,655875	168,78855	245,286541	334,109031	364,905824
1508	65,8693586	80,2459886	126,732721	168,858974	245,340123	334,171085	364,971527
1509	65,9240201	80,3088456	126,809563	168,929381	245,393681	334,23311	365,037198
1510	65,9786907	80,3717102	126,8864	168,999771	245,447215	334,295104	365,102837
1511	66,0333704	80,4345823	126,963234	169,070144	245,500726	334,35707	365,168445
1512	66,0880592	80,4974619	127,040062	169,140499	245,554213	334,419005	365,234021
1513	66,1427572	80,5603492	127,116887	169,210837	245,607676	334,480912	365,299565

1514	66,1974642	80,623244	127,193707	169,281158	245,661115	334,542789	365,365078
1515	66,2521804	80,6861463	127,270523	169,351462	245,714531	334,604636	365,430559
1516	66,3069056	80,7490562	127,347335	169,421748	245,767923	334,666454	365,496009
1517	66,36164	80,8119737	127,424142	169,492017	245,821292	334,728243	365,561428
1518	66,4163835	80,8748987	127,500945	169,56227	245,874637	334,790002	365,626815
1519	66,471136	80,9378312	127,577744	169,632504	245,927958	334,851733	365,692171
1520	66,5258976	81,0007712	127,654538	169,702722	245,981256	334,913434	365,757496
1521	66,5806683	81,0637188	127,731328	169,772923	246,034531	334,975105	365,822789
1522	66,6354481	81,1266739	127,808114	169,843107	246,087782	335,036748	365,888051
1523	66,6902369	81,1896366	127,884896	169,913273	246,141009	335,098362	365,953282
1524	66,7450348	81,2526067	127,961673	169,983423	246,194214	335,159946	366,018481
1525	66,7998418	81,3155844	128,038446	170,053555	246,247394	335,221501	366,08365
1526	66,8546578	81,3785695	128,115215	170,123671	246,300552	335,283028	366,148787
1527	66,9094829	81,4415622	128,191979	170,193769	246,353686	335,344525	366,213893
1528	66,964317	81,5045624	128,268739	170,26385	246,406797	335,405993	366,278969
1529	67,0191602	81,5675701	128,345495	170,333915	246,459884	335,467433	366,344013
1530	67,0740124	81,6305852	128,422247	170,403962	246,512948	335,528843	366,409026
1531	67,1288736	81,6936079	128,498994	170,473993	246,565989	335,590225	366,474009
1532	67,1837439	81,756638	128,575737	170,544006	246,619007	335,651578	366,53896
1533	67,2386232	81,8196756	128,652476	170,614003	246,672002	335,712902	366,603881
1534	67,2935115	81,8827207	128,729211	170,683982	246,724973	335,774197	366,668771
1535	67,3484088	81,9457733	128,805941	170,753945	246,777921	335,835464	366,73363
1536	67,4033152	82,0088333	128,882667	170,823891	246,830846	335,896701	366,798458
1537	67,4582305	82,0719008	128,959389	170,89382	246,883749	335,957911	366,863256
1538	67,5131549	82,1349758	129,036107	170,963732	246,936628	336,019091	366,928023
1539	67,5680882	82,1980582	129,11282	171,033628	246,989484	336,080243	366,992759
1540	67,6230306	82,2611481	129,189529	171,103506	247,042317	336,141366	367,057464
1541	67,6779819	82,3242454	129,266234	171,173368	247,095127	336,202461	367,12214
1542	67,7329423	82,3873502	129,342935	171,243213	247,147914	336,263527	367,186784
1543	67,7879116	82,4504624	129,419631	171,313041	247,200678	336,324565	367,251398
1544	67,8428898	82,513582	129,496323	171,382852	247,253419	336,385574	367,315982
1545	67,8978771	82,5767091	129,573011	171,452647	247,306137	336,446555	367,380535
1546	67,9528733	82,6398436	129,649695	171,522425	247,358833	336,507508	367,445057
1547	68,0078785	82,7029856	129,726375	171,592186	247,411506	336,568432	367,50955
1548	68,0628927	82,7661349	129,80305	171,66193	247,464155	336,629328	367,574012
1549	68,1179158	82,8292917	129,879721	171,731658	247,516782	336,690195	367,638443
1550	68,1729478	82,8924559	129,956388	171,801369	247,569387	336,751034	367,702845
1551	68,2279888	82,9556275	130,033051	171,871063	247,621968	336,811846	367,767216
1552	68,2830388	83,0188065	130,10971	171,940741	247,674527	336,872628	367,831557
1553	68,3380976	83,0819929	130,186364	172,010402	247,727063	336,933383	367,895868
1554	68,3931655	83,1451867	130,263014	172,080047	247,779577	336,99411	367,960148
1555	68,4482422	83,2083879	130,33966	172,149675	247,832068	337,054808	368,024399
1556	68,5033279	83,2715964	130,416302	172,219286	247,884536	337,115478	368,088619
1557	68,5584225	83,3348124	130,492939	172,288881	247,936981	337,176121	368,15281
1558	68,613526	83,3980358	130,569573	172,358459	247,989404	337,236735	368,21697
1559	68,6686384	83,4612665	130,646202	172,428021	248,041805	337,297321	368,281101

1560	68,7237597	83,5245046	130,722827	172,497566	248,094183	337,35788	368,345201
1561	68,77889	83,5877501	130,799448	172,567094	248,146539	337,41841	368,409272
1562	68,8340291	83,6510029	130,876065	172,636606	248,198872	337,478913	368,473313
1563	68,8891771	83,7142631	130,952677	172,706102	248,251182	337,539387	368,537324
1564	68,9443341	83,7775307	131,029286	172,775581	248,30347	337,599834	368,601305
1565	68,9994999	83,8408056	131,10589	172,845044	248,355736	337,660253	368,665256
1566	69,0546745	83,9040879	131,18249	172,91449	248,40798	337,720645	368,729178
1567	69,1098581	83,9673775	131,259086	172,98392	248,460201	337,781008	368,793069
1568	69,1650506	84,0306745	131,335678	173,053333	248,512399	337,841344	368,856932
1569	69,2202519	84,0939788	131,412265	173,12273	248,564576	337,901652	368,920764
1570	69,2754621	84,1572904	131,488849	173,192111	248,61673	337,961933	368,984567
1571	69,3306811	84,2206094	131,565428	173,261475	248,668862	338,022186	369,048341
1572	69,385909	84,2839357	131,642003	173,330823	248,720972	338,082411	369,112084
1573	69,4411457	84,3472693	131,718574	173,400155	248,773059	338,142609	369,175799
1574	69,4963913	84,4106103	131,795141	173,46947	248,825124	338,202779	369,239484
1575	69,5516458	84,4739586	131,871704	173,538769	248,877167	338,262922	369,303139
1576	69,6069091	84,5373141	131,948262	173,608051	248,929188	338,323037	369,366765
1577	69,6621812	84,600677	132,024817	173,677318	248,981187	338,383125	369,430362
1578	69,7174621	84,6640472	132,101367	173,746568	249,033164	338,443186	369,493929
1579	69,7727519	84,7274247	132,177914	173,815802	249,085119	338,503219	369,557467
1580	69,8280505	84,7908095	132,254456	173,885019	249,137051	338,563224	369,620976
1581	69,8833579	84,8542016	132,330994	173,954221	249,188962	338,623203	369,684455
1582	69,9386742	84,917601	132,407528	174,023406	249,240851	338,683154	369,747905
1583	69,9939992	84,9810076	132,484057	174,092575	249,292717	338,743078	369,811326
1584	70,0493331	85,0444216	132,560583	174,161727	249,344562	338,802975	369,874718
1585	70,1046758	85,1078428	132,637105	174,230864	249,396385	338,862844	369,938081
1586	70,1600272	85,1712713	132,713622	174,299984	249,448186	338,922686	370,001414
1587	70,2153875	85,2347071	132,790135	174,369088	249,499965	338,982501	370,064719
1588	70,2707565	85,2981501	132,866645	174,438177	249,551722	339,04229	370,127994
1589	70,3261343	85,3616004	132,94315	174,507249	249,603457	339,102051	370,191241
1590	70,381521	85,425058	133,019651	174,576304	249,655171	339,161784	370,254458
1591	70,4369164	85,4885228	133,096148	174,645344	249,706863	339,221491	370,317647
1592	70,4923205	85,5519949	133,172641	174,714368	249,758532	339,281171	370,380807
1593	70,5477335	85,6154742	133,24913	174,783376	249,810181	339,340824	370,443938
1594	70,6031552	85,6789608	133,325615	174,852367	249,861807	339,40045	370,50704
1595	70,6585856	85,7424546	133,402095	174,921343	249,913412	339,460049	370,570113
1596	70,7140248	85,8059557	133,478572	174,990302	249,964995	339,519622	370,633157
1597	70,7694728	85,869464	133,555044	175,059246	250,016557	339,579167	370,696173
1598	70,8249295	85,9329795	133,631513	175,128174	250,068096	339,638686	370,75916
1599	70,880395	85,9965023	133,707977	175,197085	250,119615	339,698177	370,822118
1600	70,9358692	86,0600322	133,784438	175,265981	250,171111	339,757642	370,885048
1601	70,9913522	86,1235694	133,860894	175,33486	250,222586	339,817081	370,947949
1602	71,0468438	86,1871138	133,937346	175,403724	250,27404	339,876492	371,010821
1603	71,1023442	86,2506654	134,013794	175,472572	250,325472	339,935877	371,073665
1604	71,1578534	86,3142243	134,090239	175,541404	250,376882	339,995235	371,13648
1605	71,2133712	86,3777903	134,166679	175,61022	250,428271	340,054567	371,199267

1606	71,2688978	86,4413635	134,243115	175,67902	250,479639	340,113872	371,262025
1607	71,3244331	86,504944	134,319547	175,747804	250,530985	340,173151	371,324755
1608	71,3799771	86,5685316	134,395975	175,816573	250,58231	340,232403	371,387456
1609	71,4355298	86,6321264	134,472398	175,885325	250,633613	340,291628	371,45013
1610	71,4910912	86,6957284	134,548818	175,954062	250,684895	340,350827	371,512774
1611	71,5466613	86,7593376	134,625234	176,022783	250,736156	340,41	371,575391
1612	71,60224	86,822954	134,701646	176,091488	250,787395	340,469146	371,637979
1613	71,6578275	86,8865775	134,778054	176,160177	250,838613	340,528266	371,700539
1614	71,7134237	86,9502082	134,854457	176,228851	250,88981	340,587359	371,76307
1615	71,7690285	87,0138461	134,930857	176,297508	250,940986	340,646426	371,825574
1616	71,824642	87,0774912	135,007253	176,36615	250,99214	340,705467	371,888049
1617	71,8802642	87,1411434	135,083645	176,434777	251,043273	340,764481	371,950496
1618	71,9358951	87,2048027	135,160032	176,503387	251,094385	340,823469	372,012915
1619	71,9915346	87,2684693	135,236416	176,571982	251,145476	340,882431	372,075306
1620	72,0471828	87,3321429	135,312796	176,640561	251,196545	340,941367	372,137669
1621	72,1028396	87,3958237	135,389171	176,709125	251,247594	341,000277	372,200004
1622	72,1585051	87,4595117	135,465543	176,777673	251,298621	341,05916	372,262311
1623	72,2141792	87,5232068	135,541911	176,846205	251,349628	341,118018	372,32459
1624	72,269862	87,586909	135,618274	176,914721	251,400613	341,176849	372,386841
1625	72,3255534	87,6506184	135,694634	176,983222	251,451577	341,235654	372,449064
1626	72,3812535	87,7143349	135,770989	177,051707	251,50252	341,294434	372,511259
1627	72,4369622	87,7780585	135,847341	177,120177	251,553443	341,353187	372,573427
1628	72,4926795	87,8417893	135,923689	177,188631	251,604344	341,411914	372,635566
1629	72,5484055	87,9055271	136,000033	177,25707	251,655224	341,470615	372,697678
1630	72,60414	87,9692721	136,076372	177,325492	251,706084	341,529291	372,759762
1631	72,6598832	88,0330242	136,152708	177,3939	251,756922	341,58794	372,821818
1632	72,715635	88,0967834	136,22904	177,462292	251,80774	341,646564	372,883847
1633	72,7713954	88,1605497	136,305368	177,530668	251,858536	341,705162	372,945848
1634	72,8271644	88,2243231	136,381691	177,599029	251,909312	341,763734	373,007821
1635	72,882942	88,2881036	136,458011	177,667374	251,960067	341,82228	373,069767
1636	72,9387282	88,3518912	136,534327	177,735704	252,010802	341,8808	373,131685
1637	72,994523	88,4156859	136,610639	177,804018	252,061515	341,939295	373,193576
1638	73,0503264	88,4794876	136,686947	177,872317	252,112208	341,997764	373,255439
1639	73,1061384	88,5432965	136,763251	177,9406	252,16288	342,056207	373,317275
1640	73,1619589	88,6071124	136,839551	178,008868	252,213531	342,114625	373,379083
1641	73,2177881	88,6709354	136,915847	178,077121	252,264162	342,173017	373,440864
1642	73,2736258	88,7347655	136,992139	178,145358	252,314772	342,231383	373,502617
1643	73,329472	88,7986026	137,068427	178,21358	252,365361	342,289724	373,564343
1644	73,3853269	88,8624468	137,144712	178,281786	252,41593	342,34804	373,626042
1645	73,4411903	88,9262981	137,220992	178,349977	252,466478	342,40633	373,687713
1646	73,4970622	88,9901564	137,297268	178,418153	252,517005	342,464594	373,749357
1647	73,5529427	89,0540218	137,373541	178,486313	252,567512	342,522833	373,810974
1648	73,6088318	89,1178943	137,449809	178,554458	252,617998	342,581046	373,872563
1649	73,6647294	89,1817737	137,526074	178,622588	252,668464	342,639234	373,934126
1650	73,7206356	89,2456603	137,602334	178,690702	252,71891	342,697397	373,995661
1651	73,7765503	89,3095538	137,678591	178,758801	252,769334	342,755534	374,057169

1652	73,8324735	89,3734544	137,754844	178,826885	252,819739	342,813646	374,11865
1653	73,8884052	89,4373621	137,831093	178,894954	252,870123	342,871733	374,180104
1654	73,9443455	89,5012767	137,907338	178,963007	252,920486	342,929795	374,24153
1655	74,0002943	89,5651984	137,983579	179,031045	252,970829	342,987831	374,30293
1656	74,0562516	89,6291271	138,059816	179,099068	253,021152	343,045842	374,364303
1657	74,1122175	89,6930629	138,136049	179,167075	253,071455	343,103828	374,425649
1658	74,1681918	89,7570056	138,212278	179,235068	253,121737	343,161788	374,486967
1659	74,2241747	89,8209554	138,288504	179,303045	253,171998	343,219724	374,548259
1660	74,280166	89,8849122	138,364725	179,371007	253,22224	343,277634	374,609524
1661	74,3361659	89,9488759	138,440943	179,438954	253,272461	343,335519	374,670763
1662	74,3921743	90,0128467	138,517156	179,506885	253,322662	343,393379	374,731974
1663	74,4481911	90,0768245	138,593366	179,574802	253,372842	343,451214	374,793158
1664	74,5042165	90,1408093	138,669572	179,642703	253,423003	343,509025	374,854316
1665	74,5602503	90,204801	138,745774	179,71059	253,473143	343,56681	374,915447
1666	74,6162926	90,2687998	138,821972	179,778461	253,523263	343,62457	374,976551
1667	74,6723434	90,3328055	138,898166	179,846317	253,573363	343,682305	375,037629
1668	74,7284026	90,3968183	138,974357	179,914158	253,623443	343,740015	375,09868
1669	74,7844703	90,460838	139,050543	179,981984	253,673503	343,797701	375,159704
1670	74,8405465	90,5248646	139,126726	180,049795	253,723542	343,855361	375,220702
1671	74,8966312	90,5888983	139,202904	180,117591	253,773562	343,912997	375,281673
1672	74,9527243	90,6529389	139,279079	180,185371	253,823561	343,970608	375,342617
1673	75,0088258	90,7169865	139,35525	180,253137	253,87354	344,028194	375,403535
1674	75,0649359	90,781041	139,431417	180,320888	253,9235	344,085756	375,464427
1675	75,1210543	90,8451025	139,50758	180,388624	253,973439	344,143292	375,525292
1676	75,1771812	90,909171	139,58374	180,456345	254,023359	344,200804	375,58613
1677	75,2333166	90,9732464	139,659895	180,52405	254,073258	344,258292	375,646943
1678	75,2894603	91,0373287	139,736047	180,591741	254,123138	344,315754	375,707728
1679	75,3456126	91,101418	139,812195	180,659417	254,172997	344,373192	375,768488
1680	75,4017732	91,1655143	139,888339	180,727078	254,222837	344,430606	375,829221
1681	75,4579423	91,2296174	139,964479	180,794724	254,272657	344,487994	375,889928
1682	75,5141197	91,2937275	140,040615	180,862355	254,322457	344,545359	375,950608
1683	75,5703056	91,3578446	140,116747	180,929972	254,372237	344,602698	376,011262
1684	75,6264999	91,4219686	140,192876	180,997573	254,421997	344,660013	376,07189
1685	75,6827027	91,4860994	140,269	181,06516	254,471738	344,717304	376,132492
1686	75,7389138	91,5502373	140,345121	181,132731	254,521458	344,77457	376,193067
1687	75,7951333	91,614382	140,421238	181,200288	254,571159	344,831812	376,253617
1688	75,8513613	91,6785336	140,497352	181,26783	254,620841	344,88903	376,31414
1689	75,9075976	91,7426922	140,573461	181,335357	254,670502	344,946223	376,374637
1690	75,9638423	91,8068576	140,649566	181,40287	254,720144	345,003391	376,435109
1691	76,0200954	91,87103	140,725668	181,470367	254,769766	345,060536	376,495554
1692	76,0763569	91,9352093	140,801766	181,53785	254,819369	345,117656	376,555973
1693	76,1326267	91,9993954	140,87786	181,605318	254,868952	345,174752	376,616366
1694	76,188905	92,0635885	140,95395	181,672771	254,918515	345,231823	376,676733
1695	76,2451916	92,1277884	141,030037	181,74021	254,968059	345,28887	376,737074
1696	76,3014865	92,1919953	141,106119	181,807633	255,017583	345,345894	376,797389
1697	76,3577899	92,256209	141,182198	181,875042	255,067087	345,402892	376,857679

1698	76,4141016	92,3204296	141,258273	181,942437	255,116572	345,459867	376,917942
1699	76,4704217	92,3846571	141,334344	182,009816	255,166037	345,516818	376,97818
1700	76,5267501	92,4488914	141,410412	182,077181	255,215483	345,573744	377,038392
1701	76,5830868	92,5131326	141,486475	182,144531	255,26491	345,630647	377,098578
1702	76,6394319	92,5773807	141,562535	182,211867	255,314317	345,687525	377,158739
1703	76,6957854	92,6416357	141,638591	182,279188	255,363704	345,744379	377,218873
1704	76,7521472	92,7058975	141,714643	182,346494	255,413072	345,80121	377,278982
1705	76,8085173	92,7701661	141,790691	182,413785	255,462421	345,858016	377,339065
1706	76,8648958	92,8344417	141,866736	182,481062	255,51175	345,914798	377,399123
1707	76,9212826	92,898724	141,942777	182,548325	255,56106	345,971557	377,459155
1708	76,9776777	92,9630133	142,018814	182,615573	255,610351	346,028291	377,519161
1709	77,0340811	93,0273093	142,094847	182,682806	255,659622	346,085002	377,579142
1710	77,0904929	93,0916122	142,170877	182,750024	255,708874	346,141688	377,639098
1711	77,1469129	93,155922	142,246902	182,817228	255,758106	346,198351	377,699027
1712	77,2033413	93,2202386	142,322924	182,884418	255,80732	346,25499	377,758932
1713	77,259778	93,284562	142,398942	182,951593	255,856514	346,311606	377,81881
1714	77,316223	93,3488922	142,474957	183,018753	255,905689	346,368197	377,878664
1715	77,3726762	93,4132293	142,550967	183,085899	255,954844	346,424765	377,938492
1716	77,4291378	93,4775732	142,626974	183,153031	256,003981	346,481309	377,998294
1717	77,4856077	93,5419239	142,702977	183,220148	256,053098	346,537829	378,058072
1718	77,5420858	93,6062814	142,778976	183,28725	256,102196	346,594326	378,117823
1719	77,5985723	93,6706457	142,854972	183,354338	256,151275	346,650799	378,17755
1720	77,655067	93,7350169	142,930964	183,421411	256,200335	346,707248	378,237251
1721	77,71157	93,7993948	143,006952	183,48847	256,249375	346,763674	378,296927
1722	77,7680813	93,8637796	143,082936	183,555515	256,298397	346,820076	378,356578
1723	77,8246008	93,9281711	143,158917	183,622545	256,347399	346,876455	378,416204
1724	77,8811286	93,9925694	143,234893	183,689561	256,396383	346,93281	378,475804
1725	77,9376647	94,0569746	143,310866	183,756562	256,445347	346,989141	378,535379
1726	77,994209	94,1213865	143,386836	183,823549	256,494292	347,045449	378,594929
1727	78,0507616	94,1858052	143,462801	183,890522	256,543219	347,101734	378,654454
1728	78,1073224	94,2502307	143,538763	183,95748	256,592126	347,157995	378,713954
1729	78,1638915	94,314663	143,614721	184,024424	256,641015	347,214233	378,773429
1730	78,2204689	94,379102	143,690675	184,091354	256,689884	347,270447	378,832879
1731	78,2770544	94,4435478	143,766626	184,158269	256,738735	347,326638	378,892303
1732	78,3336483	94,5080004	143,842573	184,22517	256,787566	347,382806	378,951703
1733	78,3902503	94,5724598	143,918516	184,292056	256,836379	347,43895	379,011078
1734	78,4468606	94,6369259	143,994456	184,358929	256,885173	347,495071	379,070428
1735	78,5034791	94,7013988	144,070391	184,425787	256,933948	347,551169	379,129753
1736	78,5601058	94,7658784	144,146323	184,49263	256,982704	347,607243	379,189053
1737	78,6167408	94,8303648	144,222252	184,55946	257,031442	347,663294	379,248328
1738	78,6733839	94,894858	144,298176	184,626275	257,08016	347,719322	379,307578
1739	78,7300353	94,9593579	144,374097	184,693076	257,12886	347,775327	379,366804
1740	78,7866949	95,0238645	144,450014	184,759863	257,177541	347,831309	379,426005
1741	78,8433627	95,0883779	144,525928	184,826635	257,226204	347,887267	379,485181
1742	78,9000387	95,152898	144,601837	184,893393	257,274847	347,943203	379,544332
1743	78,9567229	95,2174248	144,677743	184,960138	257,323472	347,999115	379,603458

1744	79,0134153	95,2819584	144,753646	185,026867	257,372078	348,055004	379,66256
1745	79,0701159	95,3464987	144,829544	185,093583	257,420666	348,110871	379,721637
1746	79,1268246	95,4110458	144,905439	185,160285	257,469235	348,166714	379,78069
1747	79,1835416	95,4755995	144,98133	185,226972	257,517785	348,222534	379,839718
1748	79,2402667	95,54016	145,057218	185,293645	257,566316	348,278331	379,898721
1749	79,2970001	95,6047272	145,133102	185,360305	257,614829	348,334105	379,9577
1750	79,3537415	95,6693011	145,208982	185,42695	257,663324	348,389856	380,016654
1751	79,4104912	95,7338817	145,284859	185,493581	257,7118	348,445585	380,075584
1752	79,467249	95,798469	145,360731	185,560197	257,760257	348,50129	380,134489
1753	79,524015	95,863063	145,4366	185,6268	257,808696	348,556973	380,19337
1754	79,5807892	95,9276638	145,512466	185,693389	257,857116	348,612633	380,252226
1755	79,6375715	95,9922712	145,588328	185,759963	257,905518	348,668269	380,311058
1756	79,694362	96,0568853	145,664186	185,826524	257,953901	348,723884	380,369866
1757	79,7511606	96,1215061	145,74004	185,89307	258,002266	348,779475	380,428649
1758	79,8079673	96,1861336	145,815891	185,959603	258,050612	348,835043	380,487407
1759	79,8647823	96,2507678	145,891738	186,026121	258,09894	348,890589	380,546142
1760	79,9216053	96,3154087	145,967582	186,092626	258,14725	348,946112	380,604852
1761	79,9784365	96,3800562	146,043421	186,159116	258,195541	349,001613	380,663538
1762	80,0352758	96,4447104	146,119257	186,225593	258,243814	349,057091	380,722199
1763	80,0921232	96,5093713	146,19509	186,292055	258,292068	349,112546	380,780837
1764	80,1489788	96,5740389	146,270919	186,358503	258,340304	349,167978	380,83945
1765	80,2058425	96,6387131	146,346744	186,424938	258,388522	349,223388	380,898039
1766	80,2627143	96,703394	146,422565	186,491359	258,436721	349,278775	380,956604
1767	80,3195942	96,7680815	146,498383	186,557765	258,484902	349,33414	381,015144
1768	80,3764823	96,8327757	146,574197	186,624158	258,533065	349,389482	381,073661
1769	80,4333784	96,8974766	146,650008	186,690537	258,58121	349,444802	381,132153
1770	80,4902827	96,9621841	146,725815	186,756902	258,629336	349,500099	381,190622
1771	80,547195	97,0268983	146,801618	186,823253	258,677445	349,555374	381,249066
1772	80,6041155	97,0916191	146,877418	186,88959	258,725535	349,610626	381,307486
1773	80,661044	97,1563465	146,953214	186,955913	258,773606	349,665856	381,365883
1774	80,7179807	97,2210806	147,029006	187,022223	258,82166	349,721063	381,424255
1775	80,7749254	97,2858213	147,104795	187,088518	258,869696	349,776249	381,482603
1776	80,8318782	97,3505686	147,18058	187,1548	258,917713	349,831411	381,540928
1777	80,8888391	97,4153226	147,256362	187,221068	258,965712	349,886552	381,599228
1778	80,9458081	97,4800832	147,332139	187,287322	259,013693	349,94167	381,657505
1779	81,0027851	97,5448505	147,407914	187,353562	259,061656	349,996765	381,715758
1780	81,0597703	97,6096243	147,483684	187,419789	259,109601	350,051839	381,773987
1781	81,1167635	97,6744048	147,559451	187,486001	259,157528	350,10689	381,832192
1782	81,1737647	97,7391919	147,635215	187,5522	259,205437	350,161919	381,890374
1783	81,230774	97,8039855	147,710975	187,618386	259,253328	350,216926	381,948531
1784	81,2877914	97,8687858	147,786731	187,684557	259,301201	350,27191	382,006665
1785	81,3448168	97,9335927	147,862483	187,750715	259,349056	350,326873	382,064775
1786	81,4018503	97,9984063	147,938232	187,816859	259,396893	350,381813	382,122862
1787	81,4588918	98,0632264	148,013978	187,882989	259,444712	350,436731	382,180925
1788	81,5159414	98,1280531	148,089719	187,949105	259,492513	350,491627	382,238964
1789	81,572999	98,1928864	148,165457	188,015208	259,540296	350,546501	382,296979

1790	81,6300646	98,2577262	148,241192	188,081297	259,588062	350,601353	382,354971
1791	81,6871383	98,3225727	148,316923	188,147373	259,635809	350,656183	382,41294
1792	81,74422	98,3874258	148,39265	188,213434	259,683539	350,71099	382,470884
1793	81,8013098	98,4522854	148,468374	188,279483	259,73125	350,765776	382,528806
1794	81,8584075	98,5171516	148,544094	188,345517	259,778944	350,82054	382,586703
1795	81,9155133	98,5820244	148,619811	188,411538	259,82662	350,875282	382,644578
1796	81,9726271	98,6469038	148,695524	188,477545	259,874279	350,930002	382,702428
1797	82,0297489	98,7117897	148,771233	188,543539	259,921919	350,9847	382,760256
1798	82,0868788	98,7766822	148,846939	188,609519	259,969542	351,039376	382,81806
1799	82,1440166	98,8415812	148,922641	188,675485	260,017147	351,09403	382,87584
1800	82,2011624	98,9064869	148,99834	188,741438	260,064734	351,148663	382,933597
1801	82,2583163	98,971399	149,074035	188,807377	260,112304	351,203273	382,991331
1802	82,3154781	99,0363178	149,149727	188,873303	260,159856	351,257862	383,049042
1803	82,3726479	99,101243	149,225415	188,939215	260,20739	351,312429	383,106729
1804	82,4298257	99,1661749	149,301099	189,005113	260,254906	351,366974	383,164393
1805	82,4870116	99,2311132	149,37678	189,070999	260,302405	351,421497	383,222033
1806	82,5442054	99,2960582	149,452457	189,13687	260,349886	351,475999	383,279651
1807	82,6014071	99,3610096	149,528131	189,202728	260,39735	351,530479	383,337245
1808	82,6586169	99,4259676	149,603801	189,268573	260,444796	351,584937	383,394816
1809	82,7158346	99,4909321	149,679468	189,334404	260,492224	351,639374	383,452363
1810	82,7730603	99,5559032	149,755131	189,400221	260,539635	351,693789	383,509888
1811	82,830294	99,6208808	149,830791	189,466025	260,587029	351,748182	383,56739
1812	82,8875356	99,6858649	149,906446	189,531816	260,634404	351,802554	383,624868
1813	82,9447852	99,7508555	149,982099	189,597593	260,681763	351,856904	383,682323
1814	83,0020427	99,8158526	150,057748	189,663356	260,729103	351,911233	383,739755
1815	83,0593082	99,8808563	150,133393	189,729107	260,776427	351,96554	383,797164
1816	83,1165817	99,9458665	150,209035	189,794844	260,823732	352,019826	383,854551
1817	83,1738631	100,010883	150,284673	189,860567	260,871021	352,07409	383,911914
1818	83,2311524	100,075906	150,360308	189,926277	260,918292	352,128332	383,969254
1819	83,2884497	100,140936	150,435939	189,991974	260,965545	352,182553	384,026571
1820	83,3457549	100,205972	150,511567	190,057657	261,012781	352,236753	384,083865
1821	83,4030681	100,271015	150,587191	190,123327	261,06	352,290931	384,141137
1822	83,4603892	100,336064	150,662811	190,188983	261,107201	352,345088	384,198385
1823	83,5177182	100,40112	150,738428	190,254627	261,154385	352,399224	384,255611
1824	83,5750552	100,466182	150,814042	190,320256	261,201552	352,453338	384,312813
1825	83,6324	100,531251	150,889652	190,385873	261,248701	352,50743	384,369993
1826	83,6897528	100,596326	150,965258	190,451476	261,295833	352,561502	384,427151
1827	83,7471135	100,661407	151,040861	190,517066	261,342948	352,615552	384,484285
1828	83,8044821	100,726495	151,116461	190,582642	261,390045	352,669581	384,541396
1829	83,8618587	100,79159	151,192057	190,648206	261,437125	352,723589	384,598485
1830	83,9192431	100,856691	151,267649	190,713756	261,484188	352,777575	384,655551
1831	83,9766354	100,921799	151,343238	190,779292	261,531234	352,83154	384,712595
1832	84,0340357	100,986913	151,418823	190,844816	261,578262	352,885484	384,769615
1833	84,0914438	101,052033	151,494405	190,910326	261,625274	352,939407	384,826614
1834	84,1488598	101,11716	151,569984	190,975823	261,672268	352,993308	384,883589
1835	84,2062837	101,182293	151,645559	191,041307	261,719245	353,047189	384,940542

1836	84,2637155	101,247433	151,72113	191,106777	261,766204	353,101048	384,997472
1837	84,3211552	101,312579	151,796698	191,172235	261,813147	353,154886	385,05438
1838	84,3786027	101,377732	151,872262	191,237679	261,860072	353,208704	385,111265
1839	84,4360582	101,442891	151,947823	191,30311	261,906981	353,2625	385,168127
1840	84,4935215	101,508057	152,023381	191,368527	261,953872	353,316275	385,224967
1841	84,5509927	101,573229	152,098935	191,433932	262,000746	353,370029	385,281785
1842	84,6084717	101,638407	152,174485	191,499323	262,047603	353,423762	385,33858
1843	84,6659586	101,703592	152,250032	191,564702	262,094444	353,477474	385,395353
1844	84,7234534	101,768784	152,325575	191,630067	262,141267	353,531165	385,452103
1845	84,780956	101,833981	152,401115	191,695419	262,188073	353,584835	385,508831
1846	84,8384665	101,899186	152,476652	191,760758	262,234862	353,638484	385,565537
1847	84,8959849	101,964396	152,552185	191,826083	262,281634	353,692112	385,62222
1848	84,953511	102,029613	152,627714	191,891396	262,328389	353,74572	385,67888
1849	85,0110451	102,094837	152,703241	191,956695	262,375127	353,799306	385,735519
1850	85,0685869	102,160067	152,778763	192,021982	262,421848	353,852872	385,792135
1851	85,1261366	102,225303	152,854282	192,087255	262,468553	353,906417	385,848729
1852	85,1836942	102,290546	152,929798	192,152516	262,51524	353,959941	385,905301
1853	85,2412596	102,355795	153,00531	192,217763	262,561911	354,013444	385,96185
1854	85,2988328	102,42105	153,080819	192,282997	262,608564	354,066927	386,018377
1855	85,3564138	102,486312	153,156324	192,348218	262,655201	354,120389	386,074882
1856	85,4140027	102,55158	153,231826	192,413426	262,701821	354,17383	386,131365
1857	85,4715993	102,616855	153,307324	192,478621	262,748424	354,22725	386,187826
1858	85,5292038	102,682136	153,382819	192,543804	262,79501	354,28065	386,244264
1859	85,5868161	102,747424	153,458311	192,608973	262,84158	354,334029	386,300681
1860	85,6444362	102,812718	153,533799	192,674129	262,888133	354,387387	386,357075
1861	85,7020642	102,878018	153,609283	192,739272	262,934669	354,440725	386,413447
1862	85,7596999	102,943324	153,684765	192,804402	262,981188	354,494042	386,469798
1863	85,8173434	103,008638	153,760242	192,869519	263,02769	354,547338	386,526126
1864	85,8749947	103,073957	153,835716	192,934624	263,074176	354,600614	386,582432
1865	85,9326539	103,139283	153,911187	192,999715	263,120645	354,653869	386,638716
1866	85,9903208	103,204615	153,986655	193,064793	263,167097	354,707104	386,694979
1867	86,0479955	103,269953	154,062118	193,129859	263,213533	354,760318	386,751219
1868	86,105678	103,335298	154,137579	193,194912	263,259952	354,813512	386,807437
1869	86,1633682	103,400649	154,213036	193,259951	263,306354	354,866685	386,863634
1870	86,2210663	103,466007	154,28849	193,324978	263,35274	354,919838	386,919808
1871	86,2787721	103,531371	154,36394	193,389992	263,399109	354,97297	386,975961
1872	86,3364857	103,596741	154,439387	193,454993	263,445461	355,026082	387,032092
1873	86,394207	103,662118	154,51483	193,519981	263,491797	355,079174	387,088201
1874	86,4519362	103,727501	154,59027	193,584956	263,538116	355,132245	387,144288
1875	86,5096731	103,79289	154,665706	193,649919	263,584419	355,185296	387,200354
1876	86,5674177	103,858286	154,741139	193,714868	263,630705	355,238326	387,256397
1877	86,6251701	103,923688	154,816569	193,779805	263,676975	355,291336	387,312419
1878	86,6829303	103,989096	154,891995	193,844729	263,723228	355,344326	387,368419
1879	86,7406982	104,054511	154,967418	193,90964	263,769465	355,397295	387,424398
1880	86,7984739	104,119932	155,042838	193,974539	263,815685	355,450245	387,480355
1881	86,8562573	104,185359	155,118254	194,039424	263,861889	355,503173	387,53629

1882	86,9140484	104,250793	155,193666	194,104297	263,908076	355,556082	387,592203
1883	86,9718473	104,316233	155,269075	194,169157	263,954247	355,608971	387,648095
1884	87,0296539	104,381679	155,344481	194,234004	264,000401	355,661839	387,703966
1885	87,0874683	104,447132	155,419884	194,298839	264,046539	355,714687	387,759814
1886	87,1452904	104,512591	155,495283	194,363661	264,09266	355,767515	387,815642
1887	87,2031202	104,578056	155,570678	194,42847	264,138766	355,820322	387,871447
1888	87,2609577	104,643527	155,64607	194,493266	264,184854	355,87311	387,927231
1889	87,318803	104,709005	155,721459	194,55805	264,230927	355,925878	387,982994
1890	87,376656	104,774489	155,796845	194,62282	264,276983	355,978625	388,038735
1891	87,4345167	104,83998	155,872227	194,687579	264,323023	356,031352	388,094454
1892	87,4923851	104,905477	155,947605	194,752324	264,369046	356,08406	388,150153
1893	87,5502612	104,97098	156,022981	194,817057	264,415053	356,136747	388,205829
1894	87,608145	105,036489	156,098352	194,881777	264,461044	356,189414	388,261485
1895	87,6660365	105,102005	156,173721	194,946485	264,507019	356,242061	388,317119
1896	87,7239357	105,167527	156,249086	195,011179	264,552977	356,294689	388,372731
1897	87,7818426	105,233055	156,324448	195,075862	264,598919	356,347296	388,428322
1898	87,8397572	105,298589	156,399806	195,140531	264,644845	356,399883	388,483892
1899	87,8976795	105,36413	156,475161	195,205188	264,690754	356,45245	388,539441
1900	87,9556095	105,429677	156,550513	195,269832	264,736648	356,504998	388,594968
1901	88,0135472	105,495231	156,625861	195,334464	264,782525	356,557526	388,650474
1902	88,0714925	105,56079	156,701206	195,399083	264,828386	356,610033	388,705959
1903	88,1294455	105,626356	156,776547	195,46369	264,874231	356,662521	388,761422
1904	88,1874062	105,691928	156,851885	195,528284	264,92006	356,714989	388,816865
1905	88,2453746	105,757507	156,92722	195,592865	264,965873	356,767437	388,872286
1906	88,3033506	105,823091	157,002552	195,657434	265,011669	356,819866	388,927686
1907	88,3613343	105,888682	157,07788	195,72199	265,05745	356,872274	388,983065
1908	88,4193257	105,954279	157,153204	195,786534	265,103214	356,924663	389,038422
1909	88,4773247	106,019883	157,228526	195,851065	265,148962	356,977032	389,093759
1910	88,5353314	106,085492	157,303844	195,915584	265,194694	357,029381	389,149074
1911	88,5933458	106,151108	157,379158	195,98009	265,240411	357,081711	389,204368
1912	88,6513678	106,21673	157,45447	196,044584	265,286111	357,134021	389,259642
1913	88,7093974	106,282359	157,529778	196,109065	265,331795	357,186311	389,314894
1914	88,7674347	106,347993	157,605082	196,173534	265,377463	357,238582	389,370125
1915	88,8254796	106,413634	157,680384	196,23799	265,423115	357,290833	389,425335
1916	88,8835322	106,479281	157,755681	196,302433	265,468751	357,343064	389,480525
1917	88,9415923	106,544935	157,830976	196,366865	265,514372	357,395276	389,535693
1918	88,9996602	106,610594	157,906267	196,431284	265,559976	357,447468	389,59084
1919	89,0577356	106,67626	157,981555	196,49569	265,605564	357,49964	389,645967
1920	89,1158187	106,741932	158,05684	196,560084	265,651137	357,551793	389,701072
1921	89,1739094	106,80761	158,132121	196,624465	265,696693	357,603927	389,756157
1922	89,2320078	106,873295	158,207399	196,688834	265,742234	357,656041	389,81122
1923	89,2901137	106,938985	158,282674	196,753191	265,787759	357,708135	389,866263
1924	89,3482273	107,004682	158,357945	196,817535	265,833268	357,76021	389,921285
1925	89,4063485	107,070385	158,433213	196,881867	265,878761	357,812265	389,976286
1926	89,4644773	107,136095	158,508477	196,946187	265,924238	357,864301	390,031267
1927	89,5226136	107,20181	158,583739	197,010494	265,969699	357,916318	390,086226

1928	89,5807576	107,267532	158,658997	197,074789	266,015145	357,968315	390,141165
1929	89,6389092	107,33326	158,734251	197,139071	266,060575	358,020293	390,196083
1930	89,6970684	107,398994	158,809503	197,203341	266,105989	358,072251	390,250981
1931	89,7552352	107,464734	158,884751	197,267599	266,151387	358,12419	390,305857
1932	89,8134096	107,530481	158,959995	197,331844	266,196769	358,17611	390,360714
1933	89,8715916	107,596233	159,035237	197,396077	266,242136	358,22801	390,415549
1934	89,9297811	107,661992	159,110475	197,460298	266,287487	358,279891	390,470364
1935	89,9879783	107,727757	159,18571	197,524506	266,332822	358,331753	390,525158
1936	90,046183	107,793528	159,260941	197,588703	266,378142	358,383595	390,579931
1937	90,1043953	107,859306	159,336169	197,652887	266,423446	358,435418	390,634684
1938	90,1626151	107,925089	159,411394	197,717058	266,468734	358,487222	390,689416
1939	90,2208426	107,990879	159,486616	197,781217	266,514007	358,539007	390,744128
1940	90,2790776	108,056675	159,561834	197,845365	266,559264	358,590772	390,798819
1941	90,3373202	108,122477	159,637049	197,909499	266,604505	358,642519	390,85349
1942	90,3955703	108,188285	159,712261	197,973622	266,649731	358,694246	390,90814
1943	90,453828	108,2541	159,787469	198,037732	266,694941	358,745954	390,96277
1944	90,5120932	108,31992	159,862674	198,10183	266,740135	358,797643	391,017379
1945	90,570366	108,385747	159,937876	198,165916	266,785314	358,849312	391,071968
1946	90,6286464	108,45158	160,013075	198,22999	266,830478	358,900963	391,126536
1947	90,6869343	108,517419	160,08827	198,294052	266,875626	358,952594	391,181084
1948	90,7452297	108,583264	160,163462	198,358101	266,920758	359,004207	391,235611
1949	90,8035327	108,649115	160,238651	198,422138	266,965875	359,0558	391,290119
1950	90,8618432	108,714973	160,313836	198,486163	267,010976	359,107374	391,344605
1951	90,9201613	108,780836	160,389018	198,550176	267,056062	359,15893	391,399072
1952	90,9784869	108,846706	160,464197	198,614176	267,101132	359,210466	391,453518
1953	91,03682	108,912582	160,539373	198,678165	267,146187	359,261983	391,507944
1954	91,0951607	108,978464	160,614545	198,742141	267,191226	359,313481	391,562349
1955	91,1535089	109,044352	160,689714	198,806105	267,23625	359,364961	391,616735
1956	91,2118646	109,110246	160,76488	198,870057	267,281258	359,416421	391,6711
1957	91,2702278	109,176147	160,840042	198,933997	267,326251	359,467862	391,725444
1958	91,3285985	109,242053	160,915202	198,997925	267,371229	359,519285	391,779769
1959	91,3869768	109,307966	160,990358	199,061841	267,416191	359,570689	391,834073
1960	91,4453625	109,373885	161,06551	199,125745	267,461138	359,622073	391,888358
1961	91,5037558	109,43981	161,14066	199,189636	267,50607	359,673439	391,942622
1962	91,5621566	109,505741	161,215806	199,253516	267,550986	359,724786	391,996866
1963	91,6205648	109,571678	161,290949	199,317383	267,595887	359,776115	392,051089
1964	91,6789806	109,637621	161,366089	199,381239	267,640772	359,827424	392,105293
1965	91,7374039	109,70357	161,441225	199,445082	267,685642	359,878715	392,159477
1966	91,7958346	109,769526	161,516358	199,508913	267,730497	359,929987	392,21364
1967	91,8542729	109,835487	161,591488	199,572733	267,775337	359,98124	392,267784
1968	91,9127186	109,901455	161,666615	199,63654	267,820161	360,032474	392,321907
1969	91,9711719	109,967428	161,741739	199,700335	267,86497	360,08369	392,376011
1970	92,0296326	110,033408	161,816859	199,764119	267,909764	360,134887	392,430094
1971	92,0881007	110,099394	161,891976	199,82789	267,954542	360,186065	392,484157
1972	92,1465764	110,165386	161,96709	199,891649	267,999306	360,237225	392,538201
1973	92,2050595	110,231384	162,0422	199,955396	268,044054	360,288365	392,592224

1974	92,2635501	110,297388	162,117307	200,019132	268,088787	360,339488	392,646228
1975	92,3220482	110,363399	162,192412	200,082855	268,133505	360,390591	392,700212
1976	92,3805537	110,429415	162,267512	200,146567	268,178207	360,441676	392,754175
1977	92,4390667	110,495437	162,34261	200,210266	268,222895	360,492743	392,808119
1978	92,4975872	110,561466	162,417704	200,273954	268,267567	360,543791	392,862043
1979	92,5561151	110,6275	162,492795	200,337629	268,312224	360,59482	392,915947
1980	92,6146505	110,693541	162,567883	200,401293	268,356866	360,645831	392,969832
1981	92,6731933	110,759588	162,642968	200,464945	268,401493	360,696823	393,023696
1982	92,7317435	110,82564	162,71805	200,528584	268,446105	360,747796	393,077541
1983	92,7903013	110,891699	162,793128	200,592212	268,490701	360,798752	393,131366
1984	92,8488664	110,957764	162,868203	200,655828	268,535283	360,849688	393,185171
1985	92,907439	111,023835	162,943275	200,719433	268,57985	360,900606	393,238957
1986	92,966019	111,089912	163,018343	200,783025	268,624401	360,951506	393,292723
1987	93,0246065	111,155995	163,093409	200,846605	268,668938	361,002388	393,346469
1988	93,0832014	111,222084	163,168471	200,910174	268,713459	361,05325	393,400195
1989	93,1418037	111,288179	163,24353	200,973731	268,757966	361,104095	393,453902
1990	93,2004134	111,35428	163,318586	201,037276	268,802457	361,154921	393,507589
1991	93,2590306	111,420387	163,393638	201,100809	268,846934	361,205729	393,561256
1992	93,3176552	111,486501	163,468687	201,16433	268,891395	361,256518	393,614904
1993	93,3762872	111,55262	163,543734	201,227839	268,935842	361,307289	393,668532
1994	93,4349266	111,618745	163,618777	201,291337	268,980274	361,358042	393,722141
1995	93,4935735	111,684876	163,693816	201,354823	269,02469	361,408776	393,77573
1996	93,5522277	111,751014	163,768853	201,418297	269,069092	361,459492	393,829299
1997	93,6108893	111,817157	163,843886	201,481759	269,113479	361,51019	393,882849
1998	93,6695584	111,883307	163,918916	201,54521	269,157851	361,56087	393,936379
1999	93,7282348	111,949462	163,993943	201,608648	269,202208	361,611531	393,98989
2000	93,7869187	112,015623	164,068967	201,672075	269,246551	361,662174	394,043382
2001	93,8456099	112,081791	164,143988	201,735491	269,290878	361,712799	394,096854
2002	93,9043086	112,147964	164,219005	201,798894	269,335191	361,763406	394,150306
2003	93,9630146	112,214144	164,29402	201,862286	269,379488	361,813994	394,203739
2004	94,021728	112,280329	164,369031	201,925666	269,423771	361,864565	394,257153
2005	94,0804488	112,346521	164,444038	201,989034	269,468039	361,915117	394,310547
2006	94,139177	112,412718	164,519043	202,052391	269,512293	361,965651	394,363922
2007	94,1979125	112,478922	164,594045	202,115736	269,556531	362,016167	394,417278
2008	94,2566554	112,545131	164,669043	202,179069	269,600755	362,066665	394,470614
2009	94,3154057	112,611347	164,744038	202,24239	269,644964	362,117144	394,523931
2010	94,3741634	112,677568	164,81903	202,3057	269,689158	362,167606	394,577228
2011	94,4329285	112,743796	164,894019	202,368998	269,733338	362,218049	394,630506
2012	94,4917009	112,810029	164,969005	202,432285	269,777503	362,268475	394,683765
2013	94,5504806	112,876269	165,043987	202,49556	269,821653	362,318882	394,737005
2014	94,6092677	112,942514	165,118966	202,558823	269,865788	362,369272	394,790225
2015	94,6680622	113,008766	165,193943	202,622074	269,909909	362,419643	394,843426
2016	94,7268641	113,075023	165,268916	202,685314	269,954015	362,469997	394,896608
2017	94,7856733	113,141286	165,343885	202,748543	269,998106	362,520333	394,949771
2018	94,8444898	113,207556	165,418852	202,811759	270,042183	362,57065	395,002914
2019	94,9033137	113,273831	165,493816	202,874964	270,086245	362,62095	395,056039

2020	94,9621449	113,340112	165,568776	202,938158	270,130293	362,671231	395,109144
2021	95,0209834	113,406399	165,643733	203,00134	270,174325	362,721495	395,16223
2022	95,0798293	113,472693	165,718687	203,06451	270,218344	362,771741	395,215297
2023	95,1386826	113,538992	165,793638	203,127669	270,262347	362,821969	395,268345
2024	95,1975431	113,605297	165,868586	203,190816	270,306336	362,872179	395,321374
2025	95,256411	113,671608	165,943531	203,253952	270,350311	362,922372	395,374383
2026	95,3152863	113,737925	166,018472	203,317076	270,394271	362,972546	395,427374
2027	95,3741688	113,804248	166,09341	203,380188	270,438216	363,022703	395,480346
2028	95,4330587	113,870577	166,168346	203,443289	270,482147	363,072842	395,533298
2029	95,4919559	113,936912	166,243278	203,506378	270,526064	363,122963	395,586232
2030	95,5508604	114,003253	166,318207	203,569456	270,569966	363,173066	395,639146
2031	95,6097722	114,0696	166,393132	203,632523	270,613853	363,223152	395,692042
2032	95,6686913	114,135952	166,468055	203,695578	270,657726	363,27322	395,744919
2033	95,7276177	114,202311	166,542975	203,758621	270,701585	363,32327	395,797776
2034	95,7865515	114,268676	166,617891	203,821653	270,745429	363,373302	395,850615
2035	95,8454925	114,335046	166,692804	203,884673	270,789258	363,423317	395,903435
2036	95,9044408	114,401423	166,767714	203,947682	270,833073	363,473314	395,956236
2037	95,9633965	114,467805	166,842621	204,01068	270,876874	363,523294	396,009018
2038	96,0223594	114,534193	166,917525	204,073666	270,92066	363,573255	396,061781
2039	96,0813296	114,600588	166,992426	204,136641	270,964432	363,623199	396,114526
2040	96,1403071	114,666988	167,067323	204,199604	271,00819	363,673126	396,167251
2041	96,1992919	114,733394	167,142218	204,262555	271,051933	363,723035	396,219958
2042	96,258284	114,799806	167,217109	204,325496	271,095662	363,772926	396,272646
2043	96,3172834	114,866224	167,291998	204,388424	271,139376	363,8228	396,325315
2044	96,37629	114,932648	167,366883	204,451342	271,183076	363,872656	396,377965
2045	96,4353039	114,999077	167,441765	204,514248	271,226762	363,922494	396,430597
2046	96,4943251	115,065513	167,516644	204,577143	271,270434	363,972315	396,48321
2047	96,5533536	115,131955	167,59152	204,640026	271,314091	364,022119	396,535804
2048	96,6123893	115,198402	167,666392	204,702898	271,357734	364,071905	396,58838
2049	96,6714323	115,264855	167,741262	204,765758	271,401362	364,121674	396,640937
2050	96,7304825	115,331315	167,816128	204,828607	271,444977	364,171425	396,693475
2051	96,7895401	115,39778	167,890992	204,891445	271,488577	364,221158	396,745994
2052	96,8486048	115,464251	167,965852	204,954272	271,532162	364,270874	396,798495
2053	96,9076768	115,530728	168,040709	205,017087	271,575734	364,320573	396,850977
2054	96,9667561	115,597211	168,115563	205,07989	271,619291	364,370255	396,903441
2055	97,0258426	115,663699	168,190414	205,142683	271,662835	364,419918	396,955886
2056	97,0849364	115,730194	168,265262	205,205464	271,706364	364,469565	397,008312
2057	97,1440374	115,796694	168,340107	205,268234	271,749878	364,519194	397,06072
2058	97,2031457	115,863201	168,414949	205,330992	271,793379	364,568806	397,113109
2059	97,2622612	115,929713	168,489787	205,393739	271,836865	364,6184	397,16548
2060	97,3213839	115,996231	168,564623	205,456475	271,880338	364,667978	397,217833
2061	97,3805139	116,062755	168,639455	205,5192	271,923796	364,717537	397,270166
2062	97,4396511	116,129285	168,714285	205,581913	271,96724	364,76708	397,322482
2063	97,4987955	116,195821	168,789111	205,644615	272,01067	364,816605	397,374778
2064	97,5579471	116,262362	168,863934	205,707306	272,054086	364,866113	397,427057
2065	97,617106	116,32891	168,938754	205,769985	272,097487	364,915604	397,479317

2066	97,6762721	116,395463	169,013571	205,832654	272,140875	364,965077	397,531558
2067	97,7354454	116,462022	169,088385	205,895311	272,184248	365,014534	397,583781
2068	97,7946259	116,528587	169,163196	205,957956	272,227608	365,063973	397,635986
2069	97,8538137	116,595158	169,238004	206,020591	272,270953	365,113395	397,688172
2070	97,9130086	116,661735	169,312809	206,083214	272,314285	365,162799	397,74034
2071	97,9722107	116,728317	169,38761	206,145827	272,357602	365,212187	397,79249
2072	98,0314201	116,794906	169,462409	206,208427	272,400905	365,261557	397,844621
2073	98,0906367	116,8615	169,537204	206,271017	272,444195	365,31091	397,896734
2074	98,1498604	116,9281	169,611997	206,333596	272,48747	365,360246	397,948829
2075	98,2090914	116,994706	169,686786	206,396163	272,530732	365,409565	398,000906
2076	98,2683295	117,061318	169,761573	206,458719	272,573979	365,458867	398,052964
2077	98,3275749	117,127936	169,836356	206,521265	272,617212	365,508152	398,105004
2078	98,3868274	117,194559	169,911136	206,583798	272,660432	365,55742	398,157025
2079	98,4460871	117,261188	169,985913	206,646321	272,703637	365,60667	398,209029
2080	98,505354	117,327823	170,060687	206,708833	272,746829	365,655904	398,261014
2081	98,5646281	117,394464	170,135458	206,771333	272,790007	365,705121	398,312981
2082	98,6239093	117,461111	170,210226	206,833823	272,833171	365,75432	398,36493
2083	98,6831978	117,527764	170,284991	206,896301	272,876321	365,803503	398,41686
2084	98,7424934	117,594422	170,359753	206,958768	272,919457	365,852668	398,468773
2085	98,8017962	117,661086	170,434512	207,021224	272,962579	365,901817	398,520667
2086	98,8611061	117,727756	170,509268	207,083669	273,005687	365,950949	398,572544
2087	98,9204232	117,794432	170,584021	207,146103	273,048782	366,000063	398,624402
2088	98,9797475	117,861114	170,65877	207,208525	273,091862	366,049161	398,676242
2089	99,0390789	117,927801	170,733517	207,270937	273,134929	366,098242	398,728064
2090	99,0984175	117,994495	170,808261	207,333338	273,177982	366,147306	398,779868
2091	99,1577633	118,061194	170,883001	207,395727	273,221021	366,196353	398,831654
2092	99,2171162	118,127898	170,957739	207,458106	273,264047	366,245383	398,883422
2093	99,2764762	118,194609	171,032473	207,520473	273,307058	366,294396	398,935172
2094	99,3358434	118,261326	171,107205	207,582829	273,350056	366,343393	398,986903
2095	99,3952178	118,328048	171,181933	207,645175	273,39304	366,392373	399,038617
2096	99,4545993	118,394776	171,256659	207,707509	273,436011	366,441335	399,090313
2097	99,5139879	118,46151	171,331381	207,769832	273,478967	366,490282	399,141991
2098	99,5733837	118,528249	171,4061	207,832145	273,52191	366,539211	399,193651
2099	99,6327866	118,594995	171,480817	207,894446	273,564839	366,588123	399,245293
2100	99,6921966	118,661746	171,55553	207,956736	273,607755	366,637019	399,296918
2101	99,7516138	118,728503	171,63024	208,019015	273,650656	366,685898	399,348524
2102	99,8110381	118,795266	171,704947	208,081284	273,693544	366,73476	399,400112
2103	99,8704695	118,862034	171,779652	208,143541	273,736419	366,783606	399,451683
2104	99,929908	118,928809	171,854353	208,205787	273,77928	366,832434	399,503236
2105	99,9893537	118,995589	171,929051	208,268023	273,822127	366,881247	399,55477
2106	100,048806	119,062374	172,003746	208,330247	273,86496	366,930042	399,606287
2107	100,108266	119,129166	172,078438	208,392461	273,90778	366,978821	399,657787
2108	100,167733	119,195963	172,153128	208,454663	273,950586	367,027583	399,709268
2109	100,227207	119,262767	172,227814	208,516855	273,993379	367,076328	399,760732
2110	100,286689	119,329575	172,302497	208,579036	274,036158	367,125057	399,812178
2111	100,346177	119,39639	172,377177	208,641205	274,078923	367,173769	399,863606

2112	100,405672	119,463211	172,451854	208,703364	274,121675	367,222465	399,915016
2113	100,465175	119,530037	172,526528	208,765512	274,164413	367,271144	399,966409
2114	100,524685	119,596869	172,601199	208,827649	274,207138	367,319806	400,017784
2115	100,584201	119,663706	172,675867	208,889775	274,249849	367,368452	400,069141
2116	100,643725	119,73055	172,750533	208,951891	274,292547	367,417082	400,120481
2117	100,703256	119,797399	172,825195	209,013995	274,335231	367,465694	400,171803
2118	100,762794	119,864254	172,899854	209,076089	274,377902	367,514291	400,223107
2119	100,822339	119,931114	172,97451	209,138171	274,420559	367,56287	400,274394
2120	100,881891	119,997981	173,049163	209,200243	274,463202	367,611434	400,325663
2121	100,941451	120,064853	173,123813	209,262304	274,505833	367,659981	400,376915
2122	101,001017	120,131731	173,19846	209,324354	274,548449	367,708511	400,428148
2123	101,06059	120,198614	173,273104	209,386394	274,591053	367,757025	400,479365
2124	101,120171	120,265504	173,347746	209,448422	274,633642	367,805522	400,530563
2125	101,179758	120,332399	173,422384	209,51044	274,676219	367,854003	400,581745
2126	101,239353	120,399299	173,497019	209,572447	274,718782	367,902468	400,632908
2127	101,298954	120,466206	173,571651	209,634443	274,761331	367,950916	400,684054
2128	101,358563	120,533118	173,64628	209,696428	274,803867	367,999348	400,735183
2129	101,418179	120,600036	173,720907	209,758402	274,84639	368,047763	400,786294
2130	101,477802	120,66696	173,79553	209,820366	274,888899	368,096162	400,837388
2131	101,537432	120,733889	173,87015	209,882319	274,931395	368,144545	400,888464
2132	101,597069	120,800824	173,944768	209,944261	274,973878	368,192912	400,939523
2133	101,656713	120,867765	174,019382	210,006192	275,016347	368,241262	400,990564
2134	101,716364	120,934711	174,093993	210,068113	275,058803	368,289596	401,041588
2135	101,776022	121,001664	174,168602	210,130023	275,101245	368,337913	401,092595
2136	101,835687	121,068621	174,243207	210,191922	275,143675	368,386214	401,143584
2137	101,895359	121,135585	174,31781	210,25381	275,186091	368,434499	401,194556
2138	101,955038	121,202554	174,392409	210,315688	275,228493	368,482768	401,24551
2139	102,014725	121,269529	174,467006	210,377555	275,270883	368,53102	401,296447
2140	102,074418	121,33651	174,541599	210,439411	275,313259	368,579257	401,347367
2141	102,134118	121,403496	174,61619	210,501256	275,355621	368,627477	401,398269
2142	102,193825	121,470488	174,690777	210,563091	275,397971	368,67568	401,449154
2143	102,25354	121,537486	174,765362	210,624915	275,440307	368,723868	401,500022
2144	102,313261	121,60449	174,839944	210,686728	275,48263	368,772039	401,550872
2145	102,37299	121,671499	174,914523	210,748531	275,52494	368,820195	401,601706
2146	102,432725	121,738513	174,989098	210,810323	275,567237	368,868334	401,652522
2147	102,492467	121,805534	175,063671	210,872104	275,60952	368,916457	401,70332
2148	102,552217	121,87256	175,138241	210,933875	275,65179	368,964564	401,754102
2149	102,611973	121,939592	175,212808	210,995635	275,694047	369,012654	401,804866
2150	102,671737	122,006629	175,287372	211,057385	275,736291	369,060729	401,855613
2151	102,731507	122,073673	175,361933	211,119123	275,778522	369,108788	401,906343
2152	102,791285	122,140721	175,436491	211,180851	275,820739	369,15683	401,957056
2153	102,851069	122,207776	175,511046	211,242569	275,862944	369,204857	402,007751
2154	102,910861	122,274836	175,585599	211,304276	275,905135	369,252867	402,05843
2155	102,970659	122,341902	175,660148	211,365972	275,947313	369,300861	402,109091
2156	103,030465	122,408973	175,734694	211,427658	275,989478	369,34884	402,159735
2157	103,090277	122,476051	175,809238	211,489333	276,03163	369,396802	402,210363

2158	103,150097	122,543133	175,883778	211,550997	276,073769	369,444748	402,260973
2159	103,209923	122,610222	175,958316	211,612651	276,115894	369,492679	402,311566
2160	103,269756	122,677316	176,03285	211,674294	276,158007	369,540593	402,362142
2161	103,329597	122,744416	176,107382	211,735927	276,200106	369,588491	402,4127
2162	103,389444	122,811521	176,181911	211,797549	276,242193	369,636374	402,463242
2163	103,449299	122,878632	176,256437	211,859161	276,284266	369,68424	402,513767
2164	103,50916	122,945749	176,33096	211,920762	276,326327	369,732091	402,564275
2165	103,569028	123,012871	176,405479	211,982352	276,368374	369,779926	402,614766
2166	103,628903	123,079999	176,479997	212,043932	276,410409	369,827745	402,66524
2167	103,688786	123,147133	176,554511	212,105501	276,45243	369,875547	402,715696
2168	103,748675	123,214272	176,629022	212,16706	276,494438	369,923335	402,766136
2169	103,808571	123,281417	176,70353	212,228608	276,536434	369,971106	402,816559
2170	103,868474	123,348567	176,778035	212,290146	276,578416	370,018861	402,866965
2171	103,928384	123,415724	176,852538	212,351674	276,620386	370,066601	402,917355
2172	103,988301	123,482885	176,927037	212,41319	276,662342	370,114324	402,967727
2173	104,048225	123,550053	177,001534	212,474697	276,704286	370,162032	403,018082
2174	104,108156	123,617226	177,076028	212,536193	276,746216	370,209724	403,068421
2175	104,168094	123,684404	177,150518	212,597678	276,788134	370,257401	403,118742
2176	104,228039	123,751588	177,225006	212,659153	276,830039	370,305061	403,169047
2177	104,287991	123,818778	177,299491	212,720617	276,871931	370,352706	403,219335
2178	104,347949	123,885974	177,373973	212,782071	276,91381	370,400335	403,269606
2179	104,407915	123,953175	177,448452	212,843515	276,955676	370,447948	403,319861
2180	104,467888	124,020382	177,522929	212,904948	276,997529	370,495546	403,370098
2181	104,527867	124,087594	177,597402	212,96637	277,03937	370,543128	403,420319
2182	104,587854	124,154812	177,671872	213,027782	277,081197	370,590694	403,470523
2183	104,647847	124,222035	177,74634	213,089184	277,123012	370,638245	403,52071
2184	104,707847	124,289264	177,820805	213,150576	277,164814	370,685779	403,570881
2185	104,767855	124,356499	177,895266	213,211956	277,206603	370,733299	403,621035
2186	104,827869	124,423739	177,969725	213,273327	277,248379	370,780802	403,671172
2187	104,88789	124,490985	178,044181	213,334687	277,290142	370,82829	403,721292
2188	104,947918	124,558237	178,118634	213,396037	277,331893	370,875762	403,771396
2189	105,007953	124,625494	178,193084	213,457376	277,373631	370,923219	403,821483
2190	105,067995	124,692756	178,267532	213,518705	277,415356	370,97066	403,871554
2191	105,128043	124,760025	178,341976	213,580023	277,457068	371,018086	403,921607
2192	105,188099	124,827298	178,416417	213,641332	277,498767	371,065496	403,971644
2193	105,248161	124,894578	178,490856	213,702629	277,540454	371,11289	404,021665
2194	105,308231	124,961863	178,565292	213,763917	277,582128	371,160269	404,071669
2195	105,368307	125,029153	178,639725	213,825194	277,623789	371,207632	404,121656
2196	105,428391	125,096449	178,714155	213,886461	277,665438	371,25498	404,171627
2197	105,488481	125,163751	178,788582	213,947717	277,707074	371,302312	404,221581
2198	105,548578	125,231058	178,863006	214,008963	277,748697	371,349629	404,271519
2199	105,608682	125,298371	178,937427	214,070199	277,790308	371,39693	404,32144
2200	105,668792	125,36569	179,011846	214,131424	277,831905	371,444216	404,371345
2201	105,72891	125,433014	179,086261	214,19264	277,87349	371,491486	404,421233
2202	105,789035	125,500343	179,160674	214,253844	277,915063	371,538741	404,471104
2203	105,849166	125,567678	179,235084	214,315039	277,956623	371,58598	404,520959

2204	105,909304	125,635019	179,309491	214,376223	277,99817	371,633204	404,570798
2205	105,96945	125,702365	179,383895	214,437397	278,039704	371,680413	404,62062
2206	106,029602	125,769717	179,458296	214,498561	278,081226	371,727606	404,670426
2207	106,089761	125,837074	179,532694	214,559714	278,122736	371,774784	404,720215
2208	106,149927	125,904437	179,60709	214,620857	278,164232	371,821947	404,769988
2209	106,210099	125,971806	179,681482	214,68199	278,205716	371,869094	404,819744
2210	106,270279	126,03918	179,755872	214,743113	278,247188	371,916225	404,869484
2211	106,330465	126,106559	179,830259	214,804225	278,288647	371,963342	404,919208
2212	106,390659	126,173944	179,904643	214,865327	278,330093	372,010443	404,968915
2213	106,450859	126,241335	179,979024	214,926419	278,371527	372,057528	405,018606
2214	106,511066	126,308731	180,053403	214,987501	278,412948	372,104599	405,068281
2215	106,57128	126,376133	180,127778	215,048572	278,454357	372,151654	405,117939
2216	106,6315	126,44354	180,202151	215,109634	278,495753	372,198694	405,167581
2217	106,691728	126,510952	180,27652	215,170685	278,537137	372,245718	405,217206
2218	106,751962	126,578371	180,350887	215,231725	278,578508	372,292728	405,266816
2219	106,812204	126,645795	180,425251	215,292756	278,619867	372,339722	405,316409
2220	106,872452	126,713224	180,499613	215,353776	278,661213	372,3867	405,365985
2221	106,932707	126,780659	180,573971	215,414787	278,702547	372,433664	405,415546
2222	106,992968	126,848099	180,648326	215,475787	278,743868	372,480612	405,46509
2223	107,053237	126,915545	180,722679	215,536777	278,785177	372,527546	405,514618
2224	107,113512	126,982996	180,797029	215,597756	278,826473	372,574464	405,56413
2225	107,173795	127,050453	180,871376	215,658726	278,867757	372,621366	405,613626
2226	107,234084	127,117916	180,94572	215,719685	278,909029	372,668254	405,663105
2227	107,29438	127,185384	181,020061	215,780635	278,950288	372,715127	405,712568
2228	107,354682	127,252857	181,0944	215,841574	278,991534	372,761984	405,762015
2229	107,414992	127,320336	181,168736	215,902503	279,032768	372,808826	405,811446
2230	107,475308	127,38782	181,243068	215,963422	279,07399	372,855653	405,860861
2231	107,535632	127,45531	181,317398	216,02433	279,1152	372,902465	405,910259
2232	107,595962	127,522806	181,391726	216,085229	279,156397	372,949262	405,959642
2233	107,656298	127,590307	181,46605	216,146117	279,197581	372,996044	406,009008
2234	107,716642	127,657813	181,540371	216,206996	279,238754	373,042811	406,058359
2235	107,776993	127,725325	181,61469	216,267864	279,279914	373,089562	406,107693
2236	107,83735	127,792843	181,689006	216,328722	279,321061	373,136299	406,157011
2237	107,897714	127,860366	181,763319	216,38957	279,362197	373,183021	406,206313
2238	107,958085	127,927894	181,837629	216,450408	279,40332	373,229727	406,255599
2239	108,018462	127,995428	181,911936	216,511236	279,44443	373,276419	406,304869
2240	108,078847	128,062967	181,986241	216,572054	279,485529	373,323095	406,354123
2241	108,139238	128,130512	182,060543	216,632862	279,526615	373,369757	406,403361
2242	108,199636	128,198063	182,134842	216,69366	279,567689	373,416403	406,452583
2243	108,260041	128,265619	182,209138	216,754448	279,60875	373,463035	406,501789
2244	108,320453	128,33318	182,283431	216,815225	279,649799	373,509652	406,550979
2245	108,380871	128,400747	182,357721	216,875993	279,690836	373,556253	406,600153
2246	108,441296	128,468319	182,432009	216,936751	279,731861	373,60284	406,649312
2247	108,501728	128,535897	182,506294	216,997498	279,772873	373,649412	406,698454
2248	108,562167	128,60348	182,580576	217,058236	279,813874	373,695969	406,74758
2249	108,622612	128,671069	182,654855	217,118964	279,854862	373,742511	406,79669

2250	108,683065	128,738663	182,729132	217,179681	279,895838	373,789038	406,845785
2251	108,743524	128,806262	182,803405	217,240389	279,936801	373,835551	406,894864
2252	108,80399	128,873867	182,877676	217,301086	279,977753	373,882048	406,943926
2253	108,864462	128,941478	182,951944	217,361774	280,018692	373,928531	406,992973
2254	108,924942	129,009094	183,026209	217,422452	280,059619	373,974998	407,042004
2255	108,985428	129,076715	183,100472	217,483119	280,100534	374,021451	407,091019
2256	109,045921	129,144342	183,174731	217,543777	280,141437	374,067889	407,140019
2257	109,10642	129,211975	183,248988	217,604425	280,182327	374,114312	407,189002
2258	109,166927	129,279612	183,323242	217,665062	280,223206	374,160721	407,23797
2259	109,22744	129,347256	183,397493	217,72569	280,264072	374,207115	407,286922
2260	109,28796	129,414904	183,471742	217,786308	280,304926	374,253494	407,335858
2261	109,348486	129,482559	183,545987	217,846916	280,345768	374,299858	407,384779
2262	109,40902	129,550218	183,62023	217,907514	280,386598	374,346207	407,433683
2263	109,46956	129,617883	183,69447	217,968102	280,427416	374,392542	407,482572
2264	109,530107	129,685554	183,768708	218,02868	280,468222	374,438862	407,531445
2265	109,590661	129,75323	183,842942	218,089248	280,509016	374,485167	407,580303
2266	109,651221	129,820911	183,917174	218,149807	280,549797	374,531457	407,629145
2267	109,711788	129,888598	183,991403	218,210355	280,590567	374,577733	407,677971
2268	109,772362	129,95629	184,065629	218,270894	280,631324	374,623994	407,726781
2269	109,832942	130,023987	184,139852	218,331422	280,67207	374,670241	407,775576
2270	109,89353	130,09169	184,214073	218,391941	280,712803	374,716472	407,824355
2271	109,954124	130,159399	184,28829	218,45245	280,753525	374,76269	407,873119
2272	110,014725	130,227113	184,362505	218,512949	280,794234	374,808892	407,921866
2273	110,075332	130,294832	184,436718	218,573438	280,834932	374,85508	407,970599
2274	110,135946	130,362557	184,510927	218,633917	280,875617	374,901253	408,019315
2275	110,196567	130,430287	184,585134	218,694387	280,91629	374,947412	408,068016
2276	110,257195	130,498023	184,659338	218,754846	280,956952	374,993556	408,116702
2277	110,317829	130,565764	184,733539	218,815296	280,997601	375,039685	408,165372
2278	110,37847	130,63351	184,807737	218,875736	281,038239	375,0858	408,214026
2279	110,439118	130,701262	184,881933	218,936166	281,078864	375,1319	408,262665
2280	110,499772	130,769019	184,956126	218,996586	281,119478	375,177986	408,311288
2281	110,560434	130,836781	185,030316	219,056997	281,16008	375,224057	408,359895
2282	110,621102	130,904549	185,104503	219,117397	281,200669	375,270114	408,408488
2283	110,681776	130,972323	185,178688	219,177788	281,241247	375,316156	408,457064
2284	110,742457	131,040102	185,252869	219,238169	281,281813	375,362184	408,505625
2285	110,803145	131,107886	185,327048	219,29854	281,322367	375,408197	408,554171
2286	110,86384	131,175675	185,401225	219,358902	281,362909	375,454196	408,602701
2287	110,924541	131,24347	185,475398	219,419253	281,403439	375,50018	408,651216
2288	110,985249	131,311271	185,549569	219,479595	281,443958	375,54615	408,699715
2289	111,045964	131,379077	185,623737	219,539927	281,484464	375,592105	408,748199
2290	111,106686	131,446888	185,697902	219,600249	281,524959	375,638046	408,796668
2291	111,167414	131,514704	185,772065	219,660562	281,565442	375,683972	408,845121
2292	111,228149	131,582526	185,846224	219,720865	281,605913	375,729884	408,893559
2293	111,28889	131,650354	185,920381	219,781158	281,646372	375,775782	408,941981
2294	111,349638	131,718186	185,994536	219,841441	281,686819	375,821665	408,990388
2295	111,410393	131,786024	186,068687	219,901715	281,727254	375,867533	409,038779

2296	111,471154	131,853868	186,142836	219,961978	281,767678	375,913388	409,087156
2297	111,531923	131,921717	186,216982	220,022233	281,80809	375,959228	409,135516
2298	111,592697	131,989571	186,291125	220,082477	281,84849	376,005054	409,183862
2299	111,653479	132,05743	186,365266	220,142712	281,888878	376,050865	409,232192
2300	111,714267	132,125295	186,439403	220,202937	281,929255	376,096662	409,280507
2301	111,775062	132,193165	186,513539	220,263152	281,96962	376,142445	409,328807
2302	111,835863	132,261041	186,587671	220,323357	282,009973	376,188213	409,377091
2303	111,896672	132,328922	186,6618	220,383553	282,050314	376,233967	409,42536
2304	111,957486	132,396809	186,735927	220,443739	282,090643	376,279707	409,473614
2305	112,018308	132,4647	186,810051	220,503916	282,130961	376,325432	409,521853
2306	112,079136	132,532597	186,884173	220,564083	282,171267	376,371143	409,570076
2307	112,139971	132,6005	186,958291	220,62424	282,211562	376,41684	409,618284
2308	112,200812	132,668408	187,032407	220,684387	282,251844	376,462523	409,666477
2309	112,26166	132,736321	187,10652	220,744525	282,292115	376,508191	409,714655
2310	112,322515	132,804239	187,180631	220,804653	282,332374	376,553846	409,762817
2311	112,383376	132,872163	187,254739	220,864772	282,372622	376,599486	409,810965
2312	112,444244	132,940092	187,328844	220,924881	282,412858	376,645111	409,859097
2313	112,505119	133,008027	187,402946	220,98498	282,453082	376,690723	409,907214
2314	112,566	133,075967	187,477045	221,04507	282,493295	376,73632	409,955316
2315	112,626888	133,143912	187,551142	221,10515	282,533496	376,781904	410,003402
2316	112,687782	133,211862	187,625236	221,16522	282,573685	376,827473	410,051474
2317	112,748683	133,279818	187,699328	221,225281	282,613863	376,873028	410,099531
2318	112,809591	133,34778	187,773416	221,285332	282,654029	376,918568	410,147572
2319	112,870505	133,415746	187,847502	221,345374	282,694183	376,964095	410,195598
2320	112,931426	133,483718	187,921585	221,405406	282,734326	377,009607	410,243609
2321	112,992354	133,551695	187,995666	221,465428	282,774457	377,055106	410,291606
2322	113,053288	133,619678	188,069744	221,525441	282,814577	377,10059	410,339587
2323	113,114229	133,687666	188,143819	221,585444	282,854685	377,14606	410,387553
2324	113,175176	133,755659	188,217891	221,645438	282,894782	377,191516	410,435504
2325	113,23613	133,823657	188,291961	221,705422	282,934867	377,236958	410,48344
2326	113,297091	133,891661	188,366028	221,765397	282,97494	377,282386	410,531361
2327	113,358058	133,95967	188,440092	221,825362	283,015002	377,3278	410,579267
2328	113,419032	134,027685	188,514154	221,885317	283,055052	377,3732	410,627158
2329	113,480013	134,095704	188,588213	221,945263	283,095091	377,418586	410,675034
2330	113,541	134,16373	188,662269	222,005199	283,135118	377,463958	410,722895
2331	113,601993	134,23176	188,736322	222,065126	283,175134	377,509316	410,770741
2332	113,662994	134,299796	188,810373	222,125044	283,215138	377,55466	410,818573
2333	113,724	134,367837	188,884421	222,184951	283,255131	377,599989	410,866389
2334	113,785014	134,435883	188,958466	222,24485	283,295112	377,645305	410,91419
2335	113,846034	134,503935	189,032509	222,304738	283,335082	377,690607	410,961977
2336	113,907061	134,571991	189,106549	222,364618	283,37504	377,735895	411,009748
2337	113,968094	134,640054	189,180586	222,424487	283,414987	377,781169	411,057505
2338	114,029133	134,708121	189,254621	222,484348	283,454923	377,826429	411,105247
2339	114,09018	134,776194	189,328653	222,544198	283,494847	377,871675	411,152973
2340	114,151233	134,844272	189,402682	222,60404	283,534759	377,916907	411,200686
2341	114,212292	134,912355	189,476709	222,663872	283,57466	377,962126	411,248383

2342	114,273358	134,980444	189,550732	222,723694	283,61455	378,00733	411,296065
2343	114,334431	135,048538	189,624753	222,783507	283,654428	378,052521	411,343733
2344	114,39551	135,116637	189,698772	222,84331	283,694295	378,097697	411,391385
2345	114,456596	135,184742	189,772788	222,903104	283,734151	378,14286	411,439023
2346	114,517688	135,252852	189,846801	222,962889	283,773995	378,188009	411,486647
2347	114,578787	135,320967	189,920811	223,022664	283,813827	378,233144	411,534255
2348	114,639893	135,389087	189,994819	223,08243	283,853649	378,278265	411,581849
2349	114,701005	135,457213	190,068824	223,142186	283,893458	378,323373	411,629427
2350	114,762123	135,525344	190,142826	223,201933	283,933257	378,368466	411,676991
2351	114,823249	135,59348	190,216826	223,26167	283,973044	378,413546	411,724541
2352	114,88438	135,661621	190,290823	223,321398	284,01282	378,458612	411,772076
2353	114,945519	135,729768	190,364817	223,381116	284,052585	378,503664	411,819595
2354	115,006663	135,79792	190,438809	223,440826	284,092338	378,548703	411,867101
2355	115,067815	135,866077	190,512798	223,500525	284,13208	378,593727	411,914591
2356	115,128973	135,93424	190,586784	223,560216	284,171811	378,638738	411,962067
2357	115,190137	136,002408	190,660768	223,619897	284,21153	378,683735	412,009528
2358	115,251308	136,070581	190,734749	223,679568	284,251238	378,728719	412,056975
2359	115,312486	136,138759	190,808727	223,73923	284,290935	378,773689	412,104407
2360	115,37367	136,206943	190,882703	223,798883	284,33062	378,818645	412,151824
2361	115,43486	136,275131	190,956676	223,858527	284,370294	378,863587	412,199227
2362	115,496057	136,343325	191,030646	223,918161	284,409957	378,908515	412,246615
2363	115,557261	136,411525	191,104614	223,977786	284,449609	378,95343	412,293988
2364	115,618471	136,479729	191,178579	224,037401	284,489249	378,998332	412,341347
2365	115,679688	136,547939	191,252541	224,097007	284,528878	379,043219	412,388691
2366	115,740911	136,616154	191,326501	224,156604	284,568496	379,088093	412,436021
2367	115,802141	136,684375	191,400458	224,216191	284,608103	379,132953	412,483336
2368	115,863377	136,7526	191,474413	224,275769	284,647699	379,1778	412,530636
2369	115,92462	136,820831	191,548364	224,335338	284,687283	379,222633	412,577922
2370	115,985869	136,889067	191,622313	224,394897	284,726856	379,267452	412,625194
2371	116,047125	136,957308	191,69626	224,454447	284,766418	379,312258	412,672451
2372	116,108387	137,025555	191,770204	224,513988	284,805969	379,35705	412,719693
2373	116,169656	137,093806	191,844145	224,57352	284,845508	379,401829	412,766921
2374	116,230932	137,162063	191,918083	224,633042	284,885037	379,446594	412,814135
2375	116,292214	137,230325	191,992019	224,692555	284,924554	379,491346	412,861333
2376	116,353502	137,298593	192,065952	224,752058	284,96406	379,536083	412,908518
2377	116,414797	137,366866	192,139883	224,811553	285,003555	379,580808	412,955688
2378	116,476098	137,435143	192,213811	224,871038	285,043039	379,625519	413,002844
2379	116,537406	137,503426	192,287736	224,930514	285,082512	379,670216	413,049985
2380	116,59872	137,571715	192,361658	224,98998	285,121973	379,7149	413,097112
2381	116,660041	137,640008	192,435578	225,049437	285,161424	379,75957	413,144224
2382	116,721369	137,708307	192,509496	225,108885	285,200863	379,804227	413,191322
2383	116,782702	137,776611	192,583411	225,168324	285,240291	379,84887	413,238405
2384	116,844043	137,84492	192,657323	225,227754	285,279709	379,8935	413,285474
2385	116,905389	137,913235	192,731232	225,287174	285,319115	379,938116	413,332529
2386	116,966743	137,981554	192,805139	225,346585	285,35851	379,982719	413,37957
2387	117,028102	138,049879	192,879043	225,405987	285,397894	380,027309	413,426596

2388	117,089469	138,118209	192,952945	225,46538	285,437267	380,071885	413,473607
2389	117,150841	138,186544	193,026843	225,524763	285,476628	380,116447	413,520605
2390	117,212221	138,254885	193,10074	225,584137	285,515979	380,160996	413,567588
2391	117,273606	138,32323	193,174633	225,643502	285,555319	380,205532	413,614556
2392	117,334998	138,391581	193,248524	225,702858	285,594648	380,250054	413,661511
2393	117,396397	138,459937	193,322413	225,762204	285,633966	380,294563	413,708451
2394	117,457802	138,528298	193,396299	225,821542	285,673272	380,339059	413,755377
2395	117,519214	138,596665	193,470182	225,88087	285,712568	380,383541	413,802289
2396	117,580632	138,665036	193,544062	225,940189	285,751853	380,42801	413,849186
2397	117,642056	138,733413	193,61794	225,999499	285,791127	380,472465	413,896069
2398	117,703487	138,801795	193,691815	226,0588	285,830389	380,516908	413,942938
2399	117,764924	138,870182	193,765688	226,118091	285,869641	380,561336	413,989792
2400	117,826368	138,938574	193,839558	226,177374	285,908882	380,605752	414,036633
2401	117,887819	139,006972	193,913426	226,236647	285,948112	380,650154	414,083459
2402	117,949275	139,075375	193,98729	226,295911	285,987331	380,694543	414,130271
2403	118,010738	139,143782	194,061153	226,355166	286,026539	380,738918	414,177069
2404	118,072208	139,212195	194,135012	226,414412	286,065736	380,783281	414,223852
2405	118,133684	139,280614	194,208869	226,473648	286,104922	380,82763	414,270622
2406	118,195167	139,349037	194,282724	226,532876	286,144097	380,871965	414,317377
2407	118,256656	139,417466	194,356575	226,592094	286,183261	380,916288	414,364118
2408	118,318151	139,485899	194,430424	226,651303	286,222415	380,960597	414,410845
2409	118,379653	139,554338	194,504271	226,710504	286,261557	381,004893	414,457558
2410	118,441161	139,622782	194,578115	226,769695	286,300689	381,049176	414,504257
2411	118,502676	139,691232	194,651956	226,828877	286,33981	381,093445	414,550942
2412	118,564197	139,759686	194,725795	226,88805	286,378919	381,137702	414,597612
2413	118,625725	139,828146	194,799631	226,947213	286,418018	381,181945	414,644269
2414	118,687259	139,89661	194,873465	227,006368	286,457107	381,226175	414,690911
2415	118,748799	139,96508	194,947296	227,065514	286,496184	381,270392	414,73754
2416	118,810346	140,033555	195,021124	227,12465	286,53525	381,314595	414,784154
2417	118,871899	140,102035	195,09495	227,183778	286,574306	381,358786	414,830754
2418	118,933459	140,170521	195,168773	227,242896	286,613351	381,402963	414,87734
2419	118,995025	140,239011	195,242593	227,302005	286,652385	381,447127	414,923912
2420	119,056597	140,307507	195,316411	227,361106	286,691408	381,491278	414,970471
2421	119,118176	140,376008	195,390227	227,420197	286,73042	381,535416	415,017015
2422	119,179762	140,444514	195,46404	227,479279	286,769422	381,579541	415,063545
2423	119,241353	140,513025	195,53785	227,538352	286,808412	381,623652	415,110061
2424	119,302951	140,581541	195,611657	227,597416	286,847392	381,667751	415,156563
2425	119,364556	140,650062	195,685462	227,656472	286,886361	381,711836	415,203052
2426	119,426167	140,718589	195,759265	227,715518	286,92532	381,755909	415,249526
2427	119,487784	140,78712	195,833065	227,774555	286,964267	381,799968	415,295986
2428	119,549408	140,855657	195,906862	227,833583	287,003204	381,844014	415,342433
2429	119,611038	140,924199	195,980656	227,892602	287,04213	381,888047	415,388865
2430	119,672675	140,992746	196,054449	227,951612	287,081046	381,932068	415,435284
2431	119,734318	141,061298	196,128238	228,010613	287,119951	381,976075	415,481688
2432	119,795967	141,129856	196,202025	228,069605	287,158845	382,020069	415,528079
2433	119,857623	141,198418	196,275809	228,128588	287,197728	382,06405	415,574456

2434	119,919285	141,266986	196,349591	228,187562	287,2366	382,108018	415,620819
2435	119,980953	141,335558	196,42337	228,246527	287,275462	382,151973	415,667168
2436	120,042628	141,404136	196,497147	228,305483	287,314313	382,195915	415,713503
2437	120,104309	141,472719	196,570921	228,36443	287,353154	382,239844	415,759825
2438	120,165997	141,541307	196,644692	228,423369	287,391983	382,28376	415,806132
2439	120,227691	141,6099	196,718461	228,482298	287,430802	382,327663	415,852426
2440	120,289391	141,678498	196,792228	228,541218	287,469611	382,371554	415,898706
2441	120,351098	141,747102	196,865991	228,600129	287,508409	382,415431	415,944972
2442	120,412811	141,81571	196,939753	228,659032	287,547196	382,459295	415,991224
2443	120,474531	141,884324	197,013511	228,717925	287,585972	382,503147	416,037463
2444	120,536257	141,952943	197,087267	228,77681	287,624738	382,546985	416,083688
2445	120,597989	142,021566	197,161021	228,835685	287,663493	382,590811	416,129899
2446	120,659728	142,090195	197,234772	228,894552	287,702238	382,634624	416,176096
2447	120,721472	142,158829	197,30852	228,95341	287,740972	382,678424	416,222279
2448	120,783224	142,227469	197,382266	229,012259	287,779695	382,72221	416,268449
2449	120,844981	142,296113	197,456009	229,071098	287,818408	382,765985	416,314605
2450	120,906746	142,364762	197,52975	229,129929	287,85711	382,809746	416,360747
2451	120,968516	142,433416	197,603488	229,188752	287,895802	382,853494	416,406876
2452	121,030293	142,502076	197,677224	229,247565	287,934483	382,89723	416,452991
2453	121,092076	142,570741	197,750957	229,306369	287,973153	382,940952	416,499092
2454	121,153865	142,63941	197,824687	229,365165	288,011813	382,984662	416,54518
2455	121,215661	142,708085	197,898415	229,423951	288,050462	383,028359	416,591253
2456	121,277463	142,776765	197,97214	229,482729	288,089101	383,072044	416,637314
2457	121,339272	142,84545	198,045863	229,541498	288,127729	383,115715	416,68336
2458	121,401086	142,91414	198,119583	229,600258	288,166347	383,159374	416,729393
2459	121,462907	142,982835	198,193301	229,659009	288,204954	383,20302	416,775412
2460	121,524735	143,051535	198,267016	229,717751	288,24355	383,246653	416,821418
2461	121,586569	143,120241	198,340729	229,776485	288,282137	383,290273	416,86741
2462	121,648409	143,188951	198,414439	229,835209	288,320712	383,333881	416,913388
2463	121,710255	143,257666	198,488146	229,893925	288,359277	383,377476	416,959353
2464	121,772108	143,326387	198,561851	229,952632	288,397832	383,421058	417,005304
2465	121,833967	143,395112	198,635554	230,01133	288,436376	383,464627	417,051242
2466	121,895833	143,463843	198,709254	230,070019	288,47491	383,508184	417,097166
2467	121,957705	143,532579	198,782951	230,128699	288,513433	383,551728	417,143076
2468	122,019583	143,60132	198,856646	230,187371	288,551945	383,595259	417,188973
2469	122,081467	143,670065	198,930338	230,246034	288,590448	383,638778	417,234857
2470	122,143358	143,738816	199,004028	230,304688	288,628939	383,682284	417,280727
2471	122,205255	143,807572	199,077715	230,363333	288,667421	383,725777	417,326583
2472	122,267158	143,876333	199,1514	230,421969	288,705892	383,769257	417,372426
2473	122,329068	143,945099	199,225082	230,480597	288,744352	383,812725	417,418255
2474	122,390984	144,013871	199,298762	230,539216	288,782802	383,856181	417,464071
2475	122,452906	144,082647	199,372439	230,597826	288,821242	383,899623	417,509874
2476	122,514835	144,151428	199,446113	230,656427	288,859671	383,943053	417,555662
2477	122,57677	144,220214	199,519785	230,71502	288,89809	383,986471	417,601438
2478	122,638711	144,289006	199,593455	230,773604	288,936498	384,029876	417,6472
2479	122,700659	144,357802	199,667122	230,832179	288,974897	384,073268	417,692949

2480	122,762612	144,426604	199,740786	230,890745	289,013284	384,116647	417,738684
2481	122,824573	144,49541	199,814448	230,949302	289,051661	384,160014	417,784405
2482	122,886539	144,564222	199,888107	231,007851	289,090028	384,203369	417,830114
2483	122,948512	144,633038	199,961764	231,066391	289,128385	384,246711	417,875808
2484	123,010491	144,70186	200,035419	231,124922	289,166731	384,29004	417,92149
2485	123,072476	144,770687	200,109071	231,183445	289,205067	384,333357	417,967158
2486	123,134467	144,839518	200,18272	231,241958	289,243393	384,376661	418,012813
2487	123,196465	144,908355	200,256367	231,300464	289,281708	384,419953	418,058454
2488	123,258469	144,977197	200,330011	231,35896	289,320013	384,463232	418,104082
2489	123,32048	145,046044	200,403653	231,417448	289,358307	384,506498	418,149697
2490	123,382497	145,114896	200,477292	231,475926	289,396592	384,549752	418,195298
2491	123,44452	145,183752	200,550929	231,534397	289,434866	384,592994	418,240886
2492	123,506549	145,252614	200,624563	231,592858	289,473129	384,636223	418,286461
2493	123,568584	145,321481	200,698195	231,651311	289,511383	384,67944	418,332022
2494	123,630626	145,390353	200,771824	231,709755	289,549626	384,722644	418,37757
2495	123,692674	145,45923	200,84545	231,768191	289,587858	384,765836	418,423105
2496	123,754728	145,528112	200,919075	231,826617	289,626081	384,809015	418,468626
2497	123,816789	145,596999	200,992696	231,885036	289,664293	384,852182	418,514134
2498	123,878856	145,665891	201,066315	231,943445	289,702495	384,895336	418,559629
2499	123,940929	145,734788	201,139932	232,001846	289,740687	384,938478	418,605111
2500	124,003008	145,80369	201,213546	232,060238	289,778869	384,981608	418,650579
2501	124,065094	145,872597	201,287158	232,118621	289,81704	385,024725	418,696034
2502	124,127186	145,941509	201,360767	232,176996	289,855201	385,06783	418,741476
2503	124,189284	146,010426	201,434374	232,235362	289,893352	385,110922	418,786905
2504	124,251389	146,079349	201,507978	232,29372	289,931492	385,154002	418,83232
2505	124,313499	146,148276	201,58158	232,352069	289,969623	385,19707	418,877722
2506	124,375616	146,217208	201,655179	232,410409	290,007743	385,240125	418,923111
2507	124,437739	146,286145	201,728775	232,468741	290,045853	385,283168	418,968487
2508	124,499869	146,355087	201,80237	232,527064	290,083953	385,326198	419,01385
2509	124,562004	146,424034	201,875961	232,585378	290,122043	385,369216	419,0592
2510	124,624146	146,492986	201,94955	232,643684	290,160122	385,412222	419,104536
2511	124,686294	146,561943	202,023137	232,701981	290,198191	385,455216	419,149859
2512	124,748449	146,630905	202,096721	232,76027	290,236251	385,498197	419,195169
2513	124,810609	146,699873	202,170303	232,81855	290,2743	385,541166	419,240466
2514	124,872776	146,768845	202,243882	232,876821	290,312338	385,584122	419,28575
2515	124,934949	146,837822	202,317459	232,935084	290,350367	385,627066	419,331021
2516	124,997128	146,906804	202,391033	232,993338	290,388386	385,669998	419,376278
2517	125,059314	146,975791	202,464605	233,051584	290,426394	385,712918	419,421523
2518	125,121506	147,044783	202,538174	233,109821	290,464392	385,755825	419,466754
2519	125,183704	147,11378	202,611741	233,168049	290,502381	385,798721	419,511973
2520	125,245908	147,182782	202,685305	233,226269	290,540359	385,841603	419,557178
2521	125,308118	147,251789	202,758867	233,28448	290,578327	385,884474	419,60237
2522	125,370335	147,320801	202,832427	233,342683	290,616285	385,927333	419,647549
2523	125,432558	147,389818	202,905983	233,400878	290,654233	385,970179	419,692715
2524	125,494787	147,45884	202,979538	233,459063	290,69217	386,013013	419,737869
2525	125,557022	147,527866	203,05309	233,51724	290,730098	386,055835	419,783009

2526	125,619264	147,596898	203,126639	233,575409	290,768016	386,098644	419,828136
2527	125,681511	147,665935	203,200186	233,633569	290,805923	386,141442	419,87325
2528	125,743765	147,734977	203,273731	233,691721	290,843821	386,184227	419,918351
2529	125,806026	147,804024	203,347273	233,749864	290,881708	386,227	419,963439
2530	125,868292	147,873075	203,420812	233,807998	290,919586	386,269761	420,008514
2531	125,930564	147,942132	203,494349	233,866124	290,957453	386,312509	420,053576
2532	125,992843	148,011194	203,567884	233,924242	290,99531	386,355246	420,098625
2533	126,055128	148,08026	203,641416	233,982351	291,033158	386,39797	420,143661
2534	126,117419	148,149332	203,714946	234,040451	291,070995	386,440683	420,188685
2535	126,179717	148,218408	203,788473	234,098543	291,108822	386,483383	420,233695
2536	126,24202	148,28749	203,861998	234,156627	291,14664	386,526071	420,278692
2537	126,30433	148,356576	203,93552	234,214702	291,184447	386,568747	420,323677
2538	126,366646	148,425668	204,00904	234,272768	291,222244	386,61141	420,368648
2539	126,428968	148,494764	204,082557	234,330826	291,260032	386,654062	420,413607
2540	126,491296	148,563865	204,156072	234,388876	291,297809	386,696702	420,458553
2541	126,553631	148,632972	204,229585	234,446917	291,335577	386,739329	420,503486
2542	126,615971	148,702083	204,303095	234,50495	291,373334	386,781945	420,548406
2543	126,678318	148,771199	204,376602	234,562974	291,411081	386,824548	420,593313
2544	126,740671	148,84032	204,450107	234,620989	291,448819	386,86714	420,638207
2545	126,80303	148,909446	204,52361	234,678997	291,486547	386,909719	420,683089
2546	126,865396	148,978577	204,59711	234,736996	291,524264	386,952286	420,727957
2547	126,927767	149,047713	204,670608	234,794986	291,561972	386,994841	420,772813
2548	126,990145	149,116854	204,744103	234,852968	291,59967	387,037385	420,817656
2549	127,052529	149,185999	204,817596	234,910941	291,637358	387,079916	420,862486
2550	127,114919	149,25515	204,891086	234,968906	291,675036	387,122435	420,907304
2551	127,177315	149,324306	204,964574	235,026863	291,712704	387,164942	420,952108
2552	127,239717	149,393466	205,038059	235,084811	291,750362	387,207437	420,9969
2553	127,302126	149,462632	205,111542	235,142751	291,788011	387,249921	421,041679
2554	127,364541	149,531802	205,185023	235,200683	291,825649	387,292392	421,086445
2555	127,426962	149,600978	205,258501	235,258606	291,863278	387,334851	421,131199
2556	127,489389	149,670158	205,331977	235,31652	291,900896	387,377299	421,175939
2557	127,551822	149,739343	205,40545	235,374427	291,938505	387,419734	421,220667
2558	127,614261	149,808533	205,478921	235,432324	291,976104	387,462158	421,265382
2559	127,676707	149,877728	205,552389	235,490214	292,013693	387,504569	421,310085
2560	127,739158	149,946928	205,625855	235,548095	292,051272	387,546969	421,354775
2561	127,801616	150,016133	205,699318	235,605968	292,088842	387,589356	421,399452
2562	127,86408	150,085343	205,772779	235,663832	292,126401	387,631732	421,444116
2563	127,92655	150,154557	205,846238	235,721688	292,163951	387,674096	421,488768
2564	127,989026	150,223777	205,919694	235,779535	292,201491	387,716448	421,533407
2565	128,051509	150,293001	205,993148	235,837375	292,239021	387,758788	421,578033
2566	128,113997	150,362231	206,066599	235,895205	292,276542	387,801116	421,622647
2567	128,176492	150,431465	206,140048	235,953028	292,314052	387,843433	421,667248
2568	128,238993	150,500704	206,213494	236,010842	292,351553	387,885737	421,711836
2569	128,3015	150,569949	206,286938	236,068648	292,389044	387,92803	421,756412
2570	128,364013	150,639198	206,36038	236,126445	292,426525	387,970311	421,800975
2571	128,426532	150,708452	206,433819	236,184235	292,463997	388,01258	421,845525

2572	128,489057	150,77771	206,507256	236,242015	292,501458	388,054837	421,890063
2573	128,551588	150,846974	206,58069	236,299788	292,53891	388,097082	421,934589
2574	128,614126	150,916243	206,654122	236,357552	292,576352	388,139316	421,979101
2575	128,67667	150,985516	206,727551	236,415308	292,613785	388,181537	422,023601
2576	128,73922	151,054795	206,800978	236,473055	292,651207	388,223747	422,068089
2577	128,801775	151,124078	206,874403	236,530795	292,68862	388,265945	422,112564
2578	128,864338	151,193366	206,947825	236,588526	292,726023	388,308132	422,157026
2579	128,926906	151,262659	207,021245	236,646248	292,763417	388,350306	422,201476
2580	128,98948	151,331957	207,094662	236,703963	292,800801	388,392469	422,245913
2581	129,05206	151,40126	207,168077	236,761669	292,838175	388,43462	422,290338
2582	129,114647	151,470568	207,24149	236,819366	292,875539	388,476759	422,33475
2583	129,177239	151,53988	207,3149	236,877056	292,912894	388,518887	422,379149
2584	129,239838	151,609198	207,388307	236,934737	292,950239	388,561003	422,423536
2585	129,302443	151,67852	207,461712	236,99241	292,987574	388,603107	422,467911
2586	129,365054	151,747848	207,535115	237,050075	293,024899	388,645199	422,512273
2587	129,427671	151,81718	207,608516	237,107731	293,062215	388,68728	422,556623
2588	129,490294	151,886517	207,681914	237,165379	293,099521	388,729349	422,60096
2589	129,552923	151,955859	207,755309	237,223019	293,136818	388,771406	422,645285
2590	129,615559	152,025205	207,828702	237,280651	293,174105	388,813452	422,689597
2591	129,6782	152,094557	207,902093	237,338274	293,211382	388,855486	422,733896
2592	129,740848	152,163913	207,975482	237,395889	293,24865	388,897508	422,778184
2593	129,803501	152,233275	208,048868	237,453496	293,285908	388,939518	422,822459
2594	129,866161	152,302641	208,122251	237,511095	293,323156	388,981517	422,866721
2595	129,928827	152,372012	208,195632	237,568685	293,360395	389,023505	422,910971
2596	129,991499	152,441388	208,269011	237,626268	293,397624	389,06548	422,955209
2597	130,054176	152,510769	208,342387	237,683842	293,434844	389,107444	422,999434
2598	130,116861	152,580154	208,415761	237,741407	293,472053	389,149396	423,043647
2599	130,179551	152,649545	208,489133	237,798965	293,509254	389,191337	423,087847
2600	130,242247	152,71894	208,562502	237,856514	293,546444	389,233266	423,132035
2601	130,304949	152,788341	208,635869	237,914056	293,583626	389,275184	423,176211
2602	130,367657	152,857746	208,709233	237,971589	293,620797	389,31709	423,220374
2603	130,430372	152,927156	208,782595	238,029113	293,657959	389,358984	423,264525
2604	130,493092	152,99657	208,855955	238,08663	293,695112	389,400867	423,308663
2605	130,555819	153,06599	208,929312	238,144138	293,732254	389,442738	423,35279
2606	130,618552	153,135415	209,002666	238,201639	293,769388	389,484598	423,396904
2607	130,68129	153,204844	209,076019	238,259131	293,806511	389,526446	423,441005
2608	130,744035	153,274278	209,149369	238,316615	293,843626	389,568282	423,485094
2609	130,806786	153,343717	209,222716	238,37409	293,88073	389,610107	423,529171
2610	130,869543	153,413161	209,296062	238,431558	293,917825	389,651921	423,573236
2611	130,932306	153,48261	209,369404	238,489017	293,954911	389,693723	423,617288
2612	130,995075	153,552063	209,442745	238,546468	293,991987	389,735513	423,661328
2613	131,05785	153,621521	209,516083	238,603912	294,029054	389,777292	423,705356
2614	131,120631	153,690985	209,589419	238,661346	294,066111	389,819059	423,749372
2615	131,183418	153,760453	209,662752	238,718773	294,103158	389,860815	423,793375
2616	131,246212	153,829926	209,736083	238,776192	294,140196	389,902559	423,837366
2617	131,309011	153,899403	209,809411	238,833602	294,177225	389,944292	423,881345

2618	131,371816	153,968886	209,882737	238,891005	294,214244	389,986014	423,925311
2619	131,434628	154,038373	209,956061	238,948399	294,251254	390,027724	423,969266
2620	131,497445	154,107865	210,029382	239,005785	294,288254	390,069422	424,013208
2621	131,560268	154,177362	210,102701	239,063163	294,325245	390,111109	424,057138
2622	131,623098	154,246864	210,176018	239,120533	294,362226	390,152785	424,101055
2623	131,685933	154,316371	210,249332	239,177895	294,399198	390,194449	424,144961
2624	131,748775	154,385882	210,322644	239,235249	294,43616	390,236102	424,188854
2625	131,811623	154,455398	210,395954	239,292594	294,473113	390,277743	424,232735
2626	131,874476	154,52492	210,469261	239,349932	294,510056	390,319373	424,276604
2627	131,937336	154,594445	210,542565	239,407261	294,54699	390,360992	424,320461
2628	132,000202	154,663976	210,615868	239,464583	294,583915	390,402599	424,364306
2629	132,063074	154,733512	210,689168	239,521896	294,62083	390,444195	424,408138
2630	132,125951	154,803052	210,762465	239,579201	294,657736	390,485779	424,451959
2631	132,188835	154,872597	210,835761	239,636498	294,694632	390,527352	424,495767
2632	132,251725	154,942147	210,909054	239,693787	294,731519	390,568913	424,539563
2633	132,314621	155,011702	210,982344	239,751068	294,768397	390,610464	424,583347
2634	132,377523	155,081261	211,055632	239,808341	294,805265	390,652003	424,627119
2635	132,440431	155,150826	211,128918	239,865606	294,842124	390,69353	424,670879
2636	132,503345	155,220395	211,202202	239,922863	294,878973	390,735046	424,714626
2637	132,566264	155,289969	211,275483	239,980112	294,915813	390,776551	424,758362
2638	132,62919	155,359548	211,348761	240,037352	294,952644	390,818045	424,802086
2639	132,692122	155,429131	211,422038	240,094585	294,989465	390,859527	424,845797
2640	132,75506	155,49872	211,495312	240,15181	295,026277	390,900998	424,889496
2641	132,818004	155,568313	211,568583	240,209026	295,06308	390,942457	424,933184
2642	132,880954	155,637911	211,641852	240,266235	295,099873	390,983906	424,976859
2643	132,94391	155,707514	211,715119	240,323435	295,136657	391,025343	425,020522
2644	133,006872	155,777121	211,788384	240,380628	295,173432	391,066769	425,064174
2645	133,06984	155,846733	211,861646	240,437812	295,210197	391,108183	425,107813
2646	133,132814	155,91635	211,934906	240,494989	295,246953	391,149586	425,15144
2647	133,195794	155,985972	212,008163	240,552157	295,2837	391,190978	425,195055
2648	133,25878	156,055599	212,081419	240,609318	295,320438	391,232359	425,238659
2649	133,321772	156,12523	212,154671	240,66647	295,357166	391,273728	425,28225
2650	133,38477	156,194867	212,227922	240,723615	295,393884	391,315087	425,325829
2651	133,447774	156,264508	212,30117	240,780751	295,430594	391,356434	425,369396
2652	133,510784	156,334154	212,374416	240,83788	295,467294	391,397769	425,412952
2653	133,5738	156,403804	212,447659	240,895	295,503985	391,439094	425,456495
2654	133,636822	156,473459	212,5209	240,952113	295,540667	391,480407	425,500026
2655	133,69985	156,54312	212,594139	241,009217	295,577339	391,521709	425,543546
2656	133,762884	156,612784	212,667375	241,066314	295,614003	391,563	425,587053
2657	133,825924	156,682454	212,740609	241,123403	295,650657	391,60428	425,630549
2658	133,88897	156,752129	212,813841	241,180483	295,687301	391,645549	425,674033
2659	133,952021	156,821808	212,88707	241,237556	295,723937	391,686806	425,717505
2660	134,015079	156,891492	212,960297	241,294621	295,760563	391,728052	425,760964
2661	134,078143	156,96118	213,033522	241,351678	295,79718	391,769288	425,804412
2662	134,141213	157,030874	213,106744	241,408727	295,833788	391,810512	425,847849
2663	134,204289	157,100572	213,179964	241,465767	295,870386	391,851724	425,891273

2664	134,26737	157,170275	213,253182	241,5228	295,906976	391,892926	425,934685
2665	134,330458	157,239983	213,326397	241,579825	295,943556	391,934117	425,978086
2666	134,393552	157,309695	213,39961	241,636843	295,980127	391,975296	426,021474
2667	134,456651	157,379413	213,472821	241,693852	296,016689	392,016464	426,064851
2668	134,519757	157,449135	213,546029	241,750853	296,053241	392,057622	426,108216
2669	134,582868	157,518862	213,619235	241,807846	296,089784	392,098768	426,151569
2670	134,645986	157,588593	213,692438	241,864832	296,126319	392,139903	426,19491
2671	134,709109	157,658329	213,76564	241,921809	296,162844	392,181027	426,23824
2672	134,772239	157,72807	213,838839	241,978779	296,19936	392,222139	426,281557
2673	134,835374	157,797816	213,912035	242,035741	296,235866	392,263241	426,324863
2674	134,898515	157,867567	213,98523	242,092695	296,272364	392,304332	426,368157
2675	134,961663	157,937322	214,058422	242,149641	296,308852	392,345412	426,41144
2676	135,024816	158,007082	214,131611	242,206579	296,345332	392,38648	426,45471
2677	135,087975	158,076847	214,204799	242,263509	296,381802	392,427538	426,497969
2678	135,15114	158,146616	214,277984	242,320431	296,418263	392,468584	426,541216
2679	135,214311	158,216391	214,351166	242,377346	296,454715	392,50962	426,584451
2680	135,277488	158,28617	214,424347	242,434252	296,491157	392,550644	426,627674
2681	135,340671	158,355953	214,497525	242,491151	296,527591	392,591658	426,670886
2682	135,40386	158,425742	214,570701	242,548042	296,564016	392,63266	426,714086
2683	135,467055	158,495535	214,643874	242,604925	296,600431	392,673652	426,757274
2684	135,530256	158,565333	214,717045	242,6618	296,636837	392,714632	426,800451
2685	135,593462	158,635135	214,790214	242,718667	296,673235	392,755602	426,843616
2686	135,656675	158,704943	214,86338	242,775526	296,709623	392,79656	426,886769
2687	135,719894	158,774755	214,936545	242,832378	296,746002	392,837508	426,92991
2688	135,783118	158,844572	215,009706	242,889222	296,782372	392,878444	426,97304
2689	135,846349	158,914393	215,082866	242,946057	296,818733	392,91937	427,016158
2690	135,909585	158,984219	215,156023	243,002885	296,855085	392,960285	427,059264
2691	135,972827	159,05405	215,229178	243,059706	296,891428	393,001189	427,102359
2692	136,036075	159,123886	215,302331	243,116518	296,927761	393,042081	427,145442
2693	136,09933	159,193727	215,375481	243,173323	296,964086	393,082963	427,188513
2694	136,16259	159,263572	215,448629	243,230119	297,000402	393,123834	427,231573
2695	136,225856	159,333422	215,521774	243,286908	297,036708	393,164694	427,274621
2696	136,289127	159,403276	215,594918	243,343689	297,073006	393,205543	427,317658
2697	136,352405	159,473135	215,668059	243,400463	297,109295	393,246381	427,360682
2698	136,415689	159,542999	215,741198	243,457228	297,145574	393,287209	427,403696
2699	136,478979	159,612868	215,814334	243,513986	297,181845	393,328025	427,446697
2700	136,542274	159,682742	215,887468	243,570736	297,218106	393,368831	427,489687
2701	136,605575	159,75262	215,9606	243,627478	297,254359	393,409625	427,532666
2702	136,668883	159,822502	216,03373	243,684212	297,290603	393,450409	427,575633
2703	136,732196	159,89239	216,106857	243,740939	297,326837	393,491182	427,618588
2704	136,795515	159,962282	216,179982	243,797658	297,363063	393,531944	427,661532
2705	136,85884	160,032179	216,253104	243,854369	297,399279	393,572696	427,704464
2706	136,922171	160,102081	216,326225	243,911072	297,435487	393,613436	427,747384
2707	136,985508	160,171987	216,399343	243,967768	297,471686	393,654166	427,790293
2708	137,048851	160,241898	216,472458	244,024455	297,507875	393,694884	427,833191
2709	137,1122	160,311814	216,545572	244,081135	297,544056	393,735592	427,876077

2710	137,175554	160,381734	216,618683	244,137808	297,580228	393,776289	427,918951
2711	137,238914	160,451659	216,691792	244,194472	297,616391	393,816976	427,961814
2712	137,302281	160,521589	216,764899	244,251129	297,652545	393,857651	428,004666
2713	137,365653	160,591524	216,838003	244,307778	297,688869	393,898316	428,047506
2714	137,429031	160,661463	216,911105	244,364419	297,724826	393,93897	428,090334
2715	137,492415	160,731407	216,984205	244,421052	297,760953	393,979613	428,133151
2716	137,555805	160,801355	217,057302	244,477678	297,797071	394,020246	428,175956
2717	137,619201	160,871308	217,130397	244,534296	297,833181	394,060867	428,21875
2718	137,682602	160,941266	217,20349	244,590907	297,869281	394,101478	428,261533
2719	137,74601	161,011229	217,27658	244,647509	297,905372	394,142078	428,304304
2720	137,809423	161,081196	217,349669	244,704104	297,941455	394,182668	428,347063
2721	137,872843	161,151168	217,422755	244,760691	297,977529	394,223246	428,389812
2722	137,936268	161,221145	217,495838	244,817271	298,013594	394,263814	428,432548
2723	137,999699	161,291126	217,56892	244,873843	298,04965	394,304371	428,475274
2724	138,063136	161,361112	217,641999	244,930407	298,085697	394,344918	428,517987
2725	138,126578	161,431103	217,715076	244,986963	298,121735	394,385454	428,56069
2726	138,190027	161,501098	217,78815	245,043512	298,157764	394,425979	428,603381
2727	138,253482	161,571098	217,861223	245,100053	298,193785	394,466493	428,646061
2728	138,316942	161,641103	217,934293	245,156586	298,229796	394,506997	428,688729
2729	138,380408	161,711112	218,00736	245,213112	298,265799	394,54749	428,731386
2730	138,44388	161,781126	218,080426	245,26963	298,301793	394,587972	428,774031
2731	138,507358	161,851145	218,153489	245,32614	298,337778	394,628444	428,816665
2732	138,570842	161,921168	218,22655	245,382643	298,373755	394,668905	428,859288
2733	138,634332	161,991196	218,299609	245,439138	298,409722	394,709355	428,901899
2734	138,697827	162,061229	218,372665	245,495625	298,445681	394,749795	428,944499
2735	138,761328	162,131266	218,445719	245,552105	298,48163	394,790224	428,987088
2736	138,824836	162,201308	218,518771	245,608577	298,517572	394,830642	429,029665
2737	138,888349	162,271355	218,591821	245,665041	298,553504	394,871105	429,072231
2738	138,951868	162,341406	218,664868	245,721498	298,589427	394,911447	429,114786
2739	139,015392	162,411462	218,737913	245,777947	298,625342	394,951834	429,157329
2740	139,078923	162,481522	218,810956	245,834388	298,661248	394,99221	429,199861
2741	139,14246	162,551588	218,883996	245,890822	298,697145	395,032575	429,242382
2742	139,206002	162,621657	218,957034	245,947248	298,733033	395,07293	429,284892
2743	139,26955	162,691732	219,03007	246,003667	298,768912	395,113274	429,32739
2744	139,333104	162,761811	219,103104	246,060078	298,804783	395,153607	429,369877
2745	139,396664	162,831895	219,176136	246,116481	298,840645	395,19393	429,412352
2746	139,460229	162,901983	219,249165	246,172877	298,876498	395,234243	429,454817
2747	139,523801	162,972076	219,322192	246,229265	298,912343	395,274545	429,49727
2748	139,587378	163,042174	219,395216	246,285645	298,948179	395,314836	429,539712
2749	139,650961	163,112277	219,468239	246,342018	298,984006	395,355117	429,582142
2750	139,71455	163,182384	219,541259	246,398383	299,019824	395,395387	429,624562
2751	139,778145	163,252495	219,614277	246,454741	299,055633	395,435647	429,66697
2752	139,841746	163,322612	219,687292	246,511091	299,091434	395,475896	429,709367
2753	139,905352	163,392732	219,760306	246,567434	299,127226	395,516134	429,751752
2754	139,968965	163,462858	219,833317	246,623768	299,16301	395,556362	429,794127
2755	140,032583	163,532988	219,906326	246,680096	299,198784	395,59658	429,83649

2756	140,096207	163,603123	219,979333	246,736415	299,23455	395,636787	429,878842
2757	140,159836	163,673262	220,052337	246,792728	299,270307	395,676984	429,921183
2758	140,223472	163,743407	220,125339	246,849032	299,306056	395,71717	429,963513
2759	140,287113	163,813555	220,198339	246,905329	299,341796	395,757345	430,005831
2760	140,350761	163,883709	220,271337	246,961619	299,377527	395,797511	430,048139
2761	140,414414	163,953866	220,344332	247,017901	299,41325	395,837665	430,090435
2762	140,478072	164,024029	220,417325	247,074175	299,448963	395,877809	430,13272
2763	140,541737	164,094196	220,490316	247,130442	299,484669	395,917943	430,174994
2764	140,605407	164,164368	220,563305	247,186701	299,520365	395,958067	430,217257
2765	140,669084	164,234544	220,636291	247,242953	299,556053	395,998179	430,259508
2766	140,732766	164,304725	220,709275	247,299197	299,591732	396,038282	430,301749
2767	140,796454	164,374911	220,782257	247,355434	299,627403	396,078374	430,343978
2768	140,860147	164,445101	220,855237	247,411663	299,663065	396,118455	430,386196
2769	140,923847	164,515296	220,928214	247,467884	299,698718	396,158527	430,428404
2770	140,987552	164,585496	221,001189	247,524099	299,734363	396,198587	430,4706
2771	141,051263	164,6557	221,074162	247,580305	299,769999	396,238638	430,512785
2772	141,11498	164,725909	221,147133	247,636504	299,805626	396,278677	430,554959
2773	141,178703	164,796122	221,220101	247,692696	299,841245	396,318707	430,597121
2774	141,242431	164,86634	221,293068	247,74888	299,876855	396,358726	430,639273
2775	141,306165	164,936562	221,366032	247,805056	299,912457	396,398735	430,681414
2776	141,369905	165,006789	221,438993	247,861225	299,94805	396,438733	430,723544
2777	141,433651	165,077021	221,511953	247,917387	299,983634	396,478721	430,765662
2778	141,497403	165,147257	221,58491	247,973541	300,01921	396,518699	430,80777
2779	141,561116	165,217498	221,657865	248,029687	300,054777	396,558666	430,849866
2780	141,624923	165,287744	221,730818	248,085826	300,090336	396,598623	430,891952
2781	141,688692	165,357994	221,803769	248,141958	300,125886	396,63857	430,934026
2782	141,752467	165,428249	221,876717	248,198082	300,161428	396,678506	430,97609
2783	141,816247	165,498508	221,949663	248,254198	300,196961	396,718432	431,018142
2784	141,880034	165,568772	222,022607	248,310308	300,232485	396,758348	431,060184
2785	141,943826	165,63904	222,095549	248,366409	300,268001	396,798253	431,102214
2786	142,007623	165,709313	222,168488	248,422503	300,303508	396,838148	431,144233
2787	142,071427	165,779591	222,241426	248,47859	300,339007	396,878033	431,186242
2788	142,135236	165,849873	222,314361	248,534669	300,374497	396,917907	431,228239
2789	142,199051	165,92016	222,387293	248,590741	300,409979	396,957771	431,270226
2790	142,262872	165,990452	222,460224	248,646806	300,445452	396,997625	431,312202
2791	142,326699	166,060748	222,533152	248,702863	300,480917	397,037469	431,354166
2792	142,390531	166,131048	222,606078	248,758912	300,516373	397,077302	431,39612
2793	142,45437	166,201353	222,679002	248,814954	300,55182	397,117125	431,438063
2794	142,518214	166,271663	222,751924	248,870989	300,58726	397,156938	431,479994
2795	142,582063	166,341977	222,824843	248,927016	300,62269	397,19674	431,521915
2796	142,645919	166,412296	222,897761	248,983036	300,658112	397,236533	431,563825
2797	142,70978	166,48262	222,970676	249,039048	300,693526	397,276315	431,605724
2798	142,773647	166,552948	223,043589	249,095053	300,728931	397,316086	431,647612
2799	142,83752	166,62328	223,116499	249,15105	300,764328	397,355848	431,68949
2800	142,901398	166,693618	223,189408	249,20704	300,799716	397,395599	431,731356
2801	142,965282	166,763959	223,262314	249,263023	300,835096	397,43534	431,773212

2802	143,029172	166,834306	223,335218	249,318998	300,870467	397,475071	431,815056
2803	143,093068	166,904657	223,408119	249,374966	300,90583	397,514792	431,85689
2804	143,15697	166,975012	223,481019	249,430926	300,941184	397,554503	431,898713
2805	143,220877	167,045372	223,553916	249,48688	300,97653	397,594203	431,940525
2806	143,28479	167,115737	223,626811	249,542825	301,011867	397,633893	431,982326
2807	143,348708	167,186106	223,699704	249,598763	301,047196	397,673573	432,024116
2808	143,412633	167,256479	223,772595	249,654694	301,082517	397,713243	432,065896
2809	143,476563	167,326858	223,845484	249,710618	301,117829	397,752903	432,107664
2810	143,540499	167,39724	223,91837	249,766534	301,153133	397,792552	432,149422
2811	143,604441	167,467628	223,991254	249,822443	301,188428	397,832191	432,191169
2812	143,668388	167,53802	224,064136	249,878344	301,223715	397,871821	432,232905
2813	143,732341	167,608416	224,137016	249,934238	301,258993	397,911144	432,27463
2814	143,7963	167,678817	224,209893	249,990125	301,294264	397,951048	432,316345
2815	143,860265	167,749223	224,282768	250,046004	301,329525	397,990647	432,358049
2816	143,924235	167,819633	224,355641	250,101876	301,364778	398,030236	432,399742
2817	143,988211	167,890047	224,428512	250,157741	301,400023	398,069814	432,441424
2818	144,052193	167,960467	224,501381	250,213598	301,43526	398,109383	432,483095
2819	144,11618	168,03089	224,574248	250,269448	301,470488	398,148941	432,524756
2820	144,180173	168,101319	224,647112	250,32529	301,505708	398,188489	432,566406
2821	144,244172	168,171752	224,719974	250,381125	301,540919	398,228028	432,608045
2822	144,308177	168,242189	224,792834	250,436953	301,576122	398,267556	432,649673
2823	144,372187	168,312631	224,865692	250,492774	301,611317	398,307074	432,691291
2824	144,436203	168,383077	224,938547	250,548587	301,646503	398,346582	432,732898
2825	144,500225	168,453528	225,0114	250,604393	301,681681	398,386079	432,774494
2826	144,564253	168,523984	225,084251	250,660192	301,716851	398,425567	432,81608
2827	144,628286	168,594444	225,1571	250,715983	301,752012	398,465045	432,857654
2828	144,692325	168,664909	225,229947	250,771767	301,787165	398,504513	432,899218
2829	144,756369	168,735378	225,302792	250,827543	301,822309	398,54397	432,940772
2830	144,82042	168,805851	225,375634	250,883313	301,857446	398,583418	432,982314
2831	144,884476	168,87633	225,448474	250,939075	301,892573	398,622855	433,023846
2832	144,948537	168,946812	225,521312	250,994829	301,927693	398,662283	433,065368
2833	145,012605	169,017299	225,594148	251,050577	301,962804	398,7017	433,106878
2834	145,076678	169,087791	225,666982	251,106317	301,997907	398,741108	433,148378
2835	145,140757	169,158288	225,739813	251,16205	302,033002	398,780506	433,189868
2836	145,204841	169,228788	225,812642	251,217775	302,068089	398,819893	433,231346
2837	145,268932	169,299294	225,885469	251,273494	302,103167	398,859271	433,272814
2838	145,333027	169,369804	225,958294	251,329205	302,138236	398,898638	433,314272
2839	145,397129	169,440318	226,031117	251,384908	302,173298	398,937996	433,355718
2840	145,461236	169,510837	226,103938	251,440605	302,208351	398,977343	433,397154
2841	145,525349	169,58136	226,176756	251,496294	302,243396	399,016681	433,43858
2842	145,589468	169,651888	226,249572	251,551976	302,278433	399,056009	433,479995
2843	145,653592	169,722421	226,322386	251,607651	302,313461	399,095326	433,521399
2844	145,717722	169,792958	226,395198	251,663318	302,348482	399,134634	433,562792
2845	145,781858	169,863499	226,468008	251,718978	302,383494	399,173932	433,604175
2846	145,846	169,934045	226,540815	251,774631	302,418497	399,21322	433,645548
2847	145,910147	170,004595	226,61362	251,830277	302,453493	399,252498	433,68691

2848	145,9743	170,07515	226,686423	251,885915	302,48848	399,291766	433,728261
2849	146,038458	170,14571	226,759224	251,941546	302,523459	399,331024	433,769602
2850	146,102622	170,216274	226,832023	251,99717	302,55843	399,370272	433,810932
2851	146,166792	170,286842	226,90482	252,052787	302,593392	399,40951	433,852251
2852	146,230967	170,357415	226,977614	252,108396	302,628347	399,448738	433,893561
2853	146,295149	170,427993	227,050407	252,163999	302,663293	399,487957	433,934859
2854	146,359335	170,498575	227,123197	252,219594	302,698231	399,527165	433,976147
2855	146,423528	170,569161	227,195985	252,275181	302,73316	399,566364	434,017424
2856	146,487726	170,639752	227,26877	252,330762	302,768082	399,605553	434,058691
2857	146,55193	170,710348	227,341554	252,386335	302,802995	399,644732	434,099948
2858	146,616139	170,780948	227,414335	252,441902	302,8379	399,683901	434,141193
2859	146,680355	170,851552	227,487115	252,497461	302,872797	399,72306	434,182429
2860	146,744575	170,922161	227,559892	252,553012	302,907686	399,76221	434,223654
2861	146,808802	170,992775	227,632667	252,608557	302,942567	399,801349	434,264868
2862	146,873034	171,063393	227,705439	252,664094	302,977439	399,840479	434,306072
2863	146,937272	171,134015	227,77821	252,719624	303,012303	399,879598	434,347265
2864	147,001515	171,204642	227,850979	252,775147	303,047159	399,918708	434,388448
2865	147,065764	171,275274	227,923745	252,830663	303,082007	399,957809	434,429621
2866	147,130019	171,345909	227,996509	252,886172	303,116847	399,996899	434,470783
2867	147,194279	171,41655	228,069271	252,941673	303,151679	400,03598	434,511934
2868	147,258545	171,487195	228,142031	252,997168	303,186502	400,07505	434,553075
2869	147,322817	171,557844	228,214788	253,052655	303,221317	400,114111	434,594206
2870	147,387095	171,628498	228,287544	253,108135	303,256125	400,153162	434,635326
2871	147,451378	171,699156	228,360297	253,163607	303,290924	400,192204	434,676436
2872	147,515666	171,769819	228,433049	253,219073	303,325715	400,231235	434,717535
2873	147,57996	171,840486	228,505798	253,274531	303,360498	400,270257	434,758624
2874	147,64426	171,911158	228,578544	253,329983	303,395272	400,309269	434,799702
2875	147,708566	171,981834	228,651289	253,385427	303,430039	400,348271	434,840771
2876	147,772877	172,052515	228,724032	253,440864	303,464797	400,387264	434,881828
2877	147,837194	172,1232	228,796772	253,496294	303,499548	400,426246	434,922876
2878	147,901516	172,193889	228,869511	253,551717	303,53429	400,465219	434,963912
2879	147,965845	172,264583	228,942247	253,607132	303,569024	400,504183	435,004939
2880	148,030178	172,335282	229,014981	253,662541	303,60375	400,543136	435,045955
2881	148,094518	172,405985	229,087713	253,717942	303,638469	400,58208	435,086961
2882	148,158863	172,476692	229,160442	253,773336	303,673178	400,621014	435,127956
2883	148,223213	172,547404	229,23317	253,828723	303,70788	400,659938	435,168941
2884	148,28757	172,618121	229,305895	253,884103	303,742574	400,698853	435,209916
2885	148,351931	172,688842	229,378619	253,939476	303,77726	400,737758	435,25088
2886	148,416299	172,759567	229,45134	253,994842	303,811938	400,776653	435,291834
2887	148,480672	172,830297	229,524059	254,0502	303,846607	400,815538	435,332778
2888	148,545051	172,901031	229,596776	254,105552	303,881269	400,854414	435,373712
2889	148,609435	172,97177	229,66949	254,160896	303,915923	400,89328	435,414635
2890	148,673825	173,042513	229,742203	254,216234	303,950568	400,932137	435,455547
2891	148,738221	173,11326	229,814913	254,271564	303,985206	400,970983	435,49645
2892	148,802622	173,184012	229,887622	254,326887	304,019835	401,009821	435,537342
2893	148,867029	173,254769	229,960328	254,382203	304,054457	401,048648	435,578224

2894	148,931441	173,32553	230,033032	254,437512	304,08907	401,087466	435,619095
2895	148,995859	173,396295	230,105734	254,492814	304,123675	401,126274	435,659957
2896	149,060283	173,467065	230,178433	254,548109	304,158273	401,165072	435,700808
2897	149,124712	173,537839	230,251131	254,603396	304,192862	401,203861	435,741648
2898	149,189147	173,608618	230,323827	254,658677	304,227444	401,24264	435,782479
2899	149,253587	173,679401	230,39652	254,71395	304,262017	401,28141	435,823299
2900	149,318033	173,750189	230,469211	254,769217	304,296582	401,32017	435,864109
2901	149,382485	173,820981	230,5419	254,824476	304,33114	401,35892	435,904909
2902	149,446942	173,891777	230,614587	254,879729	304,365689	401,397661	435,945698
2903	149,511405	173,962578	230,687272	254,934974	304,400231	401,436392	435,986477
2904	149,575874	174,033383	230,759955	254,990212	304,434764	401,475114	436,027246
2905	149,640348	174,104193	230,832635	255,045444	304,46929	401,513825	436,068005
2906	149,704827	174,175007	230,905314	255,100668	304,503807	401,552528	436,108754
2907	149,769313	174,245826	230,97799	255,155885	304,538317	401,591221	436,149492
2908	149,833803	174,316649	231,050664	255,211095	304,572818	401,629904	436,19022
2909	149,8983	174,387476	231,123336	255,266298	304,607312	401,668577	436,230938
2910	149,962802	174,458308	231,196006	255,321494	304,641798	401,707241	436,271646
2911	150,02731	174,529145	231,268674	255,376683	304,676276	401,745896	436,312343
2912	150,091823	174,599986	231,34134	255,431865	304,710745	401,784541	436,353031
2913	150,156341	174,670831	231,414004	255,48704	304,745207	401,823176	436,393708
2914	150,220866	174,74168	231,486665	255,542208	304,779661	401,861802	436,434375
2915	150,285396	174,812534	231,559324	255,597369	304,814107	401,900418	436,475032
2916	150,349931	174,883393	231,631982	255,652523	304,848546	401,939025	436,515679
2917	150,414472	174,954256	231,704637	255,70767	304,882976	401,977622	436,556315
2918	150,479019	175,025123	231,77729	255,76281	304,917398	402,01621	436,596942
2919	150,543571	175,095995	231,849941	255,817943	304,951812	402,054788	436,637558
2920	150,608129	175,166871	231,922589	255,873068	304,986219	402,093357	436,678164
2921	150,672693	175,237751	231,995236	255,928187	305,020618	402,131916	436,71876
2922	150,737262	175,308636	232,067881	255,983299	305,055008	402,170466	436,759346
2923	150,801836	175,379526	232,140523	256,038404	305,089391	402,209006	436,799922
2924	150,866416	175,45042	232,213163	256,093502	305,123766	402,247537	436,840488
2925	150,931002	175,521318	232,285802	256,148593	305,158133	402,286058	436,881044
2926	150,995593	175,59222	232,358438	256,203677	305,192492	402,32457	436,921589
2927	151,06019	175,663127	232,431072	256,258754	305,226844	402,363072	436,962124
2928	151,124792	175,734039	232,503703	256,313824	305,261187	402,401565	437,00265
2929	151,1894	175,804955	232,576333	256,368887	305,295523	402,440048	437,043165
2930	151,254014	175,875875	232,648961	256,423943	305,32985	402,478522	437,08367
2931	151,318633	175,9468	232,721586	256,478992	305,36417	402,516986	437,124165
2932	151,383257	176,017729	232,79421	256,534034	305,398482	402,555442	437,164651
2933	151,447887	176,088662	232,866831	256,58907	305,432787	402,593887	437,205126
2934	151,512523	176,1596	232,93945	256,644098	305,467083	402,632323	437,245591
2935	151,577164	176,230542	233,012068	256,699119	305,501371	402,67075	437,286046
2936	151,641811	176,301489	233,084683	256,754133	305,535652	402,709167	437,32649
2937	151,706464	176,37244	233,157296	256,809141	305,569925	402,747575	437,366925
2938	151,771122	176,443395	233,229906	256,864141	305,60419	402,785974	437,40735
2939	151,835785	176,514355	233,302515	256,919135	305,638447	402,824363	437,447765

2940	151,900454	176,585319	233,375122	256,974121	305,672697	402,862742	437,48817
2941	151,965129	176,656288	233,447726	257,029101	305,706938	402,901113	437,528565
2942	152,029809	176,727261	233,520329	257,084074	305,741172	402,939474	437,568949
2943	152,094494	176,798238	233,592929	257,13904	305,775398	402,977825	437,609324
2944	152,159185	176,86922	233,665527	257,193998	305,809616	403,016167	437,649689
2945	152,223882	176,940206	233,738123	257,24895	305,843827	403,0545	437,690044
2946	152,288584	177,011196	233,810717	257,303895	305,878029	403,092823	437,730389
2947	152,353292	177,082191	233,883309	257,358834	305,912224	403,131137	437,770724
2948	152,418006	177,153191	233,955899	257,413765	305,946411	403,169442	437,811049
2949	152,482724	177,224194	234,028487	257,468689	305,980591	403,207737	437,851364
2950	152,547449	177,295202	234,101073	257,523607	306,014762	403,246023	437,891669
2951	152,612179	177,366215	234,173656	257,578517	306,048926	403,2843	437,931964
2952	152,676914	177,437232	234,246238	257,633421	306,083082	403,322567	437,972249
2953	152,741655	177,508253	234,318817	257,688317	306,11723	403,360825	438,012524
2954	152,806402	177,579278	234,391395	257,743207	306,151371	403,399074	438,052789
2955	152,871154	177,650308	234,46397	257,79809	306,185504	403,437313	438,093045
2956	152,935911	177,721343	234,536543	257,852966	306,219629	403,475543	438,13329
2957	153,000674	177,792381	234,609114	257,907836	306,253746	403,513764	438,173526
2958	153,065443	177,863424	234,681683	257,962698	306,287855	403,551976	438,213751
2959	153,130217	177,934472	234,75425	258,017553	306,321957	403,590178	438,253967
2960	153,194997	178,005523	234,826815	258,072402	306,356051	403,628371	438,294173
2961	153,259782	178,07658	234,899377	258,127244	306,390138	403,666554	438,334369
2962	153,324572	178,14764	234,971938	258,182078	306,424216	403,704729	438,374555
2963	153,389369	178,218705	235,044496	258,236906	306,458287	403,742894	438,414731
2964	153,45417	178,289774	235,117053	258,291728	306,492351	403,781049	438,454897
2965	153,518977	178,360848	235,189607	258,346542	306,526406	403,819196	438,495054
2966	153,58379	178,431926	235,26216	258,401349	306,560454	403,857333	438,5352
2967	153,648608	178,503008	235,33471	258,45615	306,594494	403,895461	438,575337
2968	153,713432	178,574095	235,407258	258,510944	306,628527	403,93358	438,615464
2969	153,778261	178,645186	235,479804	258,56573	306,662551	403,971689	438,655581
2970	153,843096	178,716281	235,552348	258,62051	306,696569	404,009789	438,695688
2971	153,907936	178,787381	235,62489	258,675284	306,730578	404,04788	438,735785
2972	153,972782	178,858485	235,69743	258,73005	306,76458	404,085962	438,775873
2973	154,037633	178,929593	235,769968	258,78481	306,798574	404,124035	438,81595
2974	154,10249	179,000706	235,842503	258,839562	306,83256	404,162098	438,856018
2975	154,167352	179,071823	235,915037	258,894308	306,866539	404,200152	438,896076
2976	154,23222	179,142945	235,987568	258,949047	306,90051	404,238197	438,936125
2977	154,297093	179,21407	236,060098	259,00378	306,934474	404,276233	438,976163
2978	154,361972	179,285201	236,132625	259,058505	306,968429	404,31426	439,016192
2979	154,426856	179,356335	236,205151	259,113224	307,002378	404,352277	439,056211
2980	154,491746	179,427474	236,277674	259,167936	307,036318	404,390285	439,09622
2981	154,556641	179,498617	236,350195	259,222641	307,070251	404,428284	439,136219
2982	154,621542	179,569765	236,422714	259,277339	307,104176	404,466274	439,176209
2983	154,686448	179,640917	236,495231	259,33203	307,138094	404,504255	439,216189
2984	154,751359	179,712073	236,567746	259,386715	307,172004	404,542226	439,256159
2985	154,816276	179,783233	236,640259	259,441393	307,205906	404,580189	439,296119

2986	154,881199	179,854398	236,71277	259,496064	307,239801	404,618142	439,336069
2987	154,946127	179,925567	236,785279	259,550728	307,273688	404,656086	439,37601
2988	155,011061	179,996741	236,857786	259,605386	307,307568	404,694021	439,415941
2989	155,076	180,067919	236,93029	259,660036	307,34144	404,731947	439,455863
2990	155,140944	180,139101	237,002793	259,71468	307,375304	404,769863	439,495774
2991	155,205894	180,210288	237,075294	259,769317	307,409161	404,807771	439,535676
2992	155,27085	180,281479	237,147792	259,823948	307,44301	404,845669	439,575568
2993	155,335811	180,352674	237,220288	259,878571	307,476852	404,883559	439,615451
2994	155,400777	180,423873	237,292783	259,933188	307,510686	404,921439	439,655324
2995	155,465749	180,495077	237,365275	259,987798	307,544513	404,95931	439,695187
2996	155,530726	180,566285	237,437765	260,042402	307,578331	404,997172	439,73504
2997	155,595709	180,637498	237,510254	260,096998	307,612143	405,035025	439,774884
2998	155,660697	180,708715	237,58274	260,151588	307,645947	405,072869	439,814718
2999	155,725691	180,779936	237,655224	260,206171	307,679743	405,110703	439,854542
3000	155,79069	180,851161	237,727706	260,260748	307,713531	405,148529	439,894357
3001	155,855695	180,922391	237,800186	260,315317	307,747313	405,186346	439,934162
3002	155,920705	180,993625	237,872664	260,36988	307,781086	405,224153	439,973957
3003	155,985721	181,064864	237,94514	260,424436	307,814852	405,261951	440,013743
3004	156,050742	181,136106	238,017614	260,478986	307,848611	405,299741	440,053519
3005	156,115768	181,207353	238,090085	260,533528	307,882362	405,337521	440,093285
3006	156,1808	181,278605	238,162555	260,588064	307,916105	405,375293	440,133042
3007	156,245837	181,34986	238,235023	260,642594	307,949841	405,413055	440,172789
3008	156,31088	181,42112	238,307488	260,697116	307,98357	405,450808	440,212527
3009	156,375929	181,492385	238,379952	260,751632	308,01729	405,488552	440,252255
3010	156,440982	181,563653	238,452413	260,806141	308,051004	405,526287	440,291973
3011	156,506042	181,634926	238,524873	260,860643	308,08471	405,564013	440,331682
3012	156,571106	181,706203	238,59733	260,915139	308,118408	405,601731	440,371381
3013	156,636176	181,777485	238,669786	260,969628	308,152099	405,639439	440,41107
3014	156,701252	181,848771	238,742239	261,02411	308,185782	405,677138	440,45075
3015	156,766333	181,920061	238,81469	261,078586	308,219458	405,714828	440,490421
3016	156,831419	181,991355	238,88714	261,133055	308,253127	405,752509	440,530081
3017	156,896511	182,062654	238,959587	261,187517	308,286787	405,790181	440,569733
3018	156,961608	182,133957	239,032032	261,241972	308,320441	405,827844	440,609374
3019	157,026711	182,205264	239,104475	261,296421	308,354087	405,865499	440,649006
3020	157,091819	182,276576	239,176916	261,350863	308,387725	405,903144	440,688629
3021	157,156933	182,347892	239,249356	261,405299	308,421356	405,94078	440,728242
3022	157,222052	182,419212	239,321793	261,459727	308,45498	405,978407	440,767845
3023	157,287176	182,490536	239,394228	261,514149	308,488596	406,016025	440,807439
3024	157,352306	182,561865	239,466661	261,568565	308,522205	406,053635	440,847023
3025	157,417442	182,633198	239,539091	261,622973	308,555806	406,091235	440,886598
3026	157,482582	182,704536	239,61152	261,677376	308,5894	406,128827	440,926163
3027	157,547729	182,775877	239,683947	261,731771	308,622986	406,166409	440,965719
3028	157,61288	182,847223	239,756372	261,78616	308,656565	406,203983	441,005265
3029	157,678037	182,918573	239,828795	261,840542	308,690136	406,241547	441,044802
3030	157,7432	182,989928	239,901216	261,894917	308,7237	406,279103	441,084329
3031	157,808368	183,061287	239,973634	261,949286	308,757257	406,31665	441,123847

3032	157,873541	183,13265	240,046051	262,003648	308,790806	406,354188	441,163355
3033	157,93872	183,204017	240,118466	262,058004	308,824348	406,391717	441,202854
3034	158,003904	183,275389	240,190878	262,112352	308,857882	406,429237	441,242343
3035	158,069093	183,346765	240,263289	262,166695	308,891409	406,466748	441,281823
3036	158,134288	183,418145	240,335697	262,22103	308,924929	406,50425	441,321293
3037	158,199489	183,489529	240,408104	262,275359	308,958441	406,541744	441,360754
3038	158,264694	183,560918	240,480509	262,329681	308,991946	406,579228	441,400205
3039	158,329906	183,632311	240,552911	262,383997	309,025443	406,616704	441,439647
3040	158,395122	183,703708	240,625312	262,438306	309,058933	406,654171	441,479079
3041	158,460344	183,77511	240,69771	262,492609	309,092416	406,691629	441,518502
3042	158,525572	183,846516	240,770106	262,546904	309,125891	406,729078	441,557916
3043	158,590804	183,917926	240,842501	262,601194	309,159359	406,766518	441,59732
3044	158,656043	183,98934	240,914893	262,655476	309,192819	406,803949	441,636715
3045	158,721286	184,060759	240,987284	262,709752	309,226272	406,841372	441,6761
3046	158,786535	184,132182	241,059672	262,764022	309,259718	406,878785	441,715476
3047	158,85179	184,203609	241,132058	262,818284	309,293156	406,91619	441,754842
3048	158,917049	184,27504	241,204443	262,872541	309,326588	406,953586	441,794199
3049	158,982315	184,346476	241,276825	262,92679	309,360011	406,990973	441,833547
3050	159,047585	184,417916	241,349205	262,981033	309,393428	407,028352	441,872885
3051	159,112861	184,48936	241,421583	263,03527	309,426836	407,065721	441,912214
3052	159,178143	184,560809	241,49396	263,089499	309,460238	407,103082	441,951534
3053	159,243429	184,632261	241,566334	263,143723	309,493632	407,140434	441,990844
3054	159,308722	184,703718	241,638706	263,197939	309,527019	407,177777	442,030145
3055	159,374019	184,77518	241,711076	263,252149	309,560399	407,215111	442,069436
3056	159,439322	184,846645	241,783444	263,306353	309,593771	407,252436	442,108718
3057	159,504631	184,918115	241,85581	263,36055	309,627136	407,289753	442,147991
3058	159,569944	184,989589	241,928175	263,41474	309,660494	407,327061	442,187254
3059	159,635263	185,061067	242,000537	263,468924	309,693844	407,36436	442,226508
3060	159,700588	185,13255	242,072897	263,523101	309,727188	407,401651	442,265752
3061	159,765918	185,204036	242,145255	263,577272	309,760523	407,438932	442,304988
3062	159,831253	185,275527	242,217611	263,631436	309,793852	407,476205	442,344214
3063	159,896594	185,347023	242,289965	263,685593	309,827173	407,513469	442,38343
3064	159,96194	185,418522	242,362317	263,739744	309,860487	407,550724	442,422637
3065	160,027291	185,490026	242,434667	263,793889	309,893793	407,587971	442,461835
3066	160,092648	185,561534	242,507015	263,848027	309,927093	407,625209	442,501024
3067	160,15801	185,633046	242,579362	263,902158	309,960385	407,662438	442,540203
3068	160,223377	185,704562	242,651706	263,956283	309,99367	407,699658	442,579373
3069	160,28875	185,776083	242,724048	264,010401	310,026947	407,73687	442,618534
3070	160,354129	185,847608	242,796388	264,064513	310,060217	407,774073	442,657686
3071	160,419512	185,919137	242,868726	264,118618	310,09348	407,811267	442,696828
3072	160,484901	185,990671	242,941062	264,172717	310,126736	407,848452	442,735961
3073	160,550295	186,062208	243,013396	264,226809	310,159984	407,885629	442,775084
3074	160,615695	186,13375	243,085728	264,280895	310,193226	407,922797	442,814199
3075	160,6811	186,205296	243,158058	264,334974	310,22646	407,959956	442,853304
3076	160,746511	186,276847	243,230386	264,389046	310,259686	407,997107	442,892399
3077	160,811926	186,348401	243,302712	264,443112	310,292906	408,034249	442,931486

3078	160,877348	186,41996	243,375036	264,497172	310,326118	408,071382	442,970563
3079	160,942774	186,491523	243,447358	264,551225	310,359323	408,108507	443,009631
3080	161,008206	186,56309	243,519678	264,605271	310,392521	408,145623	443,04869
3081	161,073643	186,634662	243,591996	264,659312	310,425711	408,18273	443,08774
3082	161,139086	186,706237	243,664312	264,713345	310,458895	408,219829	443,12678
3083	161,204534	186,777817	243,736627	264,767372	310,492071	408,256919	443,165811
3084	161,269987	186,849401	243,808939	264,821393	310,52524	408,294	443,204833
3085	161,335446	186,92099	243,881249	264,875407	310,558401	408,331073	443,243846
3086	161,40091	186,992582	243,953557	264,929414	310,591556	408,368136	443,282849
3087	161,466379	187,064179	244,025863	264,983415	310,624703	408,405192	443,321844
3088	161,531854	187,13578	244,098167	265,03741	310,657843	408,442239	443,360829
3089	161,597334	187,207386	244,170469	265,091398	310,690976	408,479277	443,399805
3090	161,662819	187,278995	244,242769	265,14538	310,724102	408,516306	443,438772
3091	161,72831	187,350609	244,315068	265,199355	310,75722	408,553327	443,477729
3092	161,793806	187,422227	244,387364	265,253324	310,790332	408,590339	443,516677
3093	161,859307	187,493849	244,459658	265,307286	310,823436	408,627343	443,555617
3094	161,924814	187,565475	244,53195	265,361242	310,856533	408,664338	443,594547
3095	161,990326	187,637106	244,60424	265,415191	310,889622	408,701324	443,633468
3096	162,055843	187,70874	244,676528	265,469134	310,922705	408,738302	443,672379
3097	162,121366	187,780379	244,748815	265,52307	310,955781	408,775271	443,711282
3098	162,186894	187,852022	244,821099	265,577	310,988849	408,812231	443,750175
3099	162,252427	187,92367	244,893381	265,630924	311,02191	408,849183	443,78906
3100	162,317966	187,995321	244,965662	265,684841	311,054964	408,886127	443,827935
3101	162,38351	188,066977	245,03794	265,738751	311,088011	408,923062	443,866801
3102	162,44906	188,138637	245,110216	265,792655	311,121051	408,959988	443,905658
3103	162,514614	188,210301	245,18249	265,846553	311,154083	408,996906	443,944505
3104	162,580174	188,28197	245,254763	265,900444	311,187109	409,033815	443,983344
3105	162,64574	188,353642	245,327033	265,954329	311,220127	409,070715	444,022174
3106	162,71131	188,425319	245,399302	266,008208	311,253138	409,107607	444,060994
3107	162,776886	188,497	245,471568	266,06208	311,286142	409,144491	444,099805
3108	162,842468	188,568685	245,543832	266,115945	311,319139	409,181366	444,138608
3109	162,908054	188,640374	245,616095	266,169804	311,352129	409,218232	444,177401
3110	162,973646	188,712068	245,688355	266,223657	311,385112	409,25509	444,216185
3111	163,039243	188,783766	245,760614	266,277503	311,418088	409,29194	444,25496
3112	163,104846	188,855468	245,832871	266,331343	311,451056	409,32878	444,293726
3113	163,170454	188,927174	245,905125	266,385177	311,484018	409,365613	444,332482
3114	163,236067	188,998884	245,977378	266,439004	311,516972	409,402436	444,37123
3115	163,301686	189,070599	246,049628	266,492824	311,549919	409,439252	444,409969
3116	163,367309	189,142317	246,121877	266,546638	311,582859	409,476059	444,448699
3117	163,432939	189,21404	246,194124	266,600446	311,615792	409,512857	444,487419
3118	163,498573	189,285767	246,266368	266,654248	311,648718	409,549647	444,526131
3119	163,564213	189,357499	246,338611	266,708043	311,681637	409,586428	444,564833
3120	163,629858	189,429234	246,410852	266,761831	311,714549	409,623201	444,603527
3121	163,695508	189,500974	246,483091	266,815614	311,747454	409,659965	444,642211
3122	163,761164	189,572717	246,555328	266,86939	311,780352	409,696721	444,680887
3123	163,826825	189,644465	246,627562	266,923159	311,813242	409,733468	444,719553

3124	163,892491	189,716218	246,699795	266,976922	311,846126	409,770207	444,758211
3125	163,958163	189,787974	246,772026	267,030679	311,879002	409,806938	444,796859
3126	164,023839	189,859734	246,844255	267,084429	311,911872	409,84366	444,835498
3127	164,089522	189,931499	246,916482	267,138173	311,944734	409,880373	444,874129
3128	164,155209	190,003268	246,988707	267,191911	311,97759	409,917078	444,91275
3129	164,220902	190,075041	247,060931	267,245642	312,010438	409,953775	444,951363
3130	164,2866	190,146818	247,133152	267,299367	312,043279	409,990463	444,989966
3131	164,352303	190,2186	247,205371	267,353086	312,076113	410,027143	445,02856
3132	164,418012	190,290385	247,277588	267,406798	312,108941	410,063814	445,067146
3133	164,483726	190,362175	247,349803	267,460504	312,141761	410,100477	445,105722
3134	164,549445	190,433969	247,422017	267,514203	312,174574	410,137132	445,14429
3135	164,615169	190,505767	247,494228	267,567896	312,20738	410,173778	445,182848
3136	164,680899	190,577569	247,566437	267,621583	312,240179	410,210416	445,221398
3137	164,746634	190,649375	247,638645	267,675264	312,272972	410,247045	445,259939
3138	164,812374	190,721186	247,71085	267,728938	312,305757	410,283666	445,29847
3139	164,87812	190,793001	247,783054	267,782605	312,338535	410,320278	445,336993
3140	164,943871	190,864819	247,855255	267,836267	312,371306	410,356882	445,375507
3141	165,009627	190,936643	247,927455	267,889922	312,40407	410,393478	445,414012
3142	165,075388	191,00847	247,999652	267,943571	312,436827	410,430065	445,452508
3143	165,141155	191,080301	248,071848	267,997213	312,469578	410,466644	445,490995
3144	165,206927	191,152137	248,144042	268,050849	312,502321	410,503215	445,529473
3145	165,272704	191,223976	248,216234	268,104479	312,535057	410,539777	445,567942
3146	165,338487	191,29582	248,288424	268,158102	312,567786	410,576331	445,606403
3147	165,404275	191,367668	248,360611	268,211719	312,600508	410,612876	445,644854
3148	165,470068	191,43952	248,432797	268,26533	312,633224	410,649414	445,683297
3149	165,535866	191,511376	248,504981	268,318935	312,665932	410,685942	445,72173
3150	165,60167	191,583237	248,577163	268,372533	312,698633	410,722463	445,760155
3151	165,667479	191,655101	248,649343	268,426125	312,731328	410,758975	445,798571
3152	165,733293	191,72697	248,721522	268,47971	312,764015	410,795479	445,836978
3153	165,799112	191,798843	248,793698	268,53329	312,796696	410,831974	445,875376
3154	165,864937	191,87072	248,865872	268,586863	312,829369	410,868461	445,913765
3155	165,930767	191,942601	248,938044	268,640429	312,862036	410,90494	445,952146
3156	165,996602	192,014486	249,010215	268,69399	312,894696	410,94141	445,990517
3157	166,062442	192,086376	249,082383	268,747544	312,927348	410,977872	446,02888
3158	166,128288	192,158269	249,15455	268,801092	312,959994	411,014326	446,067234
3159	166,194139	192,230167	249,226714	268,854633	312,992633	411,050772	446,105579
3160	166,259995	192,302069	249,298877	268,908169	313,025265	411,087209	446,143915
3161	166,325857	192,373975	249,371037	268,961698	313,05789	411,123638	446,182242
3162	166,391723	192,445885	249,443196	269,01522	313,090508	411,160058	446,220561
3163	166,457595	192,517799	249,515353	269,068737	313,123119	411,196471	446,258871
3164	166,523473	192,589718	249,587508	269,122247	313,155724	411,232875	446,297172
3165	166,589355	192,66164	249,659661	269,175751	313,188321	411,26927	446,335464
3166	166,655243	192,733567	249,731812	269,229249	313,220911	411,305658	446,373747
3167	166,721136	192,805498	249,803961	269,28274	313,253495	411,342037	446,412021
3168	166,787034	192,877433	249,876108	269,336225	313,286072	411,378408	446,450287
3169	166,852937	192,949372	249,948253	269,389704	313,318641	411,414771	446,488544

3170	166,918846	193,021315	250,020396	269,443176	313,351204	411,451125	446,526792
3171	166,98476	193,093262	250,092537	269,496643	313,38376	411,487471	446,565031
3172	167,050679	193,165214	250,164677	269,550103	313,41631	411,523809	446,603261
3173	167,116604	193,237169	250,236814	269,603557	313,448852	411,560139	446,641483
3174	167,182533	193,309129	250,30895	269,657004	313,481387	411,59646	446,679696
3175	167,248468	193,381093	250,381083	269,710446	313,513916	411,632774	446,7179
3176	167,314408	193,453061	250,453215	269,763881	313,546437	411,669079	446,756096
3177	167,380353	193,525033	250,525344	269,81731	313,578952	411,705375	446,794282
3178	167,446304	193,597009	250,597472	269,870733	313,61146	411,741664	446,83246
3179	167,51226	193,668989	250,669598	269,924149	313,643961	411,777944	446,870629
3180	167,578221	193,740974	250,741722	269,977559	313,676455	411,814216	446,90879
3181	167,644187	193,812962	250,813844	270,030963	313,708943	411,85048	446,946942
3182	167,710159	193,884955	250,885964	270,084361	313,741423	411,886736	446,985084
3183	167,776135	193,956952	250,958082	270,137753	313,773897	411,922984	447,023219
3184	167,842117	194,028953	251,030198	270,191138	313,806364	411,959223	447,061344
3185	167,908104	194,100958	251,102312	270,244517	313,838824	411,995454	447,099461
3186	167,974097	194,172967	251,174425	270,29789	313,871277	412,031677	447,137569
3187	168,040094	194,24498	251,246535	270,351257	313,903723	412,067892	447,175668
3188	168,106097	194,316997	251,318644	270,404617	313,936163	412,104098	447,213759
3189	168,172105	194,389019	251,39075	270,457971	313,968596	412,140297	447,251841
3190	168,238119	194,461044	251,462855	270,511319	314,001021	412,176487	447,289914
3191	168,304137	194,533074	251,534958	270,564661	314,033441	412,212669	447,327979
3192	168,370161	194,605108	251,607058	270,617997	314,065853	412,248843	447,366035
3193	168,43619	194,677146	251,679157	270,671327	314,098258	412,285009	447,404082
3194	168,502224	194,749188	251,751254	270,72465	314,130657	412,321166	447,44212
3195	168,568263	194,821234	251,823349	270,777967	314,163049	412,357316	447,48015
3196	168,634308	194,893284	251,895443	270,831278	314,195434	412,393457	447,518171
3197	168,700357	194,965338	251,967534	270,884583	314,227812	412,42959	447,556184
3198	168,766412	195,037397	252,039623	270,937881	314,260184	412,465715	447,594188
3199	168,832473	195,109459	252,11171	270,991174	314,292548	412,501832	447,632183
3200	168,898538	195,181526	252,183796	271,04446	314,324906	412,537941	447,67017
3201	168,964608	195,253596	252,255879	271,09774	314,357257	412,574042	447,708148
3202	169,030684	195,325671	252,327961	271,151014	314,389602	412,610134	447,746117
3203	169,096765	195,39775	252,400041	271,204282	314,421939	412,646219	447,784077
3204	169,162851	195,469833	252,472119	271,257543	314,45427	412,682295	447,822029
3205	169,228943	195,54192	252,544195	271,310799	314,486594	412,718363	447,859973
3206	169,295039	195,614011	252,616269	271,364048	314,518912	412,754424	447,897908
3207	169,361141	195,686106	252,688341	271,417291	314,551222	412,790476	447,935834
3208	169,427248	195,758206	252,760411	271,470528	314,583526	412,82652	447,973751
3209	169,49336	195,830309	252,832479	271,523759	314,615823	412,862555	448,01166
3210	169,559478	195,902416	252,904545	271,576983	314,648113	412,898583	448,049561
3211	169,6256	195,974528	252,97661	271,630202	314,680397	412,934603	448,087452
3212	169,691728	196,046644	253,048672	271,683414	314,712674	412,970615	448,125336
3213	169,757861	196,118763	253,120733	271,73662	314,744944	413,006618	448,16321
3214	169,823999	196,190887	253,192792	271,78982	314,777207	413,042614	448,201076
3215	169,890142	196,263015	253,264849	271,843014	314,809464	413,078601	448,238934

3216	169,956291	196,335147	253,336903	271,896202	314,841714	413,114581	448,276782
3217	170,022444	196,407283	253,408956	271,949384	314,873957	413,150552	448,314623
3218	170,088603	196,479423	253,481008	272,002559	314,906193	413,186515	448,352454
3219	170,154767	196,551567	253,553057	272,055729	314,938423	413,222471	448,390277
3220	170,220937	196,623716	253,625104	272,108892	314,970646	413,258418	448,428092
3221	170,287111	196,695868	253,697149	272,162049	315,002863	413,294357	448,465898
3222	170,353291	196,768025	253,769193	272,2152	315,035072	413,330288	448,503696
3223	170,419475	196,840185	253,841235	272,268345	315,067275	413,366211	448,541484
3224	170,485665	196,91235	253,913274	272,321484	315,099471	413,402127	448,579265
3225	170,55186	196,984518	253,985312	272,374617	315,131661	413,438034	448,617037
3226	170,618061	197,056691	254,057348	272,427744	315,163844	413,473933	448,6548
3227	170,684266	197,128868	254,129382	272,480864	315,19602	413,509824	448,692555
3228	170,750477	197,201049	254,201414	272,533979	315,228189	413,545707	448,730301
3229	170,816692	197,273234	254,273444	272,587087	315,260352	413,581582	448,768039
3230	170,882913	197,345423	254,345473	272,640189	315,292508	413,617449	448,805768
3231	170,94914	197,417616	254,417499	272,693285	315,324658	413,653308	448,843489
3232	171,015371	197,489813	254,489523	272,746375	315,356801	413,689159	448,881201
3233	171,081607	197,562014	254,561546	272,799459	315,388937	413,725003	448,918905
3234	171,147849	197,634219	254,633567	272,852537	315,421066	413,760838	448,9566
3235	171,214096	197,706429	254,705586	272,905609	315,453189	413,796665	448,994287
3236	171,280348	197,778642	254,777603	272,958675	315,485305	413,832484	449,031966
3237	171,346605	197,850859	254,849618	273,011734	315,517415	413,868295	449,069635
3238	171,412867	197,923081	254,921631	273,064788	315,549518	413,904099	449,107297
3239	171,479135	197,995307	254,993642	273,117836	315,581614	413,939894	449,14495
3240	171,545407	198,067536	255,065651	273,170877	315,613703	413,975681	449,182594
3241	171,611685	198,13977	255,137659	273,223912	315,645786	414,011461	449,22023
3242	171,677968	198,212007	255,209665	273,276942	315,677863	414,047232	449,257858
3243	171,744256	198,284249	255,281668	273,329965	315,709932	414,082996	449,295477
3244	171,810549	198,356495	255,35367	273,382982	315,741995	414,118752	449,333087
3245	171,876847	198,428745	255,42567	273,435993	315,774052	414,154499	449,37069
3246	171,943151	198,500999	255,497668	273,488998	315,806101	414,190239	449,408283
3247	172,00946	198,573257	255,569664	273,541997	315,838145	414,225971	449,445869
3248	172,075773	198,645519	255,641659	273,59499	315,870181	414,261695	449,483445
3249	172,142092	198,717785	255,713651	273,647977	315,902211	414,297411	449,521014
3250	172,208416	198,790055	255,785642	273,700958	315,934234	414,333119	449,558574
3251	172,274746	198,862329	255,85763	273,753933	315,966251	414,368819	449,596126
3252	172,34108	198,934607	255,929617	273,806902	315,998261	414,404511	449,633669
3253	172,407419	199,00689	256,001602	273,859864	316,030265	414,440196	449,671204
3254	172,473764	199,079176	256,073585	273,912821	316,062262	414,475872	449,70873
3255	172,540114	199,151466	256,145566	273,965772	316,094252	414,511541	449,746248
3256	172,606469	199,223761	256,217545	274,018716	316,126236	414,547202	449,783758
3257	172,672829	199,296059	256,289523	274,071655	316,158213	414,582855	449,821259
3258	172,739194	199,368361	256,361498	274,124588	316,190184	414,6185	449,858752
3259	172,805565	199,440668	256,433472	274,177514	316,222148	414,654137	449,896236
3260	172,87194	199,512978	256,505443	274,230435	316,254105	414,689766	449,933712
3261	172,938321	199,585293	256,577413	274,283349	316,286056	414,725387	449,97118

3262	173,004706	199,657611	256,649381	274,336258	316,318	414,761001	450,008639
3263	173,071097	199,729934	256,721347	274,389161	316,349938	414,796606	450,04609
3264	173,137493	199,802261	256,793311	274,442057	316,381869	414,832204	450,083533
3265	173,203894	199,874591	256,865274	274,494948	316,413794	414,867794	450,120967
3266	173,270301	199,946926	256,937234	274,547832	316,445712	414,903376	450,158393
3267	173,336712	200,019265	257,009193	274,600711	316,477623	414,938951	450,195811
3268	173,403129	200,091608	257,08115	274,653583	316,509528	414,974517	450,23322
3269	173,46955	200,163954	257,153104	274,70645	316,541427	415,010076	450,270621
3270	173,535977	200,236305	257,225057	274,75931	316,573319	415,045626	450,308014
3271	173,602409	200,30866	257,297009	274,812165	316,605204	415,081169	450,345398
3272	173,668846	200,381019	257,368958	274,865013	316,637083	415,116705	450,382774
3273	173,735288	200,453382	257,440905	274,917856	316,668955	415,152232	450,420142
3274	173,801735	200,525749	257,512851	274,970692	316,700821	415,187751	450,457501
3275	173,868187	200,59812	257,584794	275,023523	316,73268	415,223263	450,494852
3276	173,934645	200,670494	257,656736	275,076348	316,764533	415,258767	450,532195
3277	174,001107	200,742873	257,728676	275,129166	316,796379	415,294263	450,569529
3278	174,067575	200,815256	257,800614	275,181979	316,828219	415,329751	450,606855
3279	174,134048	200,887643	257,87255	275,234786	316,860052	415,365232	450,644173
3280	174,200526	200,960034	257,944485	275,287586	316,891879	415,400705	450,681482
3281	174,267009	201,032429	258,016417	275,340381	316,923699	415,43617	450,718784
3282	174,333497	201,104828	258,088348	275,39317	316,955513	415,471627	450,756077
3283	174,39999	201,177231	258,160276	275,445953	316,98732	415,507076	450,793361
3284	174,466489	201,249639	258,232203	275,49873	317,019121	415,542518	450,830638
3285	174,532992	201,32205	258,304128	275,551501	317,050915	415,577952	450,867906
3286	174,5995	201,394465	258,376051	275,604266	317,082702	415,613378	450,905166
3287	174,666014	201,466884	258,447973	275,657025	317,114484	415,648796	450,942418
3288	174,732533	201,539307	258,519892	275,709778	317,146258	415,684207	450,979661
3289	174,799057	201,611734	258,59181	275,762525	317,178027	415,71961	451,016896
3290	174,865586	201,684165	258,663725	275,815266	317,209788	415,755005	451,054123
3291	174,93212	201,7566	258,735639	275,868001	317,241544	415,790392	451,091342
3292	174,998659	201,829039	258,807551	275,920731	317,273293	415,825772	451,128552
3293	175,065203	201,901482	258,879461	275,973454	317,305035	415,861144	451,165754
3294	175,131752	201,973929	258,95137	276,026171	317,336771	415,896508	451,202948
3295	175,198307	202,046381	259,023276	276,078883	317,3685	415,931864	451,240134
3296	175,264866	202,118836	259,095181	276,131588	317,400223	415,967213	451,277312
3297	175,331431	202,191295	259,167083	276,184288	317,43194	416,002554	451,314481
3298	175,398001	202,263758	259,238984	276,236982	317,46365	416,037887	451,351642
3299	175,464575	202,336225	259,310883	276,28967	317,495354	416,073213	451,388795
3300	175,531155	202,408696	259,38278	276,342352	317,527051	416,108531	451,42594
3301	175,59774	202,481171	259,454676	276,395028	317,558742	416,143841	451,463076
3302	175,66433	202,55365	259,526569	276,447698	317,590426	416,179143	451,500205
3303	175,730925	202,626133	259,598461	276,500362	317,622104	416,214438	451,537325
3304	175,797525	202,69862	259,67035	276,55302	317,653776	416,249725	451,574437
3305	175,864131	202,771111	259,742238	276,605672	317,685441	416,285005	451,611154
3306	175,930741	202,843607	259,814124	276,658319	317,717099	416,320276	451,648636
3307	175,997357	202,916106	259,886008	276,710959	317,748752	416,35554	451,685723

3308	176,063977	202,988609	259,957891	276,763594	317,780397	416,390797	451,722803
3309	176,130603	203,061116	260,029771	276,816223	317,812037	416,426045	451,759874
3310	176,197233	203,133627	260,10165	276,868845	317,84367	416,461286	451,796937
3311	176,263869	203,206142	260,173527	276,921462	317,875296	416,49652	451,833992
3312	176,33051	203,278661	260,245402	276,974073	317,906917	416,531746	451,871038
3313	176,397156	203,351183	260,317275	277,026679	317,93853	416,566964	451,908077
3314	176,463807	203,42371	260,389146	277,079278	317,970138	416,602174	451,945107
3315	176,530463	203,496241	260,461016	277,131871	318,001739	416,637377	451,982129
3316	176,597124	203,568776	260,532883	277,184459	318,033333	416,672572	452,019143
3317	176,66379	203,641315	260,604749	277,23704	318,064922	416,707759	452,056149
3318	176,730461	203,713858	260,676613	277,289616	318,096504	416,742939	452,093147
3319	176,797137	203,786405	260,748475	277,342186	318,128079	416,778112	452,130137
3320	176,863819	203,858956	260,820335	277,39475	318,159648	416,813276	452,167119
3321	176,930505	203,93151	260,892194	277,447308	318,191211	416,848433	452,204092
3322	176,997197	204,004069	260,96405	277,499861	318,222767	416,883582	452,241057
3323	177,063893	204,076632	261,035905	277,552407	318,254317	416,918724	452,278015
3324	177,130595	204,149198	261,107758	277,604948	318,285861	416,953858	452,314964
3325	177,197301	204,221769	261,179609	277,657482	318,317398	416,988985	452,351905
3326	177,264013	204,294344	261,251458	277,710011	318,348929	417,024104	452,388838
3327	177,33073	204,366922	261,323305	277,762534	318,380454	417,059215	452,425763
3328	177,397452	204,439505	261,395151	277,815051	318,411972	417,094319	452,46268
3329	177,464179	204,512091	261,466994	277,867563	318,443484	417,129415	452,499589
3330	177,530911	204,584682	261,538836	277,920068	318,474989	417,164504	452,536489
3331	177,597648	204,657276	261,610676	277,972568	318,506488	417,199585	452,573382
3332	177,66439	204,729875	261,682515	278,025061	318,537981	417,234658	452,610267
3333	177,731137	204,802477	261,754351	278,077549	318,569468	417,269724	452,647143
3334	177,797889	204,875084	261,826185	278,130032	318,600948	417,304782	452,684012
3335	177,864646	204,947694	261,898018	278,182508	318,632422	417,339833	452,720872
3336	177,931408	205,020308	261,969849	278,234978	318,663889	417,374876	452,757724
3337	177,998175	205,092926	262,041678	278,287443	318,69535	417,409912	452,794569
3338	178,064948	205,165549	262,113505	278,339902	318,726805	417,44494	452,831405
3339	178,131725	205,238175	262,185331	278,392355	318,758254	417,47996	452,868233
3340	178,198507	205,310805	262,257154	278,444802	318,789696	417,514973	452,905053
3341	178,265295	205,383439	262,328976	278,497243	318,821132	417,549978	452,941865
3342	178,332087	205,456077	262,400796	278,549679	318,852561	417,584976	452,97867
3343	178,398885	205,528719	262,472614	278,602108	318,883985	417,619967	453,015466
3344	178,465687	205,601365	262,54443	278,654532	318,915402	417,654949	453,052254
3345	178,532495	205,674015	262,616244	278,70695	318,946813	417,689925	453,089034
3346	178,599308	205,746668	262,688057	278,759362	318,978217	417,724892	453,125806
3347	178,666125	205,819326	262,759868	278,811769	319,009615	417,759853	453,16257
3348	178,732948	205,891988	262,831677	278,864169	319,041007	417,794805	453,199326
3349	178,799776	205,964654	262,903484	278,916564	319,072392	417,82975	453,236074
3350	178,866608	206,037323	262,975289	278,968953	319,103772	417,864688	453,272814
3351	178,933446	206,109997	263,047093	279,021337	319,135145	417,899618	453,309547
3352	179,000289	206,182674	263,118894	279,073714	319,166512	417,934541	453,346271
3353	179,067137	206,255356	263,190694	279,126086	319,197872	417,969456	453,382987

3354	179,13399	206,328041	263,262492	279,178452	319,229226	418,004364	453,419695
3355	179,200847	206,40073	263,334288	279,230812	319,260574	418,039264	453,456395
3356	179,26771	206,473424	263,406083	279,283166	319,291916	418,074157	453,493088
3357	179,334578	206,546121	263,477875	279,335515	319,323251	418,109042	453,529772
3358	179,401451	206,618822	263,549666	279,387857	319,35458	418,14392	453,566448
3359	179,468329	206,691527	263,621455	279,440194	319,385903	418,17879	453,603117
3360	179,535212	206,764236	263,693242	279,492525	319,41722	418,213653	453,639777
3361	179,6021	206,836949	263,765027	279,544851	319,44853	418,248508	453,67643
3362	179,668993	206,909666	263,836811	279,597171	319,479834	418,283356	453,713074
3363	179,735891	206,982387	263,908592	279,649484	319,511132	418,318196	453,749711
3364	179,802794	207,055112	263,980372	279,701793	319,542424	418,353029	453,78634
3365	179,869702	207,12784	264,05215	279,754095	319,573709	418,387855	453,82296
3366	179,936615	207,200573	264,123927	279,806391	319,604989	418,422673	453,859573
3367	180,003533	207,27331	264,195701	279,858682	319,636262	418,457483	453,896178
3368	180,070457	207,34605	264,267474	279,910967	319,667528	418,492287	453,932775
3369	180,137385	207,418794	264,339244	279,963247	319,698789	418,527082	453,969364
3370	180,204318	207,491543	264,411013	280,01552	319,730043	418,561871	454,005945
3371	180,271256	207,564295	264,48278	280,067788	319,761291	418,596652	454,042519
3372	180,338199	207,637051	264,554546	280,12005	319,792533	418,631425	454,079084
3373	180,405147	207,709811	264,626309	280,172307	319,823769	418,666191	454,115642
3374	180,4721	207,782575	264,698071	280,224557	319,854998	418,70095	454,152191
3375	180,539058	207,855343	264,769831	280,276802	319,886222	418,735701	454,188733
3376	180,606021	207,928115	264,841589	280,329041	319,917439	418,770445	454,225267
3377	180,67299	208,000891	264,913345	280,381275	319,948649	418,805181	454,261793
3378	180,739963	208,073671	264,9851	280,433502	319,979854	418,83991	454,298311
3379	180,806941	208,146454	265,056853	280,485724	320,011053	418,874632	454,334821
3380	180,873924	208,219242	265,128604	280,53794	320,042245	418,909346	454,371323
3381	180,940912	208,292033	265,200353	280,590151	320,073431	418,944053	454,407818
3382	181,007905	208,364829	265,2721	280,642356	320,104611	418,978752	454,444304
3383	181,074903	208,437628	265,343845	280,694555	320,135785	419,013444	454,480783
3384	181,141906	208,510431	265,415589	280,746748	320,166952	419,048129	454,517254
3385	181,208914	208,583239	265,487331	280,798936	320,198114	419,082806	454,553717
3386	181,275928	208,65605	265,559071	280,851117	320,229269	419,117476	454,590172
3387	181,342946	208,728865	265,630809	280,903294	320,260418	419,152139	454,62662
3388	181,409969	208,801683	265,702546	280,955464	320,291561	419,186794	454,663059
3389	181,476997	208,874506	265,774281	281,007629	320,322698	419,221442	454,699491
3390	181,54403	208,947333	265,846013	281,059788	320,353828	419,256082	454,735915
3391	181,611068	209,020163	265,917744	281,111941	320,384953	419,290715	454,772331
3392	181,678111	209,092998	265,989474	281,164089	320,416071	419,325341	454,808739
3393	181,745159	209,165836	266,061201	281,216231	320,447183	419,359959	454,84514
3394	181,812212	209,238679	266,132927	281,268367	320,478289	419,39457	454,881532
3395	181,87927	209,311525	266,204651	281,320498	320,509389	419,429174	454,917917
3396	181,946332	209,384375	266,276373	281,372622	320,540482	419,463771	454,954294
3397	182,0134	209,457229	266,348093	281,424742	320,57157	419,49836	454,990663
3398	182,080473	209,530087	266,419812	281,476855	320,602651	419,532941	455,027025
3399	182,147551	209,602949	266,491528	281,528963	320,633727	419,567516	455,063378

3400	182,214634	209,675815	266,563243	281,581065	320,664796	419,602083	455,099724
3401	182,281722	209,748684	266,634956	281,633162	320,695859	419,636643	455,136062
3402	182,348814	209,821558	266,706668	281,685252	320,726916	419,671195	455,172392
3403	182,415912	209,894435	266,778377	281,737337	320,757967	419,70574	455,208715
3404	182,483015	209,967316	266,850085	281,789417	320,789011	419,740278	455,24503
3405	182,550123	210,040202	266,921791	281,841491	320,82005	419,774809	455,281337
3406	182,617235	210,113091	266,993495	281,893559	320,851082	419,809332	455,317636
3407	182,684353	210,185984	267,065198	281,945621	320,882109	419,843848	455,353927
3408	182,751475	210,258881	267,136898	281,997678	320,913129	419,878357	455,390211
3409	182,818603	210,331781	267,208597	282,049729	320,944143	419,912858	455,426487
3410	182,885735	210,404686	267,280294	282,101774	320,975151	419,947352	455,462755
3411	182,952873	210,477594	267,351989	282,153814	321,006153	419,981839	455,499015
3412	183,020015	210,550507	267,423683	282,205848	321,037149	420,016319	455,535268
3413	183,087163	210,623423	267,495374	282,257877	321,068139	420,050791	455,571513
3414	183,154315	210,696343	267,567064	282,3099	321,099122	420,085256	455,60775
3415	183,221472	210,769268	267,638752	282,361917	321,1301	420,119714	455,64398
3416	183,288635	210,842196	267,710439	282,413928	321,161072	420,154164	455,680201
3417	183,355802	210,915127	267,782123	282,465934	321,192037	420,188607	455,716415
3418	183,422974	210,988063	267,853806	282,517935	321,222996	420,223043	455,752622
3419	183,490151	211,061003	267,925487	282,569929	321,25395	420,257472	455,78882
3420	183,557333	211,133946	267,997166	282,621918	321,284897	420,291894	455,825011
3421	183,62452	211,206894	268,068843	282,673902	321,315838	420,326308	455,861195
3422	183,691712	211,279845	268,140519	282,725879	321,346773	420,360715	455,89737
3423	183,758909	211,3528	268,212193	282,777851	321,377702	420,395115	455,933538
3424	183,826111	211,425759	268,283865	282,829818	321,408625	420,429507	455,969698
3425	183,893318	211,498722	268,355535	282,881779	321,439542	420,463893	456,00585
3426	183,96053	211,571689	268,427204	282,933734	321,470453	420,498271	456,041995
3427	184,027746	211,644659	268,49887	282,985683	321,501358	420,532642	456,078132
3428	184,094968	211,717634	268,570535	283,037627	321,532257	420,567005	456,114261
3429	184,162194	211,790612	268,642198	283,089566	321,563149	420,601362	456,150383
3430	184,229426	211,863594	268,71386	283,141499	321,594036	420,635711	456,186497
3431	184,296663	211,936581	268,785519	283,193426	321,624917	420,670053	456,222604
3432	184,363904	212,009571	268,857177	283,245347	321,655792	420,704388	456,258702
3433	184,43115	212,082564	268,928833	283,297263	321,68666	420,738715	456,294793
3434	184,498402	212,155562	269,000488	283,349173	321,717523	420,773036	456,330877
3435	184,565658	212,228564	269,07214	283,401078	321,748379	420,807349	456,366952
3436	184,632919	212,301569	269,143791	283,452977	321,77923	420,841655	456,403021
3437	184,700185	212,374579	269,21544	283,504871	321,810074	420,875954	456,439081
3438	184,767456	212,447592	269,287087	283,556759	321,840913	420,910246	456,475134
3439	184,834732	212,520609	269,358732	283,608641	321,871745	420,94453	456,511179
3440	184,902013	212,59363	269,430376	283,660518	321,902572	420,978807	456,547216
3441	184,969299	212,666654	269,502018	283,712389	321,933392	421,013078	456,583246
3442	185,03659	212,739683	269,573658	283,764254	321,964207	421,047341	456,619269
3443	185,103885	212,812716	269,645296	283,816114	321,995015	421,081596	456,655283
3444	185,171186	212,885752	269,716933	283,867969	322,025818	421,115845	456,69129
3445	185,238491	212,958792	269,788568	283,919818	322,056614	421,150087	456,72729

3446	185,305802	213,031836	269,860201	283,971661	322,087405	421,184321	456,763282
3447	185,373117	213,104884	269,931832	284,023499	322,118189	421,218548	456,799266
3448	185,440438	213,177936	270,003462	284,075331	322,148968	421,252768	456,835243
3449	185,507763	213,250992	270,075089	284,127157	322,17974	421,286981	456,871212
3450	185,575093	213,324051	270,146715	284,178978	322,210507	421,321187	456,907173
3451	185,642428	213,397114	270,21834	284,230793	322,241268	421,355386	456,943127
3452	185,709768	213,470182	270,289962	284,282603	322,272022	421,389577	456,979073
3453	185,777113	213,543253	270,361583	284,334408	322,302771	421,423762	457,015012
3454	185,844463	213,616327	270,433202	284,386206	322,333513	421,457939	457,050943
3455	185,911818	213,689406	270,504819	284,437999	322,36425	421,492109	457,086866
3456	185,979177	213,762489	270,576434	284,489787	322,394981	421,526272	457,122782
3457	186,046542	213,835575	270,648048	284,541569	322,425706	421,560428	457,158691
3458	186,113911	213,908665	270,71966	284,593345	322,456425	421,594577	457,194592
3459	186,181286	213,98176	270,79127	284,645116	322,487137	421,628719	457,230485
3460	186,248665	214,054858	270,862878	284,696882	322,517844	421,662853	457,266371
3461	186,316049	214,127959	270,934485	284,748642	322,548545	421,696981	457,302249
3462	186,383438	214,201065	271,00609	284,800396	322,57924	421,731101	457,338119
3463	186,450832	214,274174	271,077693	284,852145	322,609929	421,765214	457,373982
3464	186,518231	214,347288	271,149294	284,903888	322,640613	421,799321	457,409838
3465	186,585635	214,420405	271,220894	284,955626	322,67129	421,83342	457,445686
3466	186,653044	214,493526	271,292491	285,007358	322,701961	421,867512	457,481526
3467	186,720458	214,566651	271,364087	285,059084	322,732626	421,901597	457,517359
3468	186,787876	214,639779	271,435682	285,110805	322,763286	421,935675	457,553185
3469	186,855299	214,712912	271,507274	285,162521	322,793939	421,969746	457,589002
3470	186,922728	214,786048	271,578865	285,214231	322,824587	422,003809	457,624813
3471	186,990161	214,859188	271,650454	285,265935	322,855229	422,037866	457,660616
3472	187,057599	214,932332	271,722041	285,317634	322,885864	422,071916	457,696411
3473	187,125042	215,00548	271,793627	285,369328	322,916494	422,105958	457,732199
3474	187,19249	215,078632	271,865211	285,421016	322,947118	422,139994	457,767979
3475	187,259943	215,151787	271,936793	285,472698	322,977736	422,174022	457,803752
3476	187,327401	215,224947	272,008373	285,524375	323,008348	422,208044	457,839517
3477	187,394863	215,29811	272,079951	285,576047	323,038954	422,242058	457,875275
3478	187,462331	215,371277	272,151528	285,627713	323,069555	422,276066	457,911025
3479	187,529803	215,444448	272,223103	285,679373	323,100149	422,310066	457,946768
3480	187,59728	215,517622	272,294676	285,731028	323,130737	422,344059	457,982504
3481	187,664763	215,590801	272,366248	285,782677	323,16132	422,378046	458,018232
3482	187,73225	215,663983	272,437818	285,834321	323,191897	422,412025	458,053952
3483	187,799742	215,737169	272,509386	285,88596	323,222468	422,445997	458,089665
3484	187,867238	215,810359	272,580952	285,937592	323,253033	422,479962	458,125371
3485	187,93474	215,883553	272,652517	285,98922	323,283592	422,51392	458,161069
3486	188,002247	215,956751	272,724079	286,040842	323,314145	422,547872	458,196759
3487	188,069758	216,029952	272,795641	286,092458	323,344692	422,581816	458,232442
3488	188,137275	216,103157	272,8672	286,144069	323,375234	422,615753	458,268118
3489	188,204796	216,176366	272,938757	286,195675	323,405769	422,649683	458,303786
3490	188,272322	216,249579	273,010313	286,247275	323,436299	422,683606	458,339447
3491	188,339853	216,322796	273,081867	286,298869	323,466823	422,717522	458,3751

3492	188,407389	216,396016	273,15342	286,350458	323,497341	422,751432	458,410746
3493	188,474929	216,46924	273,22497	286,402042	323,527853	422,785334	458,446385
3494	188,542475	216,542468	273,296519	286,45362	323,558359	422,819229	458,482016
3495	188,610026	216,6157	273,368066	286,505192	323,58886	422,853117	458,517639
3496	188,677581	216,688936	273,439612	286,55676	323,619354	422,886999	458,553255
3497	188,745141	216,762176	273,511155	286,608321	323,649843	422,920873	458,588864
3498	188,812706	216,835419	273,582697	286,659877	323,680326	422,95474	458,624466
3499	188,880276	216,908666	273,654237	286,711428	323,710803	422,9886	458,66006
3500	188,947851	216,981917	273,725776	286,762974	323,741274	423,022454	458,695646
3501	189,015431	217,055172	273,797312	286,814513	323,771739	423,0563	458,731225
3502	189,083015	217,12843	273,868847	286,866048	323,802199	423,09014	458,766797
3503	189,150605	217,201693	273,94038	286,917577	323,832653	423,123972	458,802361
3504	189,218199	217,274959	274,011912	286,9691	323,8631	423,157798	458,837918
3505	189,285798	217,348229	274,083442	287,020618	323,893542	423,191616	458,873468
3506	189,353402	217,421503	274,15497	287,072131	323,923979	423,225428	458,90901
3507	189,421011	217,49478	274,226496	287,123638	323,954409	423,259233	458,944545
3508	189,488625	217,568062	274,29802	287,17514	323,984834	423,293031	458,980072
3509	189,556243	217,641347	274,369543	287,226636	324,015253	423,326821	459,015592
3510	189,623867	217,714636	274,441064	287,278127	324,045666	423,360605	459,051105
3511	189,691495	217,787929	274,512584	287,329612	324,076073	423,394382	459,08661
3512	189,759128	217,861225	274,584101	287,381092	324,106474	423,428152	459,122108
3513	189,826766	217,934526	274,655617	287,432566	324,13687	423,461916	459,157599
3514	189,894409	218,00783	274,727131	287,484035	324,167259	423,495672	459,193082
3515	189,962057	218,081138	274,798644	287,535499	324,197643	423,529421	459,228558
3516	190,02971	218,15445	274,870154	287,586957	324,228022	423,563164	459,264026
3517	190,097367	218,227765	274,941663	287,63841	324,258394	423,596899	459,299488
3518	190,165029	218,301084	275,013171	287,689857	324,28876	423,630628	459,334941
3519	190,232696	218,374408	275,084676	287,741299	324,319121	423,66435	459,370388
3520	190,300368	218,447735	275,15618	287,792736	324,349476	423,698064	459,405827
3521	190,368045	218,521065	275,227682	287,844167	324,379826	423,731772	459,441259
3522	190,435727	218,5944	275,299182	287,895593	324,410169	423,765473	459,476684
3523	190,503413	218,667738	275,370681	287,947013	324,440507	423,799167	459,512101
3524	190,571105	218,74108	275,442178	287,998428	324,470839	423,832855	459,547511
3525	190,638801	218,814426	275,513673	288,049837	324,501165	423,866535	459,582913
3526	190,706502	218,887776	275,585166	288,101241	324,531485	423,900209	459,618308
3527	190,774208	218,961129	275,656658	288,15264	324,5618	423,933875	459,653696
3528	190,841918	219,034486	275,728148	288,204033	324,592109	423,967535	459,689077
3529	190,909634	219,107847	275,799636	288,255421	324,622412	424,001188	459,72445
3530	190,977354	219,181212	275,871123	288,306804	324,652709	424,034834	459,759816
3531	191,04508	219,254581	275,942607	288,358181	324,683001	424,068473	459,795175
3532	191,11281	219,327953	276,014091	288,409553	324,713287	424,102106	459,830526
3533	191,180545	219,401329	276,085572	288,460919	324,743567	424,135731	459,865871
3534	191,248284	219,474709	276,157052	288,51228	324,773841	424,16935	459,901207
3535	191,316029	219,548093	276,228529	288,563635	324,80411	424,202962	459,936537
3536	191,383778	219,62148	276,300006	288,614985	324,834372	424,236566	459,971859
3537	191,451532	219,694871	276,37148	288,66633	324,86463	424,270165	460,007174

3538	191,519291	219,768266	276,442953	288,71767	324,894881	424,303756	460,042482
3539	191,587055	219,841665	276,514424	288,769004	324,925127	424,33734	460,077783
3540	191,654824	219,915067	276,585893	288,820332	324,955367	424,370918	460,113076
3541	191,722598	219,988474	276,657361	288,871655	324,985601	424,404489	460,148362
3542	191,790376	220,061884	276,728827	288,922973	325,015829	424,438053	460,183641
3543	191,858159	220,135298	276,800291	288,974286	325,046052	424,47161	460,218912
3544	191,925947	220,208715	276,871754	289,025593	325,076269	424,50516	460,254176
3545	191,99374	220,282137	276,943214	289,076895	325,106481	424,538704	460,289433
3546	192,061537	220,355562	277,014673	289,128191	325,136686	424,57224	460,324683
3547	192,12934	220,428991	277,086131	289,179482	325,166886	424,60577	460,359925
3548	192,197147	220,502423	277,157586	289,230768	325,19708	424,639293	460,395161
3549	192,264959	220,57586	277,22904	289,282048	325,227269	424,67281	460,430389
3550	192,332776	220,6493	277,300492	289,333323	325,257452	424,706319	460,465609
3551	192,400598	220,722744	277,371943	289,384593	325,287629	424,739822	460,500823
3552	192,468424	220,796192	277,443392	289,435857	325,3178	424,773318	460,536029
3553	192,536256	220,869643	277,514839	289,487116	325,347966	424,806807	460,571229
3554	192,604092	220,943099	277,586284	289,53837	325,378126	424,840289	460,60642
3555	192,671933	221,016558	277,657728	289,589618	325,40828	424,873765	460,641605
3556	192,739779	221,09002	277,72917	289,640861	325,438429	424,907234	460,676783
3557	192,807629	221,163487	277,80061	289,692098	325,468572	424,940696	460,711953
3558	192,875485	221,236957	277,872049	289,74333	325,498709	424,974151	460,747116
3559	192,943345	221,310431	277,943485	289,794557	325,528841	425,0076	460,782272
3560	193,01121	221,383909	278,01492	289,845779	325,558967	425,041041	460,817421
3561	193,07908	221,457391	278,086354	289,896995	325,589087	425,074476	460,852562
3562	193,146954	221,530876	278,157786	289,948206	325,619202	425,107905	460,887697
3563	193,214834	221,604365	278,229216	289,999411	325,649311	425,141326	460,922824
3564	193,282718	221,677858	278,300644	290,050612	325,679414	425,174741	460,957944
3565	193,350607	221,751354	278,37207	290,101807	325,709511	425,208149	460,993057
3566	193,418501	221,824855	278,443495	290,152996	325,739603	425,24155	461,028162
3567	193,4864	221,898359	278,514919	290,20418	325,76969	425,274944	461,063261
3568	193,554303	221,971867	278,58634	290,255359	325,79977	425,308332	461,098352
3569	193,622211	222,045378	278,65776	290,306533	325,829845	425,341713	461,133436
3570	193,690124	222,118893	278,729178	290,357701	325,859915	425,375088	461,168513
3571	193,758042	222,192412	278,800594	290,408864	325,889978	425,408455	461,203583
3572	193,825965	222,265935	278,872009	290,460022	325,920036	425,441816	461,238646
3573	193,893892	222,339462	278,943422	290,511174	325,950089	425,47517	461,273701
3574	193,961824	222,412992	279,014833	290,562321	325,980136	425,508517	461,308749
3575	194,029761	222,486526	279,086243	290,613463	326,010177	425,541858	461,343791
3576	194,097703	222,560064	279,157651	290,6646	326,040212	425,575192	461,378825
3577	194,16565	222,633605	279,229057	290,715731	326,070242	425,608519	461,413852
3578	194,233601	222,707151	279,300461	290,766857	326,100266	425,64184	461,448872
3579	194,301557	222,7807	279,371864	290,817977	326,130285	425,675154	461,483884
3580	194,369518	222,854252	279,443265	290,869093	326,160298	425,708461	461,51889
3581	194,437484	222,927809	279,514665	290,920203	326,190305	425,741761	461,553888
3582	194,505454	223,001369	279,586062	290,971307	326,220307	425,775055	461,58888
3583	194,573429	223,074933	279,657459	291,022407	326,250303	425,808342	461,623864

3584	194,64141	223,148501	279,728853	291,073501	326,280294	425,841623	461,658841
3585	194,709394	223,222072	279,800245	291,12459	326,310279	425,874896	461,693811
3586	194,777384	223,295647	279,871636	291,175673	326,340258	425,908164	461,728774
3587	194,845378	223,369226	279,943026	291,226751	326,370232	425,941424	461,76373
3588	194,913378	223,442809	280,014413	291,277824	326,4002	425,974678	461,798679
3589	194,981382	223,516395	280,085799	291,328892	326,430162	426,007925	461,83362
3590	195,04939	223,589985	280,157183	291,379955	326,460119	426,041165	461,868555
3591	195,117404	223,663579	280,228566	291,431012	326,490071	426,074399	461,903482
3592	195,185422	223,737176	280,299947	291,482064	326,520017	426,107626	461,938403
3593	195,253445	223,810777	280,371326	291,53311	326,549957	426,140846	461,973316
3594	195,321473	223,884382	280,442703	291,584152	326,579891	426,17406	462,008222
3595	195,389506	223,957991	280,514079	291,635188	326,60982	426,207267	462,043121
3596	195,457543	224,031603	280,585453	291,686219	326,639744	426,240467	462,078014
3597	195,525585	224,10522	280,656825	291,737244	326,669662	426,273661	462,112899
3598	195,593632	224,178839	280,728196	291,788265	326,699574	426,306848	462,147777
3599	195,661684	224,252463	280,799565	291,83928	326,72948	426,340029	462,182647
3600	195,72974	224,32609	280,870932	291,89029	326,759382	426,373203	462,217511
3601	195,797801	224,399721	280,942298	291,941294	326,789277	426,40637	462,252368
3602	195,865867	224,473356	281,013662	291,992294	326,819167	426,439531	462,287218
3603	195,933938	224,546995	281,085024	292,043288	326,849052	426,472685	462,322061
3604	196,002014	224,620637	281,156385	292,094276	326,87893	426,505832	462,356896
3605	196,070094	224,694283	281,227743	292,14526	326,908804	426,538973	462,391725
3606	196,138179	224,767932	281,299101	292,196238	326,938671	426,572107	462,426546
3607	196,206269	224,841586	281,370456	292,247212	326,968534	426,605234	462,461361
3608	196,274363	224,915243	281,44181	292,298179	326,99839	426,638355	462,496168
3609	196,342462	224,988903	281,513162	292,349142	327,028241	426,67147	462,530969
3610	196,410566	225,062568	281,584513	292,400099	327,058087	426,704577	462,565762
3611	196,478675	225,136236	281,655861	292,451052	327,087927	426,737678	462,600549
3612	196,546789	225,209908	281,727208	292,501999	327,117762	426,770773	462,635328
3613	196,614907	225,283583	281,798554	292,55294	327,14759	426,803861	462,670101
3614	196,68303	225,357263	281,869898	292,603877	327,177414	426,836942	462,704866
3615	196,751158	225,430946	281,94124	292,654808	327,207232	426,870017	462,739625
3616	196,819291	225,504632	282,01258	292,705734	327,237044	426,903085	462,774376
3617	196,887428	225,578323	282,083919	292,756655	327,266851	426,936147	462,809121
3618	196,95557	225,652017	282,155256	292,807571	327,296652	426,969202	462,843858
3619	197,023717	225,725715	282,226591	292,858481	327,326448	427,00225	462,878588
3620	197,091868	225,799416	282,297925	292,909386	327,356238	427,035292	462,913312
3621	197,160025	225,873122	282,369257	292,960286	327,386023	427,068327	462,948028
3622	197,228186	225,946831	282,440587	293,011181	327,415802	427,101356	462,982738
3623	197,296352	226,020543	282,511916	293,06207	327,445576	427,134378	463,01744
3624	197,364522	226,09426	282,583243	293,112955	327,475344	427,167394	463,052136
3625	197,432697	226,16798	282,654568	293,163834	327,505107	427,200403	463,086824
3626	197,500877	226,241703	282,725892	293,214708	327,534864	427,233405	463,121506
3627	197,569062	226,315431	282,797214	293,265577	327,564616	427,266401	463,156181
3628	197,637252	226,389162	282,868534	293,31644	327,594362	427,299391	463,190848
3629	197,705446	226,462897	282,939853	293,367299	327,624103	427,332373	463,225509

3630	197,773645	226,536635	283,01117	293,418152	327,653838	427,36535	463,260163
3631	197,841849	226,610377	283,082485	293,469	327,683568	427,39832	463,29481
3632	197,910057	226,684123	283,153799	293,519842	327,713292	427,431283	463,32945
3633	197,97827	226,757873	283,225111	293,57068	327,743011	427,46424	463,364082
3634	198,046488	226,831626	283,296421	293,621512	327,772724	427,49719	463,398708
3635	198,114711	226,905383	283,36773	293,67234	327,802432	427,530133	463,433327
3636	198,182938	226,979144	283,439037	293,723162	327,832134	427,563071	463,46794
3637	198,25117	227,052908	283,510342	293,773979	327,861831	427,596001	463,502545
3638	198,319407	227,126676	283,581646	293,82479	327,891522	427,628925	463,537143
3639	198,387649	227,200448	283,652947	293,875597	327,921208	427,661843	463,571734
3640	198,455895	227,274224	283,724248	293,926398	327,950889	427,694754	463,606319
3641	198,524146	227,348003	283,795546	293,977194	327,980564	427,727659	463,640896
3642	198,592402	227,421786	283,866843	294,027985	328,010233	427,760557	463,675467
3643	198,660662	227,495572	283,938139	294,078771	328,039897	427,793448	463,71003
3644	198,728927	227,569362	284,009432	294,129552	328,069556	427,826333	463,744587
3645	198,797197	227,643156	284,080724	294,180327	328,099209	427,859212	463,779137
3646	198,865472	227,716954	284,152015	294,231097	328,128857	427,892084	463,81368
3647	198,933751	227,790755	284,223303	294,281863	328,158499	427,92495	463,848216
3648	199,002035	227,86456	284,29459	294,332623	328,188136	427,957809	463,882745
3649	199,070324	227,938368	284,365876	294,383377	328,217767	427,990661	463,917267
3650	199,138618	228,012181	284,437159	294,434127	328,247393	428,023507	463,951783
3651	199,206916	228,085997	284,508441	294,484872	328,277013	428,056347	463,986291
3652	199,275219	228,159816	284,579722	294,535611	328,306628	428,08918	464,020793
3653	199,343526	228,23364	284,651	294,586345	328,336238	428,122007	464,055288
3654	199,411839	228,307467	284,722277	294,637074	328,365842	428,154827	464,089775
3655	199,480156	228,381297	284,793553	294,687798	328,395441	428,187641	464,124256
3656	199,548478	228,455132	284,864826	294,738517	328,425034	428,220449	464,15873
3657	199,616804	228,52897	284,936098	294,789231	328,454622	428,253249	464,193198
3658	199,685135	228,602811	285,007369	294,839939	328,484204	428,286044	464,227658
3659	199,753471	228,676657	285,078638	294,890643	328,513781	428,318832	464,262112
3660	199,821812	228,750506	285,149905	294,941341	328,543353	428,351613	464,296558
3661	199,890157	228,824358	285,22117	294,992034	328,572919	428,384389	464,330998
3662	199,958507	228,898215	285,292434	295,042722	328,60248	428,417157	464,365431
3663	200,026862	228,972075	285,363696	295,093405	328,632035	428,449919	464,399857
3664	200,095222	229,045938	285,434956	295,144083	328,661585	428,482675	464,434276
3665	200,163586	229,119806	285,506215	295,194755	328,69113	428,515425	464,468689
3666	200,231955	229,193677	285,577472	295,245423	328,720669	428,548168	464,503094
3667	200,300328	229,267551	285,648728	295,296085	328,750203	428,580904	464,537493
3668	200,368706	229,34143	285,719982	295,346742	328,779731	428,613634	464,571885
3669	200,437089	229,415312	285,791234	295,397394	328,809254	428,646358	464,60627
3670	200,505477	229,489197	285,862485	295,448041	328,838771	428,679075	464,640648
3671	200,573869	229,563087	285,933733	295,498683	328,868284	428,711786	464,67502
3672	200,642266	229,63698	286,004981	295,54932	328,89779	428,74449	464,709385
3673	200,710668	229,710876	286,076226	295,599952	328,927292	428,777188	464,743742
3674	200,779075	229,784777	286,14747	295,650578	328,956788	428,80988	464,778093
3675	200,847486	229,858681	286,218713	295,7012	328,986278	428,842565	464,812438

3676	200,915901	229,932588	286,289953	295,751816	329,015764	428,875244	464,846775
3677	200,984322	230,0065	286,361192	295,802427	329,045243	428,907916	464,881106
3678	201,052747	230,080415	286,43243	295,853033	329,074718	428,940582	464,915429
3679	201,121177	230,154333	286,503665	295,903634	329,104187	428,973242	464,949746
3680	201,189612	230,228255	286,574899	295,95423	329,133651	429,005895	464,984057
3681	201,258051	230,302181	286,646132	296,004821	329,163109	429,038542	465,01836
3682	201,326495	230,376111	286,717363	296,055407	329,192562	429,071182	465,052657
3683	201,394944	230,450044	286,788592	296,105988	329,22201	429,103816	465,086946
3684	201,463397	230,523981	286,859819	296,156563	329,251452	429,136444	465,12123
3685	201,531855	230,597922	286,931045	296,207134	329,280889	429,169065	465,155506
3686	201,600318	230,671866	287,002269	296,257699	329,310321	429,20168	465,189775
3687	201,668785	230,745814	287,073492	296,308259	329,339747	429,234289	465,224038
3688	201,737257	230,819765	287,144713	296,358815	329,369168	429,266891	465,258294
3689	201,805734	230,89372	287,215932	296,409365	329,398583	429,299487	465,292543
3690	201,874215	230,967679	287,28715	296,45991	329,427994	429,332076	465,326786
3691	201,942701	231,041641	287,358366	296,51045	329,457398	429,36466	465,361021
3692	202,011192	231,115607	287,42958	296,560985	329,486798	429,397236	465,39525
3693	202,079687	231,189577	287,500793	296,611514	329,516192	429,429807	465,429473
3694	202,148188	231,26355	287,572004	296,662039	329,545581	429,462371	465,463688
3695	202,216692	231,337527	287,643213	296,712559	329,574965	429,494929	465,497897
3696	202,285202	231,411508	287,714421	296,763074	329,604343	429,52748	465,532099
3697	202,353716	231,485492	287,785627	296,813583	329,633716	429,560025	465,566294
3698	202,422235	231,55948	287,856832	296,864088	329,663083	429,592564	465,600482
3699	202,490758	231,633472	287,928035	296,914587	329,692445	429,625096	465,634664
3700	202,559286	231,707467	287,999236	296,965081	329,721802	429,657622	465,668839
3701	202,627819	231,781466	288,070436	297,015571	329,751154	429,690142	465,703008
3702	202,696357	231,855468	288,141634	297,066055	329,7805	429,722656	465,737169
3703	202,764899	231,929474	288,21283	297,116534	329,809841	429,755163	465,771324
3704	202,833446	232,003484	288,284025	297,167008	329,839177	429,787663	465,805472
3705	202,901997	232,077497	288,355218	297,217478	329,868507	429,820158	465,839614
3706	202,970553	232,151514	288,426409	297,267942	329,897832	429,852646	465,873748
3707	203,039114	232,225535	288,497599	297,318401	329,927152	429,885128	465,907876
3708	203,10768	232,299559	288,568787	297,368855	329,956466	429,917604	465,941998
3709	203,17625	232,373587	288,639974	297,419304	329,985775	429,950073	465,976112
3710	203,244825	232,447619	288,711159	297,469747	330,015079	429,982536	466,01022
3711	203,313404	232,521654	288,782342	297,520186	330,044377	430,014992	466,044321
3712	203,381988	232,595693	288,853524	297,57062	330,073671	430,047443	466,078416
3713	203,450577	232,669735	288,924704	297,621049	330,102959	430,079887	466,112504
3714	203,51917	232,743781	288,995882	297,671473	330,132241	430,112325	466,146585
3715	203,587769	232,817831	289,067059	297,721891	330,161519	430,144756	466,180659
3716	203,656371	232,891884	289,138234	297,772305	330,190791	430,177181	466,214727
3717	203,724979	232,965941	289,209408	297,822714	330,220058	430,2096	466,248788
3718	203,793591	233,040001	289,28058	297,873117	330,249319	430,242013	466,282843
3719	203,862207	233,114066	289,35175	297,923516	330,278575	430,274419	466,316891
3720	203,930829	233,188133	289,422919	297,97391	330,307826	430,306819	466,350932
3721	203,999455	233,262205	289,494086	298,024298	330,337072	430,339213	466,384966

3722	204,068085	233,33628	289,565251	298,074682	330,366312	430,371601	466,418994
3723	204,136721	233,410358	289,636415	298,12506	330,395548	430,403982	466,453015
3724	204,205361	233,484441	289,707577	298,175434	330,424778	430,436357	466,48703
3725	204,274005	233,558526	289,778737	298,225802	330,454002	430,468726	466,521037
3726	204,342654	233,632616	289,849896	298,276166	330,483222	430,501089	466,555039
3727	204,411308	233,706709	289,921053	298,326524	330,512436	430,533445	466,589033
3728	204,479967	233,780806	289,992209	298,376878	330,541645	430,565795	466,623021
3729	204,54863	233,854906	290,063363	298,427226	330,570848	430,598139	466,657002
3730	204,617298	233,92901	290,134516	298,477569	330,600047	430,630476	466,690977
3731	204,68597	234,003118	290,205666	298,527908	330,62924	430,662808	466,724945
3732	204,754647	234,077229	290,276815	298,578241	330,658428	430,695133	466,758906
3733	204,823329	234,151344	290,347963	298,62857	330,68761	430,727452	466,792861
3734	204,892015	234,225462	290,419109	298,678893	330,716788	430,759764	466,826809
3735	204,960706	234,299584	290,490253	298,729212	330,74596	430,792071	466,860751
3736	205,029402	234,37371	290,561396	298,779525	330,775127	430,824371	466,894686
3737	205,098102	234,447839	290,632537	298,829834	330,804288	430,856665	466,928614
3738	205,166807	234,521972	290,703676	298,880137	330,833445	430,888953	466,962535
3739	205,235517	234,596108	290,774814	298,930436	330,862596	430,921234	466,996451
3740	205,304231	234,670248	290,84595	298,980729	330,891742	430,95351	467,030359
3741	205,37295	234,744392	290,917085	299,031018	330,920883	430,985779	467,064261
3742	205,441673	234,818539	290,988218	299,081301	330,950019	431,018042	467,098156
3743	205,510401	234,89269	291,059349	299,13158	330,979149	431,050298	467,132045
3744	205,579134	234,966845	291,130479	299,181854	331,008274	431,082549	467,165927
3745	205,647871	235,041003	291,201607	299,232122	331,037394	431,114793	467,199802
3746	205,716613	235,115164	291,272734	299,282386	331,066509	431,147031	467,233671
3747	205,78536	235,18933	291,343859	299,332644	331,095618	431,179263	467,267533
3748	205,854111	235,263499	291,414982	299,382898	331,124722	431,211489	467,301389
3749	205,922867	235,337671	291,486104	299,433147	331,153822	431,243708	467,335238
3750	205,991627	235,411847	291,557224	299,483391	331,182915	431,275922	467,369081
3751	206,060392	235,486027	291,628342	299,533629	331,212004	431,308129	467,402917
3752	206,129162	235,56021	291,699459	299,583863	331,241088	431,34033	467,436746
3753	206,197936	235,634397	291,770574	299,634092	331,270166	431,372525	467,470569
3754	206,266715	235,708587	291,841688	299,684316	331,299239	431,404713	467,504385
3755	206,335499	235,782781	291,9128	299,734535	331,328307	431,436896	467,538195
3756	206,404287	235,856979	291,98391	299,784749	331,35737	431,469072	467,571998
3757	206,47308	235,93118	292,055019	299,834958	331,386427	431,501242	467,605795
3758	206,541877	236,005385	292,126126	299,885162	331,41548	431,533406	467,639585
3759	206,610679	236,079594	292,197232	299,935361	331,444527	431,565564	467,673368
3760	206,679486	236,153806	292,268336	299,985555	331,473569	431,597716	467,707145
3761	206,748297	236,228021	292,339438	300,035745	331,502606	431,629861	467,740916
3762	206,817113	236,30224	292,410539	300,085929	331,531637	431,662001	467,77468
3763	206,885933	236,376463	292,481638	300,136108	331,560664	431,694134	467,808437
3764	206,954758	236,45069	292,552735	300,186283	331,589685	431,726261	467,842188
3765	207,023588	236,52492	292,623831	300,236452	331,618701	431,758382	467,875932
3766	207,092422	236,599153	292,694926	300,286617	331,647712	431,790497	467,90967
3767	207,161261	236,67339	292,766018	300,336776	331,676718	431,822605	467,943401

3768	207,230105	236,747631	292,83711	300,386931	331,705718	431,854708	467,977126
3769	207,298953	236,821875	292,908199	300,437081	331,734714	431,886804	468,010844
3770	207,367806	236,896123	292,979287	300,487226	331,763704	431,918894	468,044556
3771	207,436663	236,970375	293,050373	300,537365	331,792689	431,950978	468,078261
3772	207,505525	237,04463	293,121458	300,5875	331,821669	431,983056	468,11196
3773	207,574391	237,118888	293,192541	300,63763	331,850644	432,015128	468,145652
3774	207,643262	237,193151	293,263623	300,687755	331,879614	432,047194	468,179338
3775	207,712138	237,267416	293,334703	300,737876	331,908579	432,079254	468,213017
3776	207,781018	237,341686	293,405781	300,787991	331,937538	432,111307	468,24669
3777	207,849903	237,415959	293,476858	300,838101	331,966492	432,143355	468,280356
3778	207,918793	237,490235	293,547933	300,888207	331,995441	432,175396	468,314016
3779	207,987687	237,564515	293,619006	300,938307	332,024385	432,207431	468,347669
3780	208,056586	237,638799	293,690078	300,988403	332,053324	432,23946	468,381315
3781	208,125489	237,713086	293,761148	301,038493	332,082258	432,271483	468,414956
3782	208,194397	237,787377	293,832217	301,088579	332,111187	432,3035	468,448589
3783	208,263309	237,861671	293,903284	301,13866	332,14011	432,335511	468,482217
3784	208,332226	237,935969	293,97435	301,188736	332,169029	432,367516	468,515838
3785	208,401148	238,010271	294,045414	301,238807	332,197942	432,399515	468,549452
3786	208,470074	238,084576	294,116476	301,288873	332,22685	432,431507	468,58306
3787	208,539005	238,158885	294,187537	301,338934	332,255753	432,463494	468,616661
3788	208,607941	238,233197	294,258596	301,388991	332,284651	432,495474	468,650256
3789	208,676881	238,307513	294,329653	301,439042	332,313544	432,527449	468,683845
3790	208,745825	238,381832	294,400709	301,489089	332,342431	432,559417	468,717427
3791	208,814775	238,456155	294,471764	301,53913	332,371314	432,591379	468,751002
3792	208,883728	238,530482	294,542816	301,589167	332,400191	432,623335	468,784571
3793	208,952687	238,604812	294,613867	301,639199	332,429064	432,655285	468,818134
3794	209,02165	238,679145	294,684917	301,689226	332,457931	432,687229	468,85169
3795	209,090617	238,753483	294,755965	301,739248	332,486793	432,719167	468,88524
3796	209,159589	238,827823	294,827011	301,789265	332,51565	432,751099	468,918784
3797	209,228566	238,902168	294,898056	301,839277	332,544502	432,783025	468,952321
3798	209,297547	238,976516	294,969099	301,889285	332,573349	432,814945	468,985851
3799	209,366533	239,050867	295,040141	301,939287	332,602191	432,846859	469,019375
3800	209,435524	239,125222	295,111181	301,989285	332,631027	432,878766	469,052893
3801	209,504519	239,199581	295,182219	302,039278	332,659859	432,910668	469,086404
3802	209,573518	239,273943	295,253256	302,089266	332,688685	432,942564	469,119909
3803	209,642522	239,348309	295,324292	302,139249	332,717507	432,974453	469,153407
3804	209,711531	239,422678	295,395325	302,189227	332,746323	433,006337	469,186899
3805	209,780544	239,497051	295,466357	302,2392	332,775134	433,038214	469,220385
3806	209,849562	239,571427	295,537388	302,289169	332,803941	433,070086	469,253864
3807	209,918585	239,645807	295,608417	302,339132	332,832742	433,101951	469,287337
3808	209,987612	239,72019	295,679444	302,389091	332,861538	433,133811	469,320803
3809	210,056643	239,794577	295,75047	302,439045	332,890329	433,165664	469,354263
3810	210,125679	239,868968	295,821494	302,488994	332,919115	433,197511	469,387717
3811	210,19472	239,943362	295,892517	302,538938	332,947896	433,229353	469,421164
3812	210,263765	240,01776	295,963538	302,588877	332,976671	433,261188	469,454605
3813	210,332815	240,092161	296,034557	302,638812	333,005442	433,293018	469,488039

3814	210,40187	240,166566	296,105575	302,688741	333,034208	433,324841	469,521467
3815	210,470929	240,240974	296,176591	302,738666	333,062968	433,356658	469,554889
3816	210,539992	240,315386	296,247606	302,788586	333,091724	433,38847	469,588304
3817	210,60906	240,389801	296,318619	302,838501	333,120474	433,420275	469,621713
3818	210,678133	240,46422	296,38963	302,888411	333,14922	433,452074	469,655115
3819	210,74721	240,538643	296,46064	302,938317	333,17796	433,483868	469,688511
3820	210,816292	240,613069	296,531648	302,988217	333,206696	433,515655	469,721901
3821	210,885378	240,687499	296,602655	303,038113	333,235426	433,547437	469,755285
3822	210,954469	240,761932	296,67366	303,088004	333,264151	433,579212	469,788662
3823	211,023565	240,836368	296,744664	303,137889	333,292872	433,610981	469,822032
3824	211,092665	240,910809	296,815666	303,187771	333,321587	433,642745	469,855397
3825	211,161769	240,985252	296,886666	303,237647	333,350297	433,674502	469,888755
3826	211,230878	241,0597	296,957665	303,287518	333,379002	433,706254	469,922106
3827	211,299992	241,13415	297,028663	303,337385	333,407702	433,737999	469,955451
3828	211,36911	241,208605	297,099658	303,387247	333,436397	433,769739	469,98879
3829	211,438233	241,283063	297,170652	303,437104	333,465087	433,801472	470,022123
3830	211,50736	241,357524	297,241645	303,486956	333,493773	433,8332	470,055449
3831	211,576492	241,431989	297,312636	303,536803	333,522453	433,864922	470,088769
3832	211,645629	241,506458	297,383625	303,586646	333,551128	433,896637	470,122083
3833	211,71477	241,58093	297,454613	303,636483	333,579798	433,928347	470,15539
3834	211,783915	241,655405	297,525599	303,686316	333,608463	433,960051	470,188691
3835	211,853065	241,729885	297,596584	303,736144	333,637123	433,991749	470,221985
3836	211,92222	241,804367	297,667567	303,785968	333,665778	434,023441	470,255274
3837	211,991379	241,878853	297,738549	303,835786	333,694427	434,055127	470,288556
3838	212,060543	241,953343	297,809529	303,8856	333,723072	434,086807	470,321831
3839	212,129711	242,027836	297,880507	303,935408	333,751712	434,118481	470,355101
3840	212,198884	242,102333	297,951484	303,985212	333,780347	434,150149	470,388364
3841	212,268061	242,176834	298,022459	304,035012	333,808977	434,181811	470,42162
3842	212,337243	242,251337	298,093433	304,084806	333,837602	434,213467	470,454871
3843	212,406429	242,325845	298,164405	304,134596	333,866222	434,245118	470,488115
3844	212,47562	242,400356	298,235375	304,18438	333,894837	434,276762	470,521353
3845	212,544816	242,47487	298,306344	304,23416	333,923447	434,3084	470,554584
3846	212,614016	242,549388	298,377312	304,283935	333,952052	434,340033	470,587809
3847	212,68322	242,623909	298,448278	304,333706	333,980652	434,37166	470,621028
3848	212,75243	242,698434	298,519242	304,383471	334,009247	434,40328	470,654241
3849	212,821643	242,772963	298,590205	304,433232	334,037837	434,434895	470,687447
3850	212,890861	242,847495	298,661166	304,482988	334,066422	434,466504	470,720647
3851	212,960084	242,922031	298,732125	304,532739	334,095002	434,498107	470,753841
3852	213,029311	242,99657	298,803083	304,582486	334,123577	434,529704	470,787029
3853	213,098543	243,071112	298,87404	304,632228	334,152148	434,561295	470,82021
3854	213,167779	243,145658	298,944995	304,681964	334,180713	434,592881	470,853385
3855	213,23702	243,220208	299,015948	304,731696	334,209273	434,62446	470,886553
3856	213,306265	243,294761	299,0869	304,781424	334,237828	434,656034	470,919716
3857	213,375515	243,369318	299,15785	304,831146	334,266379	434,687601	470,952872
3858	213,44477	243,443878	299,228798	304,880864	334,294924	434,719163	470,986022
3859	213,514029	243,518442	299,299745	304,930577	334,323464	434,750719	471,019166

3860	213,583292	243,593009	299,370691	304,980285	334,352	434,782269	471,052303
3861	213,65256	243,66758	299,441635	305,029988	334,38053	434,813813	471,085434
3862	213,721832	243,742154	299,512577	305,079687	334,409056	434,845351	471,118559
3863	213,791109	243,816732	299,583518	305,129381	334,437576	434,876883	471,151678
3864	213,860391	243,891313	299,654457	305,17907	334,466092	434,90841	471,18479
3865	213,929677	243,965898	299,725395	305,228754	334,494602	434,93993	471,217896
3866	213,998968	244,040486	299,796331	305,278434	334,523108	434,971445	471,250996
3867	214,068263	244,115078	299,867265	305,328109	334,551609	435,002954	471,28409
3868	214,137562	244,189673	299,938198	305,377779	334,580105	435,034457	471,317177
3869	214,206866	244,264272	300,00913	305,427444	334,608595	435,065954	471,350259
3870	214,276175	244,338874	300,08006	305,477105	334,637081	435,097445	471,383334
3871	214,345488	244,41348	300,150988	305,52676	334,665562	435,12893	471,416402
3872	214,414806	244,488089	300,221915	305,576411	334,694038	435,16041	471,449465
3873	214,484128	244,562702	300,29284	305,626058	334,72251	435,191884	471,482521
3874	214,553455	244,637319	300,363764	305,675699	334,750976	435,223351	471,515572
3875	214,622786	244,711939	300,434686	305,725336	334,779437	435,254813	471,548615
3876	214,692122	244,786562	300,505606	305,774968	334,807893	435,28627	471,581653
3877	214,761462	244,861189	300,576525	305,824595	334,836345	435,31772	471,614685
3878	214,830807	244,935819	300,647443	305,874218	334,864791	435,349164	471,64771
3879	214,900156	245,010453	300,718359	305,923836	334,893233	435,380603	471,680729
3880	214,96951	245,08509	300,789273	305,973449	334,92167	435,412036	471,713742
3881	215,038868	245,159731	300,860186	306,023057	334,950102	435,443463	471,746749
3882	215,108231	245,234376	300,931097	306,07266	334,978528	435,474884	471,779749
3883	215,177598	245,309023	301,002007	306,122259	335,00695	435,506299	471,812744
3884	215,24697	245,383675	301,072915	306,171853	335,035367	435,537709	471,845732
3885	215,316346	245,45833	301,143821	306,221443	335,06378	435,569112	471,878714
3886	215,385727	245,532988	301,214726	306,271027	335,092187	435,60051	471,911689
3887	215,455112	245,60765	301,28563	306,320607	335,120589	435,631902	471,944659
3888	215,524502	245,682315	301,356532	306,370182	335,148987	435,663289	471,977622
3889	215,593896	245,756984	301,427432	306,419753	335,177379	435,694669	472,01058
3890	215,663295	245,831656	301,498331	306,469319	335,205767	435,726044	472,043531
3891	215,732698	245,906332	301,569228	306,51888	335,23415	435,757412	472,076476
3892	215,802106	245,981011	301,640124	306,568436	335,262528	435,788776	472,109414
3893	215,871518	246,055694	301,711018	306,617987	335,290901	435,820133	472,142347
3894	215,940935	246,13038	301,78191	306,667534	335,319269	435,851484	472,175273
3895	216,010356	246,20507	301,852801	306,717076	335,347632	435,88283	472,208194
3896	216,079782	246,279763	301,923691	306,766614	335,37599	435,91417	472,241108
3897	216,149212	246,35446	301,994579	306,816147	335,404344	435,945504	472,274016
3898	216,218646	246,42916	302,065465	306,865675	335,432692	435,976832	472,306918
3899	216,288086	246,503864	302,13635	306,915198	335,461036	436,008154	472,339813
3900	216,357529	246,578571	302,207234	306,964716	335,489375	436,039471	472,372703
3901	216,426978	246,653282	302,278115	307,01423	335,517709	436,070782	472,405586
3902	216,49643	246,727996	302,348996	307,063739	335,546038	436,102087	472,438463
3903	216,565887	246,802714	302,419874	307,113244	335,574362	436,133387	472,471334
3904	216,635349	246,877435	302,490751	307,162744	335,602682	436,16468	472,504199
3905	216,704815	246,952159	302,561627	307,212239	335,630996	436,195968	472,537058

3906	216,774286	247,026887	302,632501	307,261729	335,659306	436,22725	472,569911
3907	216,843761	247,101619	302,703374	307,311215	335,687611	436,258526	472,602758
3908	216,91324	247,176354	302,774245	307,360696	335,715911	436,289797	472,635598
3909	216,982724	247,251093	302,845114	307,410172	335,744206	436,321062	472,668432
3910	217,052213	247,325835	302,915982	307,459644	335,772496	436,352321	472,701261
3911	217,121706	247,40058	302,986848	307,509111	335,800781	436,383574	472,734083
3912	217,191203	247,475329	303,057713	307,558573	335,829062	436,414822	472,766899
3913	217,260705	247,550081	303,128576	307,60803	335,857338	436,446063	472,799709
3914	217,330212	247,624837	303,199438	307,657483	335,885608	436,477299	472,832512
3915	217,399723	247,699597	303,270298	307,706931	335,913874	436,50853	472,86531
3916	217,469238	247,77436	303,341157	307,756375	335,942136	436,539754	472,898102
3917	217,538758	247,849126	303,412014	307,805814	335,970392	436,570973	472,930887
3918	217,608282	247,923896	303,48287	307,855248	335,998643	436,602186	472,963667
3919	217,677811	247,998669	303,553724	307,904677	336,02689	436,633393	472,99644
3920	217,747345	248,073446	303,624576	307,954102	336,055132	436,664595	473,029207
3921	217,816882	248,148226	303,695427	308,003522	336,083369	436,695791	473,061968
3922	217,886425	248,22301	303,766277	308,052938	336,111601	436,726981	473,094723
3923	217,955971	248,297797	303,837125	308,102348	336,139828	436,758165	473,127472
3924	218,025522	248,372587	303,907971	308,151754	336,168051	436,789344	473,160215
3925	218,095078	248,447381	303,978816	308,201156	336,196269	436,820517	473,192952
3926	218,164638	248,522179	304,049659	308,250553	336,224482	436,851685	473,225683
3927	218,234203	248,59698	304,120501	308,299945	336,25269	436,882846	473,258407
3928	218,303772	248,671785	304,191341	308,349332	336,280893	436,914002	473,291126
3929	218,373345	248,746592	304,26218	308,398715	336,309091	436,945152	473,323839
3930	218,442923	248,821404	304,333017	308,448093	336,337285	436,976297	473,356545
3931	218,512506	248,896219	304,403853	308,497466	336,365474	437,007435	473,389245
3932	218,582093	248,971037	304,474687	308,546835	336,393658	437,038568	473,42194
3933	218,651684	249,045859	304,545519	308,596199	336,421837	437,069696	473,454628
3934	218,72128	249,120684	304,61635	308,645559	336,450011	437,100817	473,48731
3935	218,79088	249,195513	304,68718	308,694914	336,478181	437,131933	473,519987
3936	218,860485	249,270345	304,758008	308,744264	336,506346	437,163044	473,552657
3937	218,930094	249,345181	304,828834	308,79361	336,534506	437,194148	473,585321
3938	218,999708	249,42002	304,899659	308,84295	336,562661	437,225247	473,617979
3939	219,069326	249,494862	304,970483	308,892287	336,590812	437,25634	473,650631
3940	219,138948	249,569708	305,041304	308,941618	336,618957	437,287428	473,683277
3941	219,208575	249,644558	305,112125	308,990945	336,647098	437,31851	473,715917
3942	219,278207	249,719411	305,182944	309,040268	336,675234	437,349586	473,748551
3943	219,347843	249,794267	305,253761	309,089585	336,703365	437,380656	473,781179
3944	219,417483	249,869127	305,324577	309,138898	336,731492	437,411721	473,813801
3945	219,487128	249,94399	305,395391	309,188207	336,759614	437,44278	473,846416
3946	219,556777	250,018857	305,466203	309,237511	336,787731	437,473834	473,879026
3947	219,626431	250,093727	305,537015	309,28681	336,815843	437,504882	473,91163
3948	219,696089	250,168601	305,607824	309,336104	336,84395	437,535924	473,944228
3949	219,765752	250,243478	305,678632	309,385394	336,872053	437,56696	473,97682
3950	219,835419	250,318358	305,749439	309,43468	336,900151	437,597991	474,009405
3951	219,90509	250,393242	305,820244	309,48396	336,928244	437,629016	474,041985

3952	219,974766	250,46813	305,891048	309,533236	336,956332	437,660036	474,074559
3953	220,044447	250,54302	305,96185	309,582508	336,984416	437,69105	474,107127
3954	220,114132	250,617915	306,03265	309,631775	337,012494	437,722058	474,139689
3955	220,183821	250,692812	306,103449	309,681037	337,040568	437,753061	474,172244
3956	220,253515	250,767714	306,174247	309,730294	337,068638	437,784058	474,204794
3957	220,323213	250,842618	306,245043	309,779547	337,096702	437,815049	474,237338
3958	220,392915	250,917526	306,315837	309,828796	337,124762	437,846035	474,269876
3959	220,462622	250,992438	306,38663	309,878039	337,152817	437,877015	474,302407
3960	220,532334	251,067353	306,457421	309,927279	337,180867	437,907989	474,334933
3961	220,60205	251,142271	306,528211	309,976513	337,208913	437,938958	474,367453
3962	220,67177	251,217193	306,599	310,025743	337,236953	437,969921	474,399967
3963	220,741495	251,292118	306,669786	310,074968	337,264989	438,000879	474,432475
3964	220,811224	251,367047	306,740572	310,124189	337,293021	438,031831	474,464977
3965	220,880958	251,441979	306,811356	310,173405	337,321047	438,062777	474,497473
3966	220,950696	251,516915	306,882138	310,222617	337,349069	438,093718	474,529963
3967	221,020439	251,591854	306,952919	310,271823	337,377086	438,124653	474,562447
3968	221,090186	251,666796	307,023698	310,321026	337,405098	438,155583	474,594925
3969	221,159937	251,741742	307,094476	310,370223	337,433106	438,186506	474,627397
3970	221,229693	251,816692	307,165252	310,419417	337,461109	438,217425	474,659863
3971	221,299453	251,891644	307,236026	310,468605	337,489107	438,248337	474,692323
3972	221,369218	251,966601	307,3068	310,517789	337,517101	438,279244	474,724777
3973	221,438987	252,04156	307,377571	310,566968	337,545089	438,310146	474,757226
3974	221,50876	252,116523	307,448341	310,616143	337,573073	438,341042	474,789668
3975	221,578538	252,19149	307,51911	310,665313	337,601052	438,371932	474,822104
3976	221,648321	252,26646	307,589877	310,714479	337,629027	438,402817	474,854535
3977	221,718108	252,341433	307,660643	310,76364	337,656997	438,433696	474,886959
3978	221,787899	252,41641	307,731407	310,812796	337,684962	438,464569	474,919378
3979	221,857694	252,49139	307,802169	310,861948	337,712922	438,495437	474,951791
3980	221,927495	252,566374	307,872931	310,911095	337,740878	438,5263	474,984197
3981	221,997299	252,641361	307,94369	310,960238	337,768829	438,557156	475,016598
3982	222,067108	252,716351	308,014448	311,009376	337,796775	438,588007	475,048993
3983	222,136921	252,791345	308,085205	311,05851	337,824717	438,618853	475,081382
3984	222,206739	252,866343	308,15596	311,107639	337,852654	438,649693	475,113765
3985	222,276561	252,941343	308,226713	311,156763	337,880586	438,680528	475,146142
3986	222,346388	253,016348	308,297465	311,205883	337,908513	438,711356	475,178513
3987	222,416219	253,091355	308,368216	311,254998	337,936436	438,74218	475,210878
3988	222,486054	253,166366	308,438965	311,304109	337,964354	438,772998	475,243238
3989	222,555894	253,241381	308,509712	311,353215	337,992267	438,80381	475,275591
3990	222,625738	253,316399	308,580458	311,402316	338,020176	438,834616	475,307939
3991	222,695587	253,39142	308,651203	311,451413	338,04808	438,865417	475,34028
3992	222,76544	253,466445	308,721946	311,500506	338,075979	438,896213	475,372616
3993	222,835298	253,541473	308,792687	311,549594	338,103874	438,927003	475,404946
3994	222,90516	253,616504	308,863427	311,598677	338,131764	438,957787	475,43727
3995	222,975026	253,691539	308,934166	311,647756	338,159649	438,988566	475,469588
3996	223,044897	253,766578	309,004903	311,69683	338,18753	439,01934	475,5019
3997	223,114772	253,84162	309,075638	311,7459	338,215406	439,050107	475,534206

3998	223,184651	253,916665	309,146372	311,794965	338,243277	439,08087	475,566507
3999	223,254535	253,991714	309,217104	311,844025	338,271144	439,111626	475,598801
4000	223,324423	254,066766	309,287835	311,893081	338,299006	439,142378	475,63109
4001	223,394316	254,141821	309,358565	311,942133	338,326863	439,173123	475,663372
4002	223,464213	254,21688	309,429293	311,99118	338,354715	439,203863	475,695649
4003	223,534115	254,291942	309,500019	312,040222	338,382563	439,234598	475,72792
4004	223,604021	254,367008	309,570744	312,08926	338,410406	439,265327	475,760185
4005	223,673931	254,442077	309,641467	312,138293	338,438245	439,296051	475,792445
4006	223,743846	254,51715	309,712189	312,187322	338,466079	439,326769	475,824698
4007	223,813765	254,592226	309,78291	312,236346	338,493908	439,357481	475,856945
4008	223,883689	254,667305	309,853629	312,285366	338,521733	439,388188	475,889187
4009	223,953617	254,742388	309,924346	312,334381	338,549553	439,41889	475,921423
4010	224,023549	254,817474	309,995062	312,383392	338,577368	439,449586	475,953653
4011	224,093486	254,892563	310,065776	312,432398	338,605179	439,480276	475,985877
4012	224,163427	254,967656	310,136489	312,4814	338,632985	439,510961	476,018095
4013	224,233372	255,042753	310,207201	312,530397	338,660786	439,541641	476,050308
4014	224,303322	255,117852	310,277911	312,579389	338,688583	439,572315	476,082514
4015	224,373277	255,192956	310,348619	312,628377	338,716375	439,602983	476,114715
4016	224,443235	255,268062	310,419326	312,677361	338,744162	439,633646	476,14691
4017	224,513199	255,343172	310,490031	312,72634	338,771945	439,664303	476,179099
4018	224,583166	255,418286	310,560735	312,775314	338,799723	439,694955	476,211282
4019	224,653138	255,493402	310,631438	312,824284	338,827497	439,725602	476,243459
4020	224,723114	255,568523	310,702139	312,873249	338,855266	439,756243	476,275631
4021	224,793095	255,643646	310,772838	312,92221	338,88303	439,786878	476,307797
4022	224,86308	255,718773	310,843536	312,971167	338,910789	439,817508	476,339956
4023	224,933069	255,793903	310,914233	313,020119	338,938544	439,848133	476,372111
4024	225,003063	255,869037	310,984928	313,069066	338,966295	439,878752	476,404259
4025	225,073061	255,944174	311,055621	313,118009	338,994041	439,909366	476,436401
4026	225,143064	256,019315	311,126313	313,166947	339,021782	439,939974	476,468538
4027	225,213071	256,094459	311,197003	313,215881	339,049518	439,970576	476,500669
4028	225,283082	256,169606	311,267692	313,26481	339,07725	440,001174	476,532794
4029	225,353098	256,244757	311,33838	313,313735	339,104977	440,031765	476,564913
4030	225,423118	256,319911	311,409066	313,362656	339,1327	440,062352	476,597026
4031	225,493143	256,395069	311,479751	313,411571	339,160418	440,092932	476,629134
4032	225,563171	256,47023	311,550434	313,460483	339,188132	440,123508	476,661235
4033	225,633205	256,545394	311,621115	313,50939	339,21584	440,154078	476,693331
4034	225,703242	256,620562	311,691795	313,558292	339,243545	440,184642	476,725422
4035	225,773284	256,695733	311,762474	313,60719	339,271244	440,215201	476,757506
4036	225,843331	256,770907	311,833151	313,656083	339,298939	440,245754	476,789585
4037	225,913382	256,846085	311,903826	313,704972	339,32663	440,276302	476,821657
4038	225,983437	256,921266	311,9745	313,753856	339,354316	440,306845	476,853724
4039	226,053496	256,996451	312,045173	313,802736	339,381997	440,337382	476,885786
4040	226,12356	257,071639	312,115844	313,851612	339,409673	440,367914	476,917841
4041	226,193628	257,14683	312,186514	313,900483	339,437346	440,39844	476,949891
4042	226,263701	257,222025	312,257182	313,949349	339,465013	440,428961	476,981935
4043	226,333778	257,297223	312,327849	313,998211	339,492676	440,459477	477,013973

4044	226,403859	257,372425	312,398514	314,047069	339,520334	440,489987	477,046005
4045	226,473945	257,44763	312,469178	314,095922	339,547988	440,520491	477,078032
4046	226,544035	257,522838	312,53984	314,14477	339,575637	440,55099	477,110053
4047	226,61413	257,59805	312,6105	314,193614	339,603282	440,581484	477,142068
4048	226,684228	257,673265	312,68116	314,242454	339,630921	440,611972	477,174077
4049	226,754332	257,748484	312,751817	314,291289	339,658557	440,642455	477,206081
4050	226,824439	257,823705	312,822474	314,340119	339,686188	440,672933	477,238078
4051	226,894551	257,898931	312,893129	314,388946	339,713814	440,703405	477,27007
4052	226,964667	257,974159	312,963782	314,437767	339,741436	440,733871	477,302057
4053	227,034788	258,049391	313,034434	314,486585	339,769053	440,764333	477,334037
4054	227,104913	258,124627	313,105084	314,535397	339,796665	440,794788	477,366012
4055	227,175042	258,199865	313,175733	314,584206	339,824273	440,825239	477,397981
4056	227,245176	258,275107	313,24638	314,63301	339,851877	440,855684	477,429944
4057	227,315314	258,350353	313,317026	314,681809	339,879475	440,886123	477,461902
4058	227,385457	258,425602	313,387671	314,730604	339,90707	440,916558	477,493854
4059	227,455603	258,500854	313,458313	314,779394	339,934659	440,946986	477,5258
4060	227,525755	258,57611	313,528955	314,82818	339,962245	440,97741	477,55774
4061	227,59591	258,651369	313,599595	314,876962	339,989825	441,007828	477,589675
4062	227,66607	258,726631	313,670233	314,925739	340,017401	441,03824	477,621604
4063	227,736234	258,801897	313,74087	314,974512	340,044973	441,068648	477,653527
4064	227,806403	258,877166	313,811506	315,02328	340,07254	441,09905	477,685444
4065	227,876576	258,952438	313,88214	315,072044	340,100102	441,129446	477,717356
4066	227,946753	259,027714	313,952773	315,120803	340,12766	441,159837	477,749262
4067	228,016935	259,102993	314,023404	315,169558	340,155213	441,190223	477,781163
4068	228,087121	259,178276	314,094033	315,218308	340,182762	441,220603	477,813057
4069	228,157311	259,253562	314,164662	315,267054	340,210306	441,250978	477,844946
4070	228,227506	259,328851	314,235288	315,315796	340,237846	441,281348	477,876829
4071	228,297705	259,404144	314,305913	315,364533	340,265381	441,311712	477,908707
4072	228,367908	259,47944	314,376537	315,413266	340,292912	441,342071	477,940579
4073	228,438116	259,554739	314,447159	315,461994	340,320438	441,372424	477,972445
4074	228,508328	259,630042	314,51778	315,510718	340,34796	441,402772	478,004305
4075	228,578544	259,705348	314,5884	315,559437	340,375477	441,433115	478,03616
4076	228,648765	259,780657	314,659017	315,608152	340,402989	441,463453	478,068009
4077	228,71899	259,85597	314,729634	315,656863	340,430497	441,493785	478,099852
4078	228,789219	259,931286	314,800249	315,705569	340,458001	441,524111	478,13169
4079	228,859453	260,006606	314,870862	315,75427	340,4855	441,554433	478,163522
4080	228,929691	260,081929	314,941474	315,802968	340,512994	441,584749	478,195348
4081	228,999934	260,157255	315,012085	315,851661	340,540484	441,615059	478,227168
4082	229,070181	260,232585	315,082694	315,900349	340,567969	441,645365	478,258983
4083	229,140432	260,307918	315,153301	315,949033	340,59545	441,675665	478,290793
4084	229,210687	260,383254	315,223907	315,997712	340,622927	441,705959	478,322596
4085	229,280947	260,458594	315,294512	316,046388	340,650399	441,736248	478,354394
4086	229,351211	260,533937	315,365115	316,095058	340,677866	441,766532	478,386186
4087	229,42148	260,609283	315,435717	316,143725	340,705329	441,796811	478,417973
4088	229,491752	260,684633	315,506317	316,192387	340,732787	441,827084	478,449754
4089	229,56203	260,759986	315,576916	316,241044	340,760241	441,857352	478,481529

4090	229,632311	260,835342	315,647513	316,289697	340,78769	441,887615	478,513299
4091	229,702597	260,910702	315,718109	316,338346	340,815135	441,917872	478,545062
4092	229,772887	260,986065	315,788703	316,38699	340,842575	441,948124	478,576821
4093	229,843182	261,061432	315,859296	316,43563	340,870011	441,978371	478,608573
4094	229,91348	261,136802	315,929887	316,484265	340,897443	442,008612	478,64032
4095	229,983783	261,212175	316,000477	316,532896	340,92487	442,038848	478,672062
4096	230,054091	261,287551	316,071066	316,581523	340,952292	442,069079	478,703797
4097	230,124403	261,362931	316,141653	316,630145	340,97971	442,099304	478,735527
4098	230,194719	261,438315	316,212238	316,678763	341,007123	442,129524	478,767252
4099	230,265039	261,513701	316,282822	316,727377	341,034532	442,159739	478,79897
4100	230,335364	261,589091	316,353405	316,775986	341,061937	442,189949	478,830684
4101	230,405693	261,664484	316,423986	316,82459	341,089337	442,220153	478,862391
4102	230,476027	261,739881	316,494566	316,87319	341,116732	442,250352	478,894093
4103	230,546364	261,815281	316,565144	316,921786	341,144123	442,280545	478,925789
4104	230,616706	261,890684	316,635721	316,970378	341,17151	442,310734	478,95748
4105	230,687053	261,966091	316,706296	317,018965	341,198892	442,340917	478,989165
4106	230,757403	262,041501	316,77687	317,067548	341,226269	442,371094	479,020844
4107	230,827758	262,116914	316,847442	317,116126	341,253642	442,401267	479,052518
4108	230,898118	262,192331	316,918013	317,1647	341,281011	442,431434	479,084186
4109	230,968481	262,267751	316,988582	317,213269	341,308375	442,461596	479,115848
4110	231,038849	262,343174	317,05915	317,261835	341,335735	442,491752	479,147505
4111	231,109222	262,418601	317,129717	317,310395	341,36309	442,521904	479,179157
4112	231,179598	262,494031	317,200282	317,358952	341,390441	442,55205	479,210802
4113	231,249979	262,569464	317,270846	317,407504	341,417787	442,58219	479,242442
4114	231,320364	262,644901	317,341408	317,456052	341,445129	442,612326	479,274077
4115	231,390754	262,720341	317,411969	317,504595	341,472467	442,642456	479,305706
4116	231,461148	262,795785	317,482528	317,553134	341,4998	442,672581	479,337329
4117	231,531546	262,871231	317,553086	317,601668	341,527128	442,7027	479,368947
4118	231,601948	262,946681	317,623642	317,650198	341,554452	442,732815	479,400559
4119	231,672355	263,022135	317,694197	317,698724	341,581772	442,762924	479,432165
4120	231,742766	263,097591	317,76475	317,747246	341,609087	442,793028	479,463766
4121	231,813182	263,173051	317,835302	317,795763	341,636398	442,823126	479,495362
4122	231,883601	263,248515	317,905853	317,844276	341,663704	442,85322	479,526951
4123	231,954025	263,323982	317,976402	317,892784	341,691006	442,883308	479,558535
4124	232,024454	263,399452	318,046949	317,941288	341,718304	442,913391	479,590114
4125	232,094886	263,474925	318,117495	317,989788	341,745597	442,943468	479,621687
4126	232,165323	263,550402	318,18804	318,038283	341,772885	442,973541	479,653254
4127	232,235764	263,625882	318,258583	318,086774	341,800169	443,003608	479,684816
4128	232,30621	263,701365	318,329125	318,13526	341,827449	443,03367	479,716373
4129	232,37666	263,776852	318,399665	318,183743	341,854724	443,063726	479,747923
4130	232,447114	263,852342	318,470204	318,23222	341,881995	443,093778	479,779469
4131	232,517572	263,927835	318,540742	318,280694	341,909261	443,123824	479,811008
4132	232,588035	264,003332	318,611278	318,329163	341,936523	443,153865	479,842542
4133	232,658502	264,078832	318,681812	318,377628	341,963781	443,1839	479,874071
4134	232,728973	264,154335	318,752345	318,426088	341,991034	443,213931	479,905594
4135	232,799449	264,229841	318,822877	318,474544	342,018283	443,243956	479,937111

4136	232,869929	264,305351	318,893407	318,522996	342,045527	443,273976	479,968623
4137	232,940413	264,380865	318,963936	318,571444	342,072767	443,303991	480,000129
4138	233,010902	264,456381	319,034463	318,619887	342,100002	443,334	480,03163
4139	233,081394	264,531901	319,104989	318,668326	342,127233	443,364005	480,063125
4140	233,151892	264,607424	319,175513	318,71676	342,15446	443,394004	480,094615
4141	233,222393	264,682951	319,246036	318,76519	342,181682	443,423998	480,126099
4142	233,292899	264,758481	319,316558	318,813616	342,2089	443,453986	480,157577
4143	233,363409	264,834014	319,387078	318,862037	342,236114	443,48397	480,18905
4144	233,433923	264,90955	319,457596	318,910454	342,263323	443,513948	480,220518
4145	233,504441	264,98509	319,528113	318,958867	342,290527	443,543921	480,25198
4146	233,574964	265,060633	319,598629	319,007276	342,317728	443,573889	480,283436
4147	233,645491	265,13618	319,669143	319,05568	342,344923	443,603852	480,314887
4148	233,716023	265,211729	319,739656	319,104079	342,372115	443,633809	480,346333
4149	233,786559	265,287282	319,810168	319,152475	342,399302	443,663761	480,377773
4150	233,857099	265,362839	319,880678	319,200866	342,426484	443,693708	480,409207
4151	233,927643	265,438398	319,951186	319,249253	342,453663	443,72365	480,440636
4152	233,998191	265,513961	320,021693	319,297635	342,480837	443,753587	480,472059
4153	234,068744	265,589528	320,092199	319,346013	342,508006	443,783518	480,503477
4154	234,139301	265,665097	320,162703	319,394387	342,535171	443,813445	480,534889
4155	234,209863	265,74067	320,233205	319,442757	342,562332	443,843366	480,566296
4156	234,280428	265,816246	320,303707	319,491122	342,589488	443,873282	480,597698
4157	234,350998	265,891826	320,374206	319,539483	342,61664	443,903193	480,629093
4158	234,421573	265,967409	320,444705	319,58784	342,643788	443,933098	480,660484
4159	234,492151	266,042995	320,515202	319,636192	342,670931	443,962998	480,691869
4160	234,562734	266,118584	320,585697	319,68454	342,69807	443,992894	480,723248
4161	234,633321	266,194177	320,656191	319,732883	342,725204	444,022784	480,754622
4162	234,703912	266,269773	320,726684	319,781223	342,752334	444,052669	480,78599
4163	234,774508	266,345372	320,797175	319,829558	342,77946	444,082548	480,817353
4164	234,845108	266,420975	320,867665	319,877889	342,806581	444,112423	480,84871
4165	234,915712	266,496581	320,938153	319,926215	342,833698	444,142292	480,880062
4166	234,986321	266,57219	321,00864	319,974537	342,860811	444,172157	480,911408
4167	235,056933	266,647803	321,079125	320,022855	342,887919	444,202016	480,942749
4168	235,12755	266,723419	321,149609	320,071169	342,915023	444,23187	480,974085
4169	235,198172	266,799038	321,220092	320,119478	342,942123	444,261718	481,005415
4170	235,268797	266,87466	321,290573	320,167783	342,969218	444,291562	481,036739
4171	235,339427	266,950286	321,361053	320,216084	342,996309	444,3214	481,068058
4172	235,410061	267,025915	321,431531	320,26438	343,023395	444,351234	481,099372
4173	235,480699	267,101548	321,502008	320,312672	343,050477	444,381062	481,13068
4174	235,551342	267,177183	321,572483	320,36096	343,077555	444,410885	481,161983
4175	235,621989	267,252822	321,642957	320,409243	343,104628	444,440703	481,19328
4176	235,69264	267,328464	321,713429	320,457523	343,131697	444,470516	481,224572
4177	235,763295	267,40411	321,7839	320,505797	343,158762	444,500323	481,255858
4178	235,833955	267,479759	321,85437	320,554068	343,185822	444,530126	481,287139
4179	235,904619	267,555411	321,924838	320,602335	343,212879	444,559923	481,318414
4180	235,975287	267,631066	321,995305	320,650597	343,23993	444,589715	481,349684
4181	236,04596	267,706725	322,06577	320,698854	343,266978	444,619502	481,380948

4182	236,116636	267,782387	322,136234	320,747108	343,294021	444,649284	481,412207
4183	236,187317	267,858052	322,206697	320,795357	343,321059	444,679061	481,443461
4184	236,258003	267,933721	322,277158	320,843602	343,348094	444,708833	481,474709
4185	236,328692	268,009393	322,347617	320,891843	343,375124	444,738599	481,505952
4186	236,399386	268,085068	322,418075	320,940079	343,402149	444,768361	481,537189
4187	236,470084	268,160747	322,488532	320,988312	343,429171	444,798117	481,568421
4188	236,540786	268,236428	322,558987	321,036539	343,456188	444,827868	481,599647
4189	236,611493	268,312113	322,629441	321,084763	343,483201	444,857615	481,630868
4190	236,682203	268,387802	322,699894	321,132982	343,510209	444,887356	481,662084
4191	236,752918	268,463493	322,770345	321,181198	343,537213	444,917091	481,693294
4192	236,823638	268,539188	322,840794	321,229408	343,564213	444,946822	481,724498
4193	236,894361	268,614886	322,911243	321,277615	343,591208	444,976548	481,755698
4194	236,965089	268,690588	322,981689	321,325817	343,618199	445,006269	481,786891
4195	237,035821	268,766292	323,052135	321,374015	343,645186	445,035984	481,81808
4196	237,106557	268,842001	323,122578	321,422209	343,672169	445,065694	481,849263
4197	237,177298	268,917712	323,193021	321,470399	343,699147	445,0954	481,880441
4198	237,248043	268,993426	323,263462	321,518584	343,726121	445,1251	481,911613
4199	237,318792	269,069144	323,333901	321,566765	343,75309	445,154795	481,942779
4200	237,389545	269,144865	323,40434	321,614942	343,780056	445,184485	481,973941
4201	237,460303	269,22059	323,474776	321,663114	343,807016	445,21417	482,005097
4202	237,531064	269,296318	323,545212	321,711282	343,833973	445,24385	482,036247
4203	237,60183	269,372049	323,615646	321,759447	343,860926	445,273525	482,067393
4204	237,672601	269,447783	323,686078	321,807606	343,887874	445,303194	482,098532
4205	237,743375	269,52352	323,756509	321,855762	343,914817	445,332859	482,129667
4206	237,814154	269,599261	323,826939	321,903913	343,941757	445,362518	482,160796
4207	237,884937	269,675005	323,897367	321,95206	343,968692	445,392173	482,191919
4208	237,955724	269,750753	323,967794	322,000203	343,995623	445,421822	482,223038
4209	238,026516	269,826503	324,038219	322,048342	344,022549	445,451467	482,25415
4210	238,097311	269,902257	324,108643	322,096476	344,049472	445,481106	482,285258
4211	238,168111	269,978014	324,179065	322,144606	344,07639	445,51074	482,31636
4212	238,238916	270,053775	324,249486	322,192732	344,103304	445,540369	482,347457
4213	238,309724	270,129539	324,319906	322,240853	344,130213	445,569993	482,378548
4214	238,380537	270,205306	324,390324	322,288971	344,157118	445,599612	482,409634
4215	238,451354	270,281076	324,460741	322,337084	344,184019	445,629226	482,440714
4216	238,522175	270,356849	324,531157	322,385193	344,210916	445,658835	482,47179
4217	238,593	270,432626	324,601571	322,433298	344,237808	445,688439	482,502859
4218	238,66383	270,508406	324,671983	322,481398	344,264696	445,718038	482,533924
4219	238,734664	270,58419	324,742394	322,529494	344,29158	445,747631	482,564983
4220	238,805502	270,659976	324,812804	322,577586	344,318459	445,77722	482,596037
4221	238,876344	270,735766	324,883212	322,625674	344,345335	445,806804	482,627085
4222	238,947191	270,811559	324,953619	322,673758	344,372206	445,836382	482,658128
4223	239,018041	270,887356	325,024025	322,721837	344,399072	445,865956	482,689166
4224	239,088896	270,963155	325,094429	322,769912	344,425935	445,895524	482,720198
4225	239,159756	271,038958	325,164831	322,817983	344,452793	445,925088	482,751225
4226	239,230619	271,114764	325,235233	322,86605	344,479647	445,954646	482,782247
4227	239,301487	271,190574	325,305632	322,914112	344,506497	445,9842	482,813263

4228	239,372359	271,266387	325,376031	322,96217	344,533342	446,013748	482,844274
4229	239,443235	271,342203	325,446428	323,010224	344,560183	446,043291	482,87528
4230	239,514115	271,418022	325,516823	323,058274	344,58702	446,07283	482,90628
4231	239,585	271,493844	325,587217	323,10632	344,613853	446,102363	482,937275
4232	239,655888	271,56967	325,65761	323,154361	344,640681	446,131891	482,968264
4233	239,726781	271,645499	325,728001	323,202399	344,667505	446,161415	482,999249
4234	239,797679	271,721331	325,798391	323,250432	344,694325	446,190933	483,030228
4235	239,86858	271,797167	325,86878	323,29846	344,721141	446,220446	483,061201
4236	239,939486	271,873006	325,939167	323,346485	344,747952	446,249954	483,092169
4237	240,010396	271,948848	326,009553	323,394505	344,774759	446,279457	483,123132
4238	240,08131	272,024693	326,079937	323,442521	344,801562	446,308956	483,15409
4239	240,152228	272,100542	326,15032	323,490533	344,828361	446,338449	483,185042
4240	240,223151	272,176394	326,220701	323,538541	344,855155	446,367937	483,215989
4241	240,294078	272,252249	326,291081	323,586545	344,881946	446,39742	483,246931
4242	240,365009	272,328107	326,36146	323,634544	344,908732	446,426898	483,277867
4243	240,435944	272,403969	326,431837	323,682539	344,935513	446,456371	483,308798
4244	240,506883	272,479833	326,502213	323,73053	344,962291	446,485839	483,339724
4245	240,577827	272,555701	326,572587	323,778517	344,989064	446,515303	483,370645
4246	240,648775	272,631573	326,64296	323,8265	345,015833	446,544761	483,40156
4247	240,719727	272,707447	326,713332	323,874478	345,042598	446,574214	483,43247
4248	240,790683	272,783325	326,783702	323,922453	345,069359	446,603662	483,463374
4249	240,861644	272,859206	326,85407	323,970423	345,096115	446,633105	483,494273
4250	240,932608	272,935091	326,924438	324,018389	345,122867	446,662544	483,525167
4251	241,003577	273,010978	326,994804	324,06635	345,149615	446,691977	483,556056
4252	241,07455	273,086869	327,065168	324,114308	345,176359	446,721405	483,586939
4253	241,145528	273,162763	327,135531	324,162261	345,203098	446,750828	483,617817
4254	241,216509	273,23866	327,205893	324,21021	345,229834	446,780246	483,64869
4255	241,287495	273,314561	327,276253	324,258155	345,256565	446,80966	483,679558
4256	241,358485	273,390465	327,346612	324,306096	345,283292	446,839068	483,71042
4257	241,429479	273,466372	327,41697	324,354033	345,310014	446,868471	483,741277
4258	241,500477	273,542282	327,487326	324,401965	345,336733	446,89787	483,772128
4259	241,57148	273,618196	327,55768	324,449894	345,363447	446,927263	483,802975
4260	241,642487	273,694113	327,628034	324,497818	345,390157	446,956652	483,833816
4261	241,713498	273,770033	327,698386	324,545738	345,416863	446,986035	483,864652
4262	241,784513	273,845956	327,768736	324,593653	345,443565	447,015414	483,895482
4263	241,855532	273,921882	327,839085	324,641565	345,470262	447,044787	483,926308
4264	241,926556	273,997812	327,909433	324,689472	345,496955	447,074156	483,957128
4265	241,997583	274,073745	327,979779	324,737376	345,523644	447,10352	483,987942
4266	242,068615	274,149681	328,050124	324,785275	345,550329	447,132878	484,018752
4267	242,139652	274,225621	328,120467	324,83317	345,57701	447,162232	484,049556
4268	242,210692	274,301563	328,190809	324,881061	345,603686	447,191581	484,080355
4269	242,281736	274,377509	328,26115	324,928947	345,630359	447,220925	484,111149
4270	242,352785	274,453459	328,331489	324,97683	345,657027	447,250263	484,141937
4271	242,423838	274,529411	328,401827	325,024708	345,683691	447,279597	484,172721
4272	242,494895	274,605367	328,472164	325,072582	345,71035	447,308926	484,203499
4273	242,565957	274,681326	328,542499	325,120452	345,737006	447,33825	484,234271

4274	242,637022	274,757288	328,612832	325,168318	345,763657	447,36757	484,265039
4275	242,708092	274,833253	328,683165	325,21618	345,790304	447,396884	484,295801
4276	242,779166	274,909222	328,753495	325,264037	345,816947	447,426193	484,326558
4277	242,850244	274,985193	328,823825	325,311891	345,843586	447,455497	484,35731
4278	242,921326	275,061168	328,894153	325,35974	345,870221	447,484797	484,388056
4279	242,992413	275,137147	328,96448	325,407585	345,896851	447,514091	484,418798
4280	243,063503	275,213128	329,034805	325,455426	345,923478	447,543381	484,449534
4281	243,134598	275,289113	329,105129	325,503263	345,9501	447,572665	484,480265
4282	243,205697	275,365101	329,175451	325,551096	345,976718	447,601945	484,51099
4283	243,2768	275,441092	329,245772	325,598924	346,003332	447,63122	484,541711
4284	243,347908	275,517086	329,316092	325,646749	346,029941	447,66049	484,572426
4285	243,419019	275,593084	329,38641	325,694569	346,056547	447,689755	484,603136
4286	243,490135	275,669085	329,456727	325,742385	346,083148	447,719015	484,633841
4287	243,561255	275,745089	329,527043	325,790197	346,109745	447,74827	484,66454
4288	243,632379	275,821096	329,597357	325,838005	346,136338	447,77752	484,695234
4289	243,703507	275,897107	329,667669	325,885809	346,162927	447,806765	484,725923
4290	243,77464	275,973121	329,737981	325,933609	346,189512	447,836006	484,756607
4291	243,845777	276,049138	329,808291	325,981404	346,216092	447,865241	484,787286
4292	243,916917	276,125158	329,878599	326,029195	346,242669	447,894472	484,817959
4293	243,988062	276,201181	329,948906	326,076983	346,269241	447,923697	484,848628
4294	244,059212	276,277208	330,019212	326,124766	346,295809	447,952918	484,879291
4295	244,130365	276,353238	330,089516	326,172545	346,322373	447,982134	484,909949
4296	244,201523	276,429271	330,159819	326,22032	346,348933	448,011345	484,940601
4297	244,272684	276,505307	330,230121	326,26809	346,375488	448,040551	484,971249
4298	244,34385	276,581347	330,300421	326,315857	346,40204	448,069752	485,001891
4299	244,41502	276,657389	330,37072	326,363619	346,428587	448,098948	485,032528
4300	244,486195	276,733435	330,441017	326,411378	346,45513	448,12814	485,06316