

# Tarea 8

Santiago Robatto y Sofia Terra

## Ejercicio 9.9 Bayes Rules!

Exercise 9.9 (How humid is too humid: model building) Throughout this chapter, we explored how bike ridership fluctuates with temperature. But what about humidity? In the next exercises, you will explore the Normal regression model of rides (Y) by humidity (X) using the bikes dataset. Based on past bikeshare analyses, suppose we have the following prior understanding of this relationship: Prior understanding of this relationship:

- On an *average* humidity day, there are typically around 5000 riders, though this average could be somewhere between 1000 and 9000.
- Ridership tends to decrease as humidity increases. Specifically, for every one percentage point increase in humidity level, ridership tends to decrease by 10 rides, though this average decrease could be anywhere between 0 and 20.
- Ridership is only weakly related to humidity. At any given humidity, ridership will tend to vary with a large standard deviation of 2000 rides.

En primer lugar, procederemos a entender quién es cada una de las variables del modelo de regresión normal simple para este ejercicio.

Recordemos que el modelo definido en el libro es:

$$Y_i = \beta_0 + \beta_1 X_i + \epsilon_i$$

Por ende, tenemos:

- Y: Es la variable de respuesta, es decir, la que buscamos modelar. Al igual que en todo el capítulo 9 del libro, la variable de respuesta es la cantidad de viajes realizados por bicicletas en un día.

- $X$ : Es la variable explicativa, la cual sera utilizada para intentar explicar  $Y$ . En este caso dejaremos de tomar la temperatura como variable explicativa y comenzaremos a usar la humedad. A simple intuicion, lo logico es pensar que esta nueva variable tendra un comportamiento decreciente, es decir que a mayor humedad menor cantidad de viajes y viceversa. Ademas, personalmente pensamos que es probable que sea menos fuerte o explicativa que la variable utilizada anteriormente,
- $\beta_0$ : Se le denomina coeficiente de intercepto. Esto seria, el valor esperado de viajes cuando la humedad vale 0
- $\beta_1$ : Matematicamente hablando es la pendiente de la recta. Es decir, en este contexto representa como cambia la cantidad de viajes en funcion de los cambios de la humedad.
- $\epsilon$ : Representa el error del modelo. Para ello, asumiremos que distribuye normal, con  $\mu=0$  y varianza  $\sigma^2$ . Seremos nosotros quienes simularemos  $\sigma$  con un modelo exponencial.

En resumen:

$$\epsilon_i \sim \text{Normal}(0, \sigma) \quad \sigma \sim \text{Exponential}(\lambda)$$

De esta manera, para ajustar el modelo debemos trabajar sobre tres parametros:  $\beta_0$ ,  $\beta_1$  y  $\sigma$ .

**Ridership tends to decrease as humidity increases. Specifically, for every one percentage point increase in humidity level, ridership tends to decrease by 10 rides, though this average decrease could be anywhere between 0 and 20**  $\rightarrow$  Nos habla de como varia la cantidad de viajes ante cambios en la humedad, por ende con dicha informacion podemos definir  $\beta_1$ . Confirma nuestra teoria inicial de que la relacion es decreciente, y a su vez se observa que es un valor bastante disperso entorno al centro, es decir que hay alta variabilidad, y por ende la correlacion no sera sumamente marcada.

Para definir una varianza coherente en el modelo, utilizaremos la siguiente “regla” del modelo normal:

El  $IC_{95\%}$  de la normal coincide aproximadamente con  $\mu \pm 2$  desviaciones estandar. De manera que:

$$\text{Rango plausible}_{95\%} \approx \mu \pm 2\sigma$$

Por ende, despejando,  $\sigma=5$ . Es decir que definiremos  $\beta_1 \sim \text{Normal}(-10, 5)$

Podemos comprobar si nuestra manera de definir  $\beta_1$  fue adecuada al texto usando los cuantiles 2.5% y 97.5% de la normal.

Cuantil	Valor
2.5%	-19.8
97.5%	-0.2

De esta manera nos aseguramos estar modelando como nos indica el texto  $\beta_1$ .

**On an average humidity day, there are typically around 5000 riders, though this average could be somewhere between 1000 and 9000.** → Nos da informacion sobre  $\beta_0$ , mas precisamente es exactamente lo que comentamos anteriormente, nos da la cantidad de viajes para un dia promedio de humedad.

La definiremos con el modelo normal, centrada entorno a 5000. Para la varianza, tomaremos el mismo criterio que en el punto anterior, de modo que  $\sigma=2000$ :  $\beta_0 \sim \text{Normal}(5.000, 2.000)$

Verificamos el IC 95%:

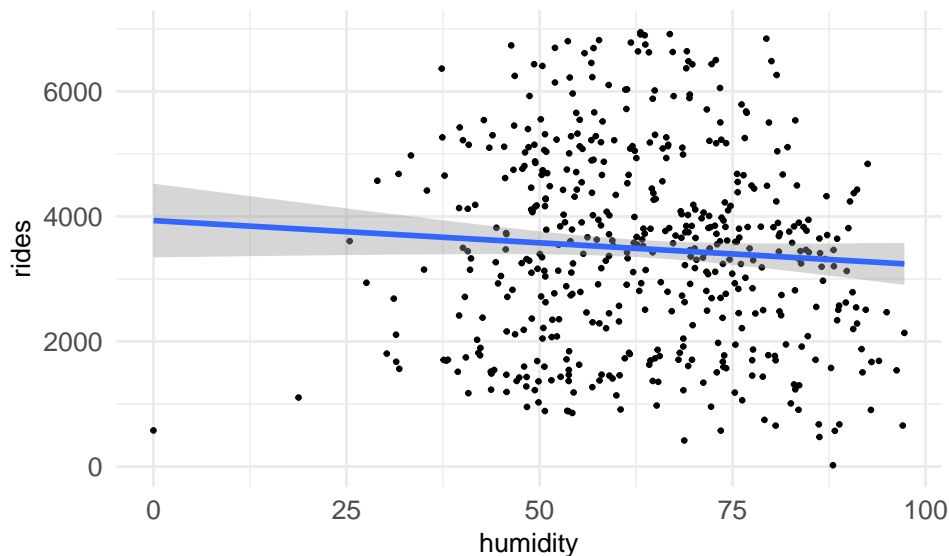
Cuantil	Valor
2.5%	1080.07
97.5%	8919.93

**Ridership is only weakly related to humidity. At any given humidity, ridership will tend to vary with a large standard deviation of 2000 rides.** → nos habla sobre el error, que sera representado, tal como se realiza en el libro, primero mediante el modelo exponencial para definir  $\sigma$  y luego con el modelo normal.

En el modelo exponencial, el inverso del parametro es igual a la media y a la varianza, por lo que, dado que nuestra varianza es 2000 (dato letra), tomaremos  $\sigma = \frac{1}{2000}$

Al graficar los datos de viajes en función de la humedad, se observa una nube de puntos bastante dispersa, sin una relación lineal fuerte (tal como esperabamo).

Aun así, la recta de tendencia ajustada muestra una leve pendiente negativa, lo que sugiere que, en promedio, a medida que aumenta la humedad, la cantidad de viajes tiende a disminuir ligeramente. Por otra parte, la gran dispersión de puntos confirma que la humedad explica solo una pequeña parte de la variabilidad en los viajes, coherente con la idea de que la relación es débil.



Juntando toda esta información, ya estamos en condiciones de definir el modelo. Utilizaremos para ello la función `stan_glm`, del paquete `rstanarm`, la cual, de manera muy resumida, lo que hace es, de forma bayesiana, combina los priors con los datos para simular la distribución posterior de los parámetros mediante MCMC.

Una manera estándar de definir el modelo es la siguiente:

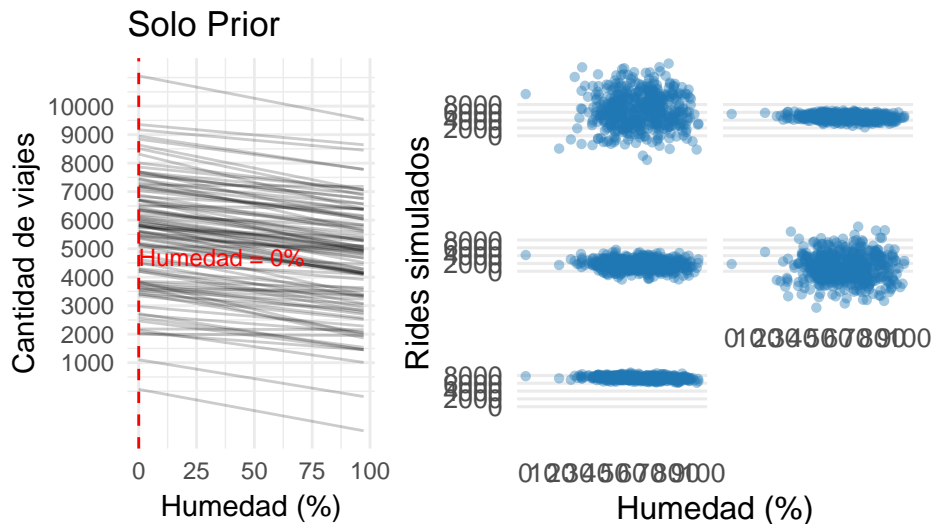
```
bike_model_hum<- stan_glm(rides ~ humidity, #Rides en funcion de la humedad
  data = bikes, #Dataset
  family = gaussian, #Asumir errores bajo modelo normal
  prior_intercept = normal(5000, 2000), #Definicion del intercepto
  prior = normal(-10, 5), #Definicion de B1
  prior_aux = exponential(1/2000), #Defnicion de sigma (para el error)
  chains = 5, # Cant. cadenas
  iter = 8000*2, #Iteraciones por cadena
  seed = 84735) #Semilla
```

Definida la base del modelo, procederemos a correrlo pero solo a partir de los priors, es decir, sin observar la data observada. Para ello, utilizaremos la función `update` combinada con el argumento `prior_pd=TRUE`, de manera de asegurarnos de que Stan ignore los datos observados y que genere valores simulados usando solo los priors.

Ajustamos y corremos el modelo:

```
bike_model_prior <- update(bike_model_hum, prior_PD = TRUE)
```

## DIOS QUE CHOTO EL P2. ARREGLARLO!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!



El grafico de la izquierda muestra las 100 combinaciones aleatorias del prior ( $\beta_0$  y  $\beta_1$ ) y genera 100 líneas a partir de esos valores tomados de manera aleatoria, donde cada línea es una versión posible de la relación entre humedad y viajes (según nuestros priors).

Claramente se observa que la relacion es negativa. Las pendientes de las líneas tienden a ser parecidas entre si, lo que nos hace pensar que tenemos cierta información consistente sobre como es la relación entre humedad y viajes. Esto confirma que, a priori, esperamos que la humedad tenga un efecto levemente negativo sobre la cantidad de viajes.

Por otro lado, la ordenada en el origen es sumamente variable, oscilando entre 3000 y 9000 la mayoría de puntos de corte. Esto es, en un día promedio de humedad, suele haber entre unas 3000 y 9000 personas, pero podría variar bastante, con valores extremos menores a 1.000 y mayores a 10.000.

Al mirar el gráfico de la derecha, los conjuntos simulados bajo los priors muestran una amplia dispersión vertical, lo que refleja nuestra incertidumbre sobre la fuerza de la relación entre humedad y viajes. Los priors, son débilmente informativos y mantienen la incertidumbre en un rango realista: se centran en niveles de viajes del orden de miles, no en valores absurdos o imposibles para el contexto de los viajes en bici. Esto garantiza que nuestro modelo exprese creencias plausibles, sin desviarse hacia valores imposibles.

A su vez, se observa a simple vista que los distintos paneles presentan niveles de dispersión variables. Esto ocurre porque en cada simulación los valores del parámetro  $\sigma$  (la desviación

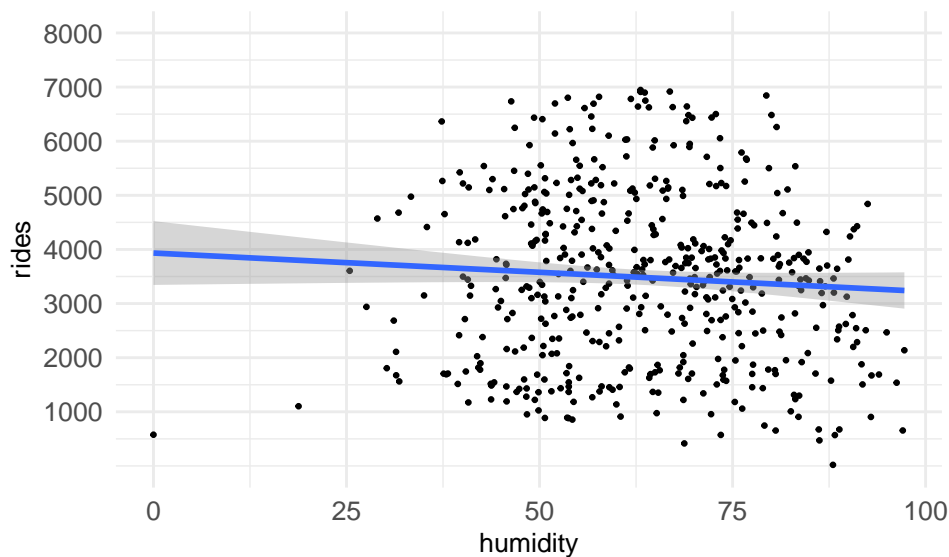
del error) son distintos. Cuando  $\sigma$  es pequeño, los puntos se concentran más cerca de la recta; cuando es grande, la nube de puntos se vuelve más dispersa.

Nuestro entendimiento previo sugiere que el número diario de viajes en bicicleta suele ser variable, siendo siempre menor a 10.000 viajes por día, y oscilando entre aproximadamente 2.000 y 9.000. Esperamos una relación apenas negativa entre la humedad y la cantidad de viajes: a medida que aumenta la humedad, el número de viajes tiende a disminuir, pero muy levemente. No obstante, dicha relación no se ve del todo clara en todos los datasets simulados. De esta manera, sería más “seguro” afirmar que lo que nos dice nuestro entendimiento previo es que la relación no es positiva.

Es decir que nuestros priors nos otorgan una incertidumbre considerable al respecto de que tan fuerte es la correlación.

## Exercise 9.10: Data

Si bien ya graficamos previamente la relación entre viajes y humedad, reiteraremos el gráfico y profundizaremos en su análisis:



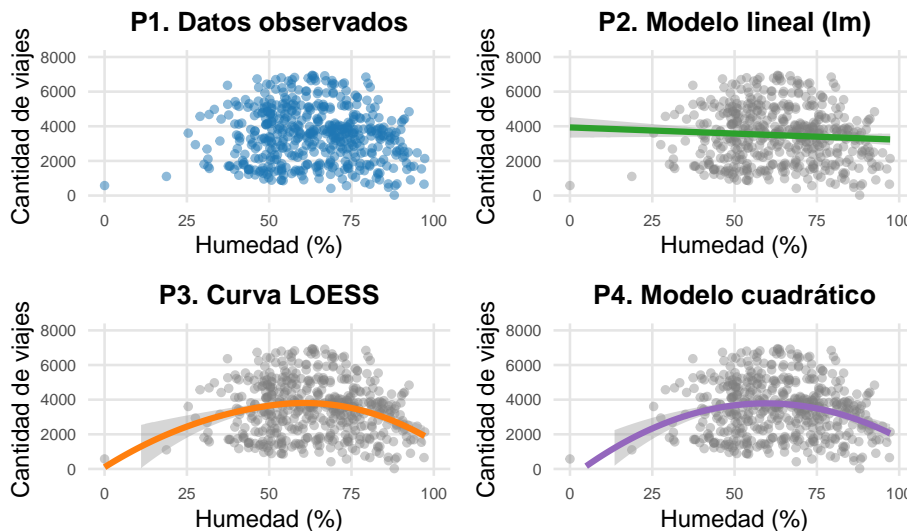
Se observa en los datos una muy leve tendencia negativa o decreciente entre la humedad y la cantidad de viajes, es decir que los días más húmedos tienden levemente a registrar apenas menos viajes que los días más secos. Esta pendiente casi plana nos indica que no hay una correlación estricta entre las dos variables.

Si observamos los valores extremos (cuando hay humedad cerca de cien), vemos que tiende a bajar la cantidad de viajes. Pasa al revés para los valores de menor humedad, tiende a subir levemente la cantidad de viajes.

Si miramos los valores promedio de humedad, esta relacion se vuelve sumamente debil y dispersa. Por ejemplo , para una humedad de aprox 60%, la cantidad de viajes oscila entre 500 y 7000, es decir, que solo saber la humedad del dia, no nos da informacion real sobre la cantidad de viajes. De esta manera, podemos interpretar que la humedad capta muy poco de la variabilidad.

Esto que mencionamos rompe un poco con uno de las suposiciones del modelo normal, llamado heterocedasticidad, o en palabras mas sencillas, el criterio de varianza constante. Distintos valores de humedad nos devuelven varianzas levemente distintas. Esta diferencia, si bien debemos marcarla, no rompe con la posibilidad de utilizar el modelo, tal como se menciona en clase.

Si graficamos la dispersion con otro geom\_method, observamos que mejoran levemente las aproximaciones obtenidas. No obstante, a efectos del ejercicio y dado que la mejora no es tan importante, decidimos avanzar con el modelo de regresion normal simple, a pesar de no ser perfecto. Para esta parte, nos apoyamos en ChatGpt dado que desconociamos los otros metodos y que es lo que realiza cada uno.



El modelo *LOESS* lo que hace es ajustar una curva flexible localmente, sin asumir una forma específica; se adapta a la tendencia real de los datos punto por punto. *LOWESS* (o *LOESS*) significa Locally Weighted Scatterplot Smoothing, es decir que ajusta una curva a los datos utilizando observaciones cercanas a cada punto de interés, no obstante es un metodo no parametrico, que entendemos escapa a los contenidos del curso. En cambio, el modelo cuadrático ajusta una parábola (relación polinómica de grado 2), permitiendo una curvatura global suave en la relación entre humedad y viajes. En este caso nos aporta valores practicamente iguales al metodo definido anteriormente.

Por otro lado, si cambiamos el foco del análisis y ahora comparamos contra el dataset con datos simulados en base a nuestros priors, tenemos ciertas diferencias considerables:

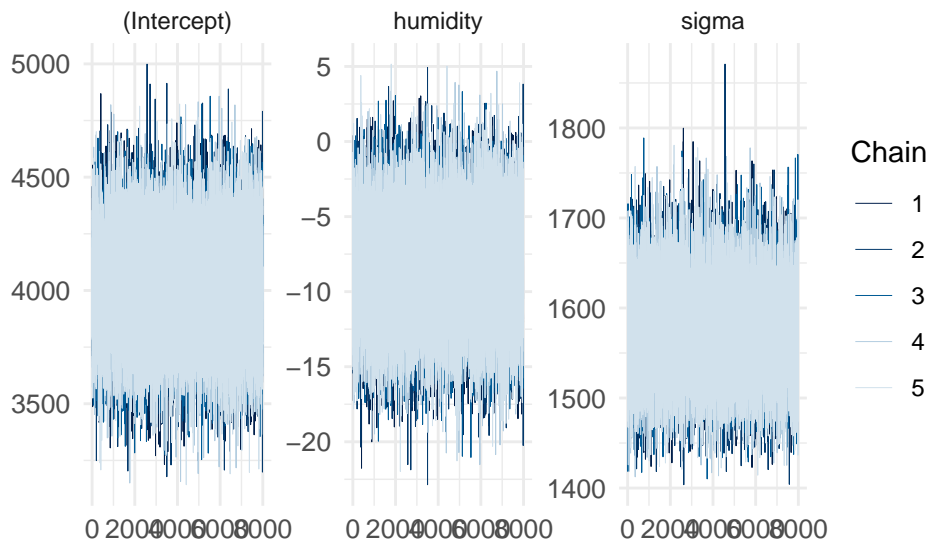
- Diferencias en la media de viajes: En el prior las centramos entorno a 5000, mientras que los datos se encuentran entorno a 4000
- Dispersion: En los priors oscilaban entre 1000 y 9000, mientras que en los datos van de 500 a 7000

## Exercise 9.11 Posterior simulation

Simularemos los posterior a partir de 5 cadenas, utilizando la funcion `update` sobre la simulacion anterior (sin el parametro `prior_pd`, para ahora si incluir los datos)

```
bike_model_pos <- update(bike_model_hum, prior_PD = FALSE)
```

Para determinar si las cadenas se mezclaron correctamente, utilizaremos el diagnostico que usamos habitualmente para MCMC: `rhat`, `neff_ratio` y los graficos tipicos de diagnostico:



En los gráficos de traza se puede ver cómo se comportaron las cinco cadenas del muestreo para los tres parámetros del modelo. En general, las cadenas se mezclan bien y no muestran ninguna tendencia rara ni demasiados saltos abruptos, lo que sugiere que el proceso de simulación fue estable.



En el caso del intercepto, los valores oscilan entre más o menos 3500 y 5000, lo cual tiene sentido porque representa el promedio de viajes cuando la humedad es promedio. Se alinea con lo que vimos en los datos anteriormente.

El parámetro de la pendiente (humidity) también se mueve dentro de un rango lógico (alrededor de  $-15$  a  $0$ ), mostrando que la estimación del efecto de la humedad es negativa, como esperábamos, y que las cadenas exploraron bien esa zona. La gran mayoría de los valores fue negativa.

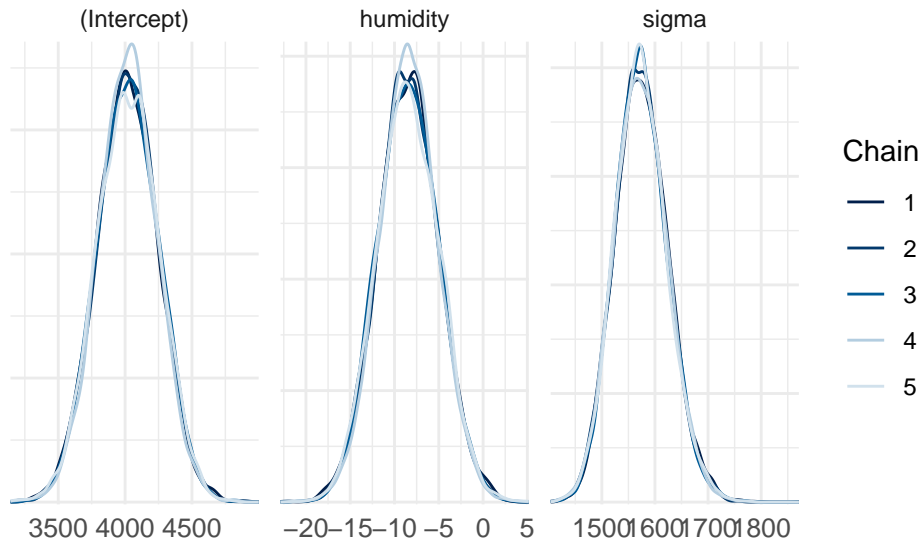
Por último, el parámetro sigma, que representa la variabilidad de los datos, también se mantiene estable entre aproximadamente 1400 y 1800.

En conjunto, las trazas no presentan señales de falta de convergencia, así que parece que las cadenas se mezclaron correctamente.

En el caso de las densidades posteriores se observa que para cada parámetro del muestreo las curvas de las distintas cadenas prácticamente se superponen, lo que indica que todas convergieron hacia la misma distribución y que el muestreo fue estable.

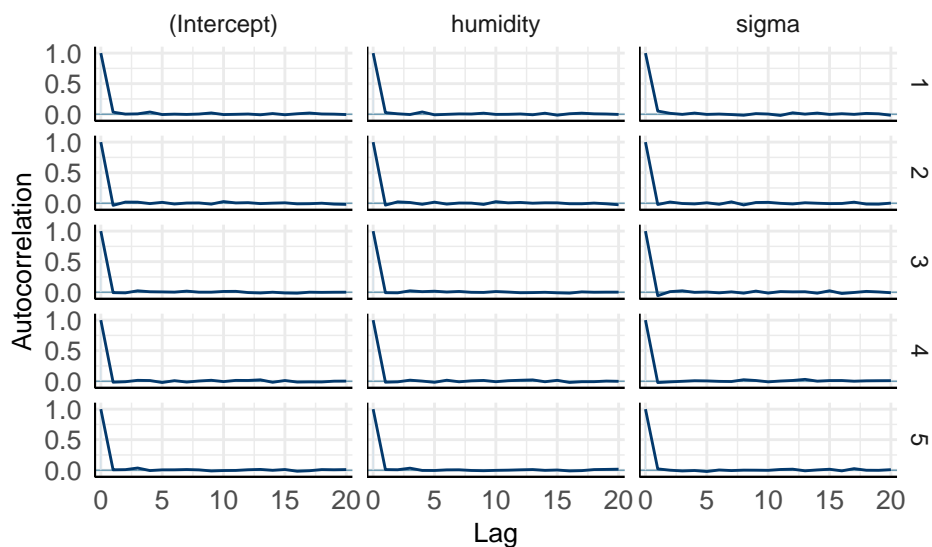
Las distribuciones de los tres parámetros tienen una forma aproximadamente normal, sin irregularidades ni multimodalidad. El intercepto está centrado alrededor de 4000, lo que representa el promedio de viajes cuando la humedad es baja.

No queremos dejar de mencionar que la cadena celeste (cadena nro 4), tanto para el intercepto como la pendiente, esta levemente mas concentrada que el resto de cadenas, lo que indica que tuvo levemente menor variabilidad.



Al mirar las autocorrelaciones para cada cadena y parámetro, vemos que las mismas decaen muy rápido hacia cero, lo cual indica que las simulaciones son bastante independientes. A diferencia

de en cadenas anteriores, vemos que la línea de autocorrelación no se mantiene pegada a cero perfectamente, sino que en algunos casos hay una leve correlación entre valores consecutivos. Este patrón se observa en mayor o menor medida en todas las cadenas.



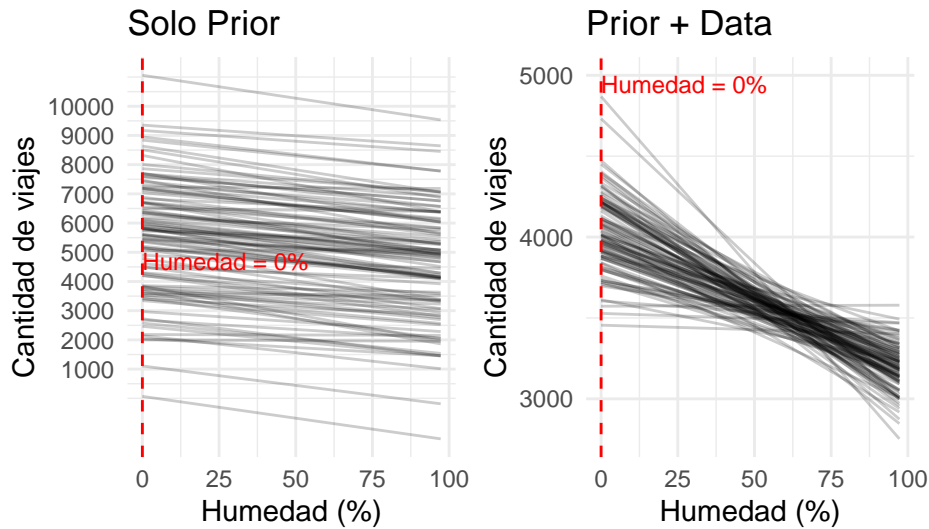
(Intercept)	humidity	sigma
0.914300	0.940150	0.992825

Los valores de `neff_ratio` son cercanos a 1 para los tres parámetros, lo que indica que las cadenas presentan muy baja autocorrelación y que la mayoría de las simulaciones son efectivamente independientes.

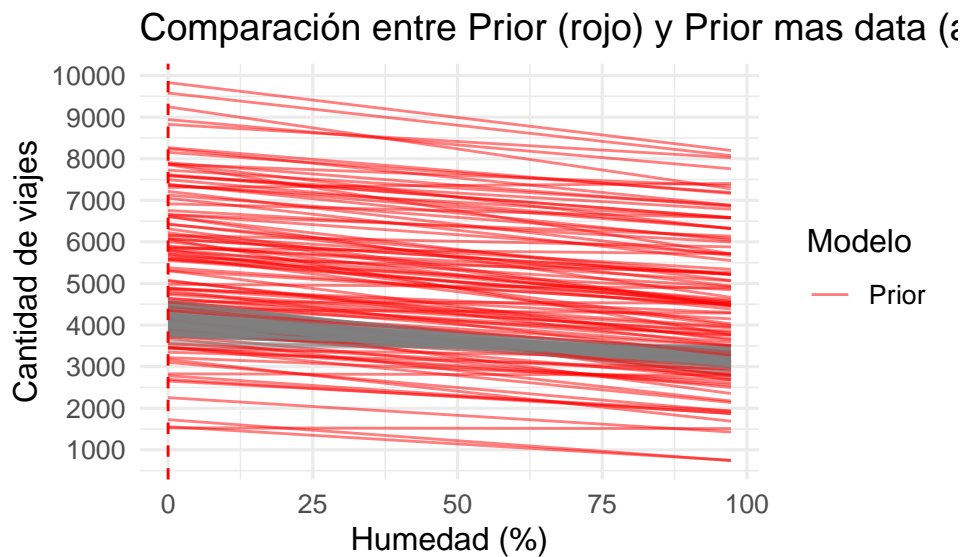
Se observa que `sigma` presenta un `neff_ratio` más alto, lo cual indica que sus simulaciones son aún más independientes que las del intercepto o la pendiente.

## Ver bien por qué chota no funciona

Comparacion entre 100 priors y posteriors



A simplemente se, es muy difícil extraer info de estos dos graficos presentados de esta manera, se ven practicamente iguales, por lo tanto decidimos superponerlos en uno solo:



““

## Excercise 9.12: How humid is too humid: posterior interpretation

El objetivo ahora es entender cualitativamente la posteriori, en cuanto a la relación entre los viajes de las personas que andan en bicicleta y la humedad.

Comenzamos utilizando la función `tidy()` (del paquete `broom.mixed`) la cual nos proporciona el resumen de estadísticas sobre nuestro modelo. Debido a que nuestra Regresión Normal tiene dos parámetros (`ridership` y `humidity`), debemos especificar los “effects”, nuestros parámetros de interés, que en nuestro caso son  $\beta_0$  y  $\beta_1$  (ambos “fixed”) y  $(\sigma)$  (auxiliar). Asimismo, en este caso analizaremos intervalos de confianza del 95%.

```
# A tibble: 4 x 5
  term          estimate std.error conf.low conf.high
  <chr>         <dbl>     <dbl>   <dbl>   <dbl>
1 (Intercept)  4021.        230.    3574.    4460.
2 humidity     -8.47         3.42   -15.1    -1.72
3 sigma       1573.        49.6   1482.    1677.
4 mean_PPD    3484.        99.8   3291.    3680.
```

Comenzamos analizando la mediana de  $\sigma$ . Ya sabemos que  $\sigma$  mide la variabilidad de los datos que el modelo no puede explicar, es como un error de la predicción. En nuestro caso, la mediana es aproximadamente 3484. por lo tanto, esto implica que después de tomar en cuenta el efecto de la humedad, se puede predecir que el número de viajes de personas que andan en bicicleta (`ridership`) observados se desviará en  $\pm 3484$  viajes por encima o por debajo de la línea de regresión simulada.

Por otro lado, nos interesa interpretar el intervalo de confianza al 95% para el parámetro de la humedad, siendo este  $\beta_1$ . Sabemos que  $\beta_1$  representa la pendiente de nuestro modelo, nos dice cómo cambia `ridership` por cada unidad que se aumenta en `humidity`. Entonces bajo un intervalo de confianza del 95% podemos afirmar que con ese nivel de confianza un aumento en una unidad de `humidity` en cuanto al número de viajes se encuentra en  $[-15.093 ; -1.717]$ .

Finalmente, nos preguntamos si existe evidencia del posteriori sobre una asociación negativa entre el número de viajes en bicicleta respecto al nivel de humedad. Gracias al intervalo planteado anteriormente, podemos concluir que sí existe una relación negativa. El IC del 95% no incluye al 0, lo que significa que todos los valores plausibles para coeficientes de  $\beta_1$  son negativos. Con un 95% de confianza concluimos que si aumenta la humedad, habrá menos viajes en bicicleta.

## Exercise 9.13: How humid is too humid: prediction

En este ejercicio queremos analizar el número de viajes en bicicleta para un día donde la humedad es del 90%.

Primero empezamos simulando dos modelos posteriori: uno para el número típico de viajes en bicicleta en días con 90% de humedad y otro que sea un modelo predictivo para el número de viajes del día siguiente. Para hacer esto debemos comenzar extrayendo los datos del modelo a un data frame.

Ahora podemos hacer el modelo sobre la media ( $\mu$ ) de viajes en un día con 90% de humedad. Debemos simular la regresión lineal con la ecuación  $\mu = \beta_0 + \beta_1 \cdot 90$ , que tiene en cuenta el dato conocido pero también la incertidumbre de los otros parámetros. Nos definimos el objeto `viajes1_promedio_H90`:

```
[1] 3485.807 3485.625 3031.097 3365.570 3289.500 3172.415 3233.628 3338.465
[9] 3235.605 3204.174 3191.538 3330.337 3240.456 2999.821 3073.178 3159.817
[17] 3206.751 3246.452 3146.058 3370.131 3207.700 3158.647 3138.928 3523.723
[25] 2999.460 3335.955 3259.888 3257.097 3256.249 3263.435 3210.465 3272.461
[33] 3269.489 3359.415 3357.233 3450.191 3180.113 3327.021 3396.888 3311.765
[41] 3261.480 3192.962 3331.436 3342.930 3323.812 3335.018 3301.390 3200.713
[49] 3126.253 3256.725 3256.725 3142.688 3325.884 3191.875 3188.883 3119.402
[57] 3050.886 3202.063 3267.668 3166.848 3203.768 3156.035 3171.934 3344.381
[65] 3389.190 3215.146 3038.771 3262.550 3318.060 3276.185 3276.635 3197.735
[73] 3274.182 3457.535 3217.825 3183.633 3231.167 3317.047 3215.818 3356.305
[81] 3158.133 3346.301 3316.362 3240.989 3228.666 3310.468 3184.288 3322.374
[89] 3260.979 3182.372 3164.720 3241.763 3238.105 3173.269 3487.889 3484.138
[97] 3506.043 3053.456 3380.035 3141.394 3235.618 3176.064 3332.913 3214.126
[105] 3308.553 3377.710 3428.697 3406.323 3459.200 3387.157 3375.357 3142.994
[113] 3161.852 3181.729 3339.434 3196.806 3341.958 3282.476 3124.359 3225.730
[121] 3291.786 3341.199 3381.534 3112.505 3395.312 3126.344 3387.795 3232.538
[129] 3395.907 3266.246 3285.026 3223.705 3211.598 3308.224 3371.259 3147.559
[137] 3371.669 3165.211 3283.897 3242.009 3353.423 3160.277 3273.720 3245.132
[145] 3271.479 3350.081 3263.357 3258.857 3268.114 3341.463 3343.770 3355.297
[153] 3105.267 3439.355 2952.853 3565.039 3343.959 3308.343 3190.023 3242.508
[161] 3286.280 3340.841 3530.881 3330.668 3508.301 3373.034 3261.070 3375.029
[169] 3445.121 3261.658 3274.695 3305.004 3318.701 3190.473 3239.790 3469.349
[177] 3322.345 3381.738 3222.103 3208.749 3392.223 3476.557 3046.694 3276.176
[185] 3267.803 3332.111 3189.778 3326.785 3131.172 3103.154 3123.619 3093.365
[193] 3176.971 3236.130 3294.933 3292.032 3274.326 3363.542 3350.416 3181.502
[201] 3373.428 3113.305 3416.832 3102.867 3098.531 3142.225 3329.775 3298.386
[209] 3137.154 3329.077 3183.855 3232.753 3333.968 3259.835 3269.101 3359.845
[217] 3431.349 3529.457 3096.436 3246.650 3098.914 3158.414 3280.932 3239.520
```

[225]	3178.410	3283.734	3241.856	3232.925	3231.381	3157.157	3361.415	3285.684
[233]	3200.080	3092.617	3375.746	3315.634	3246.859	3234.676	2999.312	3084.480
[241]	3408.968	3345.037	3447.309	3527.938	3411.256	3096.001	3375.414	3297.142
[249]	3224.770	3295.469	3190.514	3337.402	3255.035	3306.855	3401.164	3388.821
[257]	3058.974	3271.003	3239.231	3349.110	3295.645	3274.361	3343.496	3232.895
[265]	3135.193	3221.042	3316.146	3261.326	3221.921	3498.914	3417.617	3127.432
[273]	3156.222	3114.885	3233.246	3248.548	3218.206	3333.234	3262.649	3387.381
[281]	3134.126	3144.354	3376.437	3308.233	3314.080	3114.309	3444.140	3459.263
[289]	3229.774	3409.825	3205.981	3412.854	3446.168	3138.250	3459.601	3091.327
[297]	3113.097	3253.114	3349.916	3371.172	3364.756	3221.358	3321.214	3194.812
[305]	3340.470	3357.787	3127.545	3403.920	3110.806	3150.876	3188.142	3346.357
[313]	3267.735	3268.662	3407.217	3359.942	3539.056	3399.298	3104.538	3294.075
[321]	3185.639	3196.287	3193.167	3234.721	3283.432	3317.359	3335.444	3182.318
[329]	3233.050	3157.263	3320.219	3324.839	3290.774	3252.251	3343.958	3298.067
[337]	3145.461	3424.499	3068.084	3425.159	3075.914	3401.000	3401.082	3218.282
[345]	3306.339	3108.100	3461.677	3372.803	3184.578	3246.715	3330.969	3261.484
[353]	3356.294	3096.764	3418.573	3418.249	3139.673	3266.073	3295.813	3205.683
[361]	3263.877	3225.452	3308.029	3303.975	3403.454	3123.916	3425.129	3066.093
[369]	3201.155	3430.380	3116.382	3144.211	3104.429	3412.333	3177.249	3450.703
[377]	3309.595	3152.014	3148.375	3291.086	3183.479	3342.345	3334.479	3281.823
[385]	3368.107	3286.239	3217.351	3198.573	3048.139	3416.088	3304.345	3215.764
[393]	3063.320	3311.020	3274.205	3320.699	3197.328	3425.256	3496.648	3221.097
[401]	3433.969	3102.647	3479.040	3205.120	3316.978	3237.895	2910.334	3196.560
[409]	3240.080	3260.972	3193.317	3228.675	3290.862	3380.863	3384.519	3135.082
[417]	3380.880	3190.200	3327.407	3365.327	3246.268	3239.327	3308.217	3314.267
[425]	3193.948	3282.389	3370.143	3189.763	3311.269	3238.423	3303.922	3387.770
[433]	3242.229	2987.600	3545.447	2948.648	3226.320	3295.315	3363.853	3088.047
[441]	3246.101	3386.590	3474.662	3149.765	3355.115	3395.246	3128.378	3064.490
[449]	3156.835	3350.200	3372.467	3147.538	3465.779	3493.742	3315.320	3179.349
[457]	3228.516	3477.245	3380.330	3147.625	3320.885	3287.689	3234.203	3225.067
[465]	3291.351	3228.208	3244.547	3272.255	3253.719	3235.091	3292.878	3223.951
[473]	3175.569	3298.075	3231.314	3449.539	3084.606	3235.765	3168.287	3335.666
[481]	3350.330	3142.842	3123.750	3285.971	3179.128	3226.692	3226.692	3046.119
[489]	3117.084	3242.165	3316.628	3448.128	3357.451	3371.890	3415.829	3014.408
[497]	3291.796	3327.677	3319.031	3225.759	3280.534	3269.856	3202.990	3282.151
[505]	3246.450	3366.089	3288.480	3327.755	3177.756	3271.090	3240.531	3263.081
[513]	3331.663	3274.265	3311.749	3238.878	3222.851	3201.367	3098.944	3305.258
[521]	3173.181	3344.821	3397.144	3373.666	3208.238	3234.602	3260.534	3364.187
[529]	3157.344	3391.369	3102.269	3151.057	3162.271	3105.444	3106.863	3279.368
[537]	3182.787	3227.549	3147.110	3378.312	3191.933	3294.158	3184.412	3229.693
[545]	3185.207	3414.699	3437.617	3083.067	3433.027	3147.276	3292.966	3246.333
[553]	3394.997	3180.806	3189.291	3352.063	3026.326	3380.205	3100.604	3208.649
[561]	3281.678	3263.843	3353.443	3348.109	3322.268	3401.158	3050.736	3253.238

[569]	3275.019	3156.427	3253.379	3304.673	3239.497	3117.168	3457.586	3151.753
[577]	3084.661	3447.617	3103.085	3292.102	3405.077	3260.084	3446.265	3090.753
[585]	3366.124	3165.990	3084.227	3385.541	3212.711	3214.569	3227.304	3295.355
[593]	3190.729	3224.101	3362.890	3432.082	3063.374	3472.303	3371.901	3181.262
[601]	3340.952	3168.741	3178.143	3412.565	3104.254	3075.219	3437.800	3352.169
[609]	3351.170	3295.958	3343.361	3183.468	3085.869	3242.764	3266.255	3419.045
[617]	3305.863	3233.368	3221.709	3230.601	3202.224	3125.681	3108.711	3202.068
[625]	3159.696	3127.916	3314.256	3377.990	3285.596	3289.670	3252.287	3245.309
[633]	3244.926	3352.682	3426.125	3097.381	3372.638	3149.302	3122.572	3359.825
[641]	3376.880	3140.222	3189.349	3488.869	3034.137	3346.027	3191.600	3190.983
[649]	3299.883	3225.105	3046.913	3127.408	3377.272	3415.904	3152.337	3123.193
[657]	3104.040	3208.219	3355.271	3323.488	3053.250	3315.962	3211.686	3292.408
[665]	3311.235	3401.755	3075.969	3414.054	3160.670	3225.393	3279.015	3316.252
[673]	3300.771	3385.531	3178.545	3195.350	3614.044	3625.013	3668.478	3528.092
[681]	3073.154	3377.256	3217.687	3236.855	3294.879	3291.327	3246.499	3258.766
[689]	3264.459	3262.265	3174.533	3093.003	3213.957	3331.803	3168.001	3167.543
[697]	3216.190	3236.371	3230.641	3266.638	3244.722	3195.299	3321.710	3321.041
[705]	3290.312	3377.353	3370.337	3207.882	3171.841	3455.935	3432.834	3416.759
[713]	3171.967	3355.076	3166.832	3309.551	3218.570	3354.265	3148.022	3386.063
[721]	3260.691	3205.860	3306.327	3293.017	3005.558	2938.597	3238.184	3280.376
[729]	3234.923	3283.928	3241.543	3243.472	3260.817	3321.832	3268.318	3374.223
[737]	3199.145	3225.028	3271.983	3355.652	3263.508	3257.316	3175.806	3257.860
[745]	3260.637	3289.073	3322.295	3247.336	3036.695	3005.831	3396.434	3135.797
[753]	3384.231	3326.692	3262.740	3260.210	3259.294	3387.945	3172.598	3391.034
[761]	3001.298	2955.899	3183.863	3223.342	3162.175	3089.949	3105.765	3105.023
[769]	3417.566	3362.407	3261.664	3012.389	3055.462	3243.303	3255.051	3249.477
[777]	3166.882	3367.193	3091.505	3251.699	3270.246	3212.047	3346.806	3154.009
[785]	3274.650	3185.923	3150.223	3206.835	3224.793	3217.742	3231.978	3431.857
[793]	3546.308	3504.831	3259.679	3392.247	3239.965	3167.361	3268.513	3197.354
[801]	3323.972	3199.344	3327.206	3210.161	3284.321	3230.465	3303.861	3458.205
[809]	3333.945	3126.929	3439.127	3066.585	3309.312	3218.049	3287.387	3242.543
[817]	3062.140	3388.159	3303.213	3246.016	3235.084	3196.562	3276.639	3297.233
[825]	3212.693	3354.234	3286.270	3306.497	3291.348	3176.543	3326.747	3478.581
[833]	3205.823	3076.477	3332.765	3221.199	3319.701	3204.198	3164.222	3272.995
[841]	3117.460	3216.224	3089.851	3246.649	3247.461	3260.501	3242.465	3250.948
[849]	3378.585	3440.652	3523.568	3097.118	3292.117	3337.051	3362.668	3387.467
[857]	3295.988	3188.713	3206.259	3095.955	3321.754	3280.697	3304.910	3194.816
[865]	3068.010	3383.554	3410.684	3441.656	3283.345	3293.235	3472.240	3379.259
[873]	3273.979	3256.499	3275.024	3182.619	3402.476	3167.360	3349.966	3262.684
[881]	3261.539	3214.769	3250.349	3359.274	3033.618	2986.538	3156.196	3318.547
[889]	3239.512	3234.565	3213.931	3158.282	3370.976	3295.006	3043.406	3428.897
[897]	3447.578	3250.919	3166.162	3355.147	3220.105	3077.714	3005.520	3497.128
[905]	3038.792	2983.065	3292.209	3286.908	3125.785	3237.052	3154.464	3327.319

[913]	3281.407	3308.855	3281.126	3355.197	3192.005	3324.774	3204.817	3249.606
[921]	3245.089	3274.472	3191.161	3188.267	3501.020	3630.853	3462.993	3493.178
[929]	3330.594	3424.423	3121.833	3446.919	3462.732	3312.129	3258.209	3240.295
[937]	3098.476	3181.639	3370.462	3114.484	3420.362	3364.466	3253.316	3263.509
[945]	3220.779	3068.254	3412.275	3284.709	3329.027	3189.588	3208.941	3263.671
[953]	3175.212	3359.034	3264.154	3264.720	3289.216	3253.390	3231.869	3269.113
[961]	3293.964	3235.314	3084.391	3435.071	3324.266	3083.265	3019.840	3165.282
[969]	3233.646	3461.882	3384.493	3316.304	3304.060	3344.458	3335.143	3363.513
[977]	3221.349	3310.869	3217.710	3344.931	3226.974	3238.978	3406.807	3160.892
[985]	3366.572	3204.806	3225.262	3191.494	3292.220	3174.045	3342.501	3176.172
[993]	3342.746	3305.835	3150.607	3411.418	3427.134	3233.329	3224.318	3263.124
[1001]	3263.959	3249.679	3238.052	3276.919	3319.957	3197.350	3439.459	3302.494
[1009]	3104.308	3244.200	3275.683	3332.668	3174.491	3464.977	3350.167	3159.056
[1017]	3355.799	3087.231	3330.150	3314.729	3133.466	3436.497	3434.005	3200.885
[1025]	3323.446	3209.876	3257.914	3266.045	3253.754	3316.755	3397.287	3130.417
[1033]	3283.905	3179.216	3432.951	3208.450	3254.992	3270.390	3097.556	3066.932
[1041]	3356.271	3442.717	3299.299	3228.433	3318.408	3322.554	3292.867	3223.926
[1049]	3296.214	3297.898	3364.087	3303.659	3216.839	3304.903	3250.223	3269.056
[1057]	3313.961	3204.692	3345.268	3426.264	3166.320	3240.587	3243.311	3242.979
[1065]	3363.302	3131.695	3136.275	3128.949	3314.628	3179.846	3339.408	3343.901
[1073]	3170.606	3188.710	3266.241	3268.074	3288.127	3278.772	3252.217	3189.847
[1081]	3172.027	3117.184	3217.965	3207.167	3266.457	3219.526	3322.670	3336.998
[1089]	3350.592	3348.623	3379.256	3149.912	3233.921	3193.413	3242.862	3373.585
[1097]	3358.486	3289.047	3149.289	3266.143	3177.988	3146.309	3136.881	3097.630
[1105]	3230.686	3285.441	3103.170	3207.793	3260.557	3326.257	3315.613	3206.079
[1113]	3254.353	3219.072	3274.219	3272.494	3191.534	3330.191	3306.999	3260.107
[1121]	3249.155	3313.456	3432.979	3118.731	2969.113	3026.026	2991.032	3180.571
[1129]	3192.225	3192.225	3336.783	3244.911	3409.281	3244.731	3245.307	3406.116
[1137]	3552.270	3347.984	3190.865	3246.378	3302.958	3204.567	3378.633	3135.800
[1145]	3164.236	3357.237	3316.180	3430.960	3477.083	3138.594	3248.602	3109.739
[1153]	3219.965	3117.711	3158.077	3291.919	3245.063	3255.533	3156.849	3343.587
[1161]	3117.312	3198.110	3411.655	3342.522	3185.578	3319.279	3163.673	3353.989
[1169]	3173.269	3246.774	3128.767	3167.773	3221.186	3181.929	3143.820	3182.324
[1177]	3323.358	3089.419	3094.725	3055.153	3377.026	3263.869	3276.119	3192.340
[1185]	3225.052	3054.985	3099.143	3291.879	3281.860	3349.750	3312.372	3312.372
[1193]	3235.712	3221.674	3298.256	3416.448	3098.896	3321.083	3357.719	3161.314
[1201]	3296.645	3308.449	3216.939	3318.993	3240.282	3150.915	3442.487	3424.670
[1209]	3345.559	3174.439	3067.760	3386.800	3322.933	3197.121	3286.878	3396.912
[1217]	3514.346	3469.742	3416.581	3225.342	3239.243	3583.748	3450.141	3150.998
[1225]	3232.747	3360.926	3208.840	3224.777	3383.278	3133.912	3311.796	3204.554
[1233]	3140.524	3381.334	3341.795	3257.993	3092.906	3419.539	3108.819	3408.424
[1241]	3300.786	3266.147	3278.592	3296.565	3404.195	3404.195	3426.254	3096.372
[1249]	3227.210	3270.861	3250.861	3271.391	3303.822	3148.764	3407.301	3243.135



[1257]	3270.124	3234.697	3119.736	3079.960	3080.538	3245.887	3193.588	3232.390
[1265]	3227.766	3421.952	3421.620	3092.766	3292.160	3181.080	3335.125	3586.398
[1273]	3074.495	3388.821	3336.458	3279.416	3328.454	3394.529	3269.853	3320.011
[1281]	3301.952	3212.004	3200.338	3331.124	3348.961	3344.073	3267.006	3403.552
[1289]	3445.065	3070.849	3054.732	3242.540	3247.363	3254.823	3208.117	3416.426
[1297]	3319.916	3188.606	3063.381	3118.037	3247.848	3418.348	3107.206	3297.942
[1305]	3170.300	3336.573	3311.784	3447.359	3284.243	3234.101	3286.266	3056.160
[1313]	3333.948	3125.425	3550.074	3586.594	2950.240	3487.073	3493.415	3132.912
[1321]	3376.072	3254.895	3267.905	3268.552	3275.616	3195.790	3258.399	3292.558
[1329]	3170.678	3379.310	3396.704	3291.828	3283.576	3236.572	3285.353	3308.269
[1337]	3376.144	3175.684	3357.443	3397.259	3270.155	3265.369	3295.794	3247.128
[1345]	3309.984	3217.607	3334.178	3349.456	3248.799	3176.100	3126.174	3380.867
[1353]	3251.147	3264.864	3262.046	3292.166	3259.075	3318.744	3135.180	3113.338
[1361]	3261.632	3253.141	3194.101	3364.135	3343.007	3353.907	3362.042	3285.657
[1369]	3251.489	3228.537	3228.537	3466.434	3082.011	3422.584	3145.346	3320.404
[1377]	3228.645	3222.875	3241.884	3300.049	3241.219	3242.587	3341.903	3335.178
[1385]	3181.961	3148.383	3154.588	3092.526	3220.176	3219.081	3150.438	3250.075
[1393]	3335.305	3270.994	3291.362	3220.121	3316.391	3305.878	3121.425	3288.286
[1401]	3335.680	3217.239	3208.956	3091.476	3205.768	3269.985	3276.339	3347.322
[1409]	3173.207	3290.387	3127.464	3105.253	3360.541	3375.086	3270.052	3013.941
[1417]	3352.701	3420.921	3356.714	3281.338	3169.586	3289.272	3429.573	3291.420
[1425]	3227.203	3340.620	3357.683	3249.372	3250.529	3146.785	3223.077	3207.345
[1433]	3320.470	3197.883	3197.883	3320.445	3148.749	2994.847	2982.404	3447.367
[1441]	3147.274	3290.179	3061.273	3459.314	3159.128	3150.831	3232.722	3287.387
[1449]	3178.802	3276.813	3284.223	3266.869	3379.061	3108.974	3208.537	3192.517
[1457]	3285.958	3341.775	3250.207	3257.459	3207.892	3310.716	3211.643	3171.007
[1465]	3335.311	3268.459	3250.349	3123.647	3316.319	3194.776	3315.756	3374.315
[1473]	3480.025	3041.071	3064.768	3466.520	3047.990	3579.741	3058.411	3258.225
[1481]	3060.601	3356.691	3165.654	3201.225	3132.780	3312.721	3202.607	3338.329
[1489]	3349.630	3336.281	3237.501	3355.100	3439.531	3250.612	3377.311	3221.891
[1497]	3497.202	3381.058	3289.140	3282.439	3214.295	3217.183	3164.959	3337.788
[1505]	3184.103	3217.001	3187.359	3330.251	3374.348	3269.077	3263.904	3316.231
[1513]	3216.246	3399.213	3288.366	2903.881	2970.138	3099.731	3259.863	3075.286
[1521]	3102.197	3162.777	3225.753	3384.986	3200.576	3181.741	3173.201	3250.442
[1529]	3252.708	3323.722	3440.438	3370.896	3411.297	3224.456	3298.306	3176.158
[1537]	3299.520	3201.235	3357.958	3204.683	3155.544	3137.545	3465.618	3048.254
[1545]	3237.348	3310.891	3326.050	2992.678	3302.095	3327.746	3338.408	3209.457
[1553]	3319.024	2972.438	3049.516	3189.379	3419.932	3046.747	2988.672	3573.612
[1561]	3524.981	3306.631	3355.280	3225.625	3158.302	3128.216	3399.077	3123.441
[1569]	3187.431	3309.366	3280.547	3304.442	3303.208	3228.267	3297.142	3291.937
[1577]	3301.276	3161.385	3367.190	3373.883	3521.215	3410.196	3425.609	3404.881
[1585]	3217.677	3264.279	3218.784	3302.413	3205.870	3095.546	3228.004	3237.082
[1593]	3217.534	3293.732	3545.682	3333.855	3266.707	3329.435	3189.621	3147.325

[1601]	3178.478	3293.336	3189.118	3201.865	3219.256	3291.834	3231.309	3288.877
[1609]	3122.153	3277.993	3087.294	3383.281	3149.683	3125.527	3113.488	3306.181
[1617]	3203.229	3184.131	3050.367	3075.268	3193.391	3307.594	3349.546	3089.973
[1625]	3050.488	3257.545	3246.808	3160.375	3237.481	3135.247	3385.551	3157.901
[1633]	3379.468	3337.729	3449.340	3484.349	3327.716	3215.671	3173.451	3415.121
[1641]	3404.385	3120.964	3261.334	3291.316	3274.373	3406.731	3364.347	3097.656
[1649]	3304.361	3264.670	3278.001	3214.402	3315.346	3313.798	3455.183	3236.647
[1657]	3326.014	3226.896	3185.786	3225.264	3468.255	3088.627	3011.054	3248.404
[1665]	3344.813	3199.707	3124.937	3419.886	3007.077	3465.305	3136.379	3236.874
[1673]	3298.307	3251.513	3251.513	3154.272	3369.061	3401.705	3505.657	3496.991
[1681]	3395.748	3173.379	3272.730	3293.408	3224.381	3295.565	3220.699	3247.617
[1689]	3345.116	3283.154	3231.393	3284.191	3222.763	3164.316	3168.960	3396.750
[1697]	3296.849	3302.923	3280.487	3253.898	3316.513	3486.550	3055.818	3002.673
[1705]	3281.979	3192.245	3193.720	3143.516	3376.183	3314.720	3394.019	3369.810
[1713]	3338.042	3138.774	3230.896	3122.139	3367.601	3195.560	3337.912	3178.759
[1721]	3196.007	3222.443	3440.315	3366.261	3070.318	3335.779	3319.395	3382.910
[1729]	3143.298	3411.989	3182.702	3426.083	3105.476	3172.614	3214.044	3257.863
[1737]	3209.635	3158.299	3239.328	3223.064	3202.162	3182.621	3377.329	3285.520
[1745]	3302.768	3083.254	3188.935	3268.238	3253.607	3254.903	3304.407	3235.605
[1753]	3162.818	3330.024	3328.345	3337.116	3270.945	3085.905	3137.022	3179.826
[1761]	3318.782	3253.598	3322.511	3219.539	3261.998	3116.090	3173.084	3175.880
[1769]	3194.514	3084.151	3293.733	3207.380	3295.043	3338.479	3147.397	3379.519
[1777]	3528.874	3297.812	3093.505	3233.778	3244.836	3215.595	3186.349	3391.493
[1785]	3166.452	3515.905	3510.041	3426.741	3338.156	3309.544	3297.480	3273.769
[1793]	3092.689	3186.369	3273.827	3150.298	3206.223	3309.632	3303.902	3263.977
[1801]	3279.707	3243.559	3206.269	3198.921	3281.912	3295.108	3349.215	3316.626
[1809]	3206.419	3262.625	3269.255	3349.250	3206.042	3212.479	3322.539	3200.189
[1817]	3258.772	3275.982	3320.742	3199.399	3085.988	3305.352	3295.859	3196.578
[1825]	3098.487	3132.928	3135.290	3103.836	3284.798	3161.847	3148.904	3376.012
[1833]	3127.297	3395.197	3125.885	3043.002	3532.268	3487.606	3545.002	3348.594
[1841]	3404.009	3171.045	3401.299	3115.091	3097.925	3286.799	3191.128	3401.448
[1849]	3139.423	3322.266	3331.958	3328.042	3158.163	3246.728	3319.645	3299.573
[1857]	3219.197	3130.240	3305.607	3208.857	3318.801	3147.174	3181.450	3252.459
[1865]	3388.163	3399.183	3348.255	3159.213	3127.251	3180.108	3239.246	3226.143
[1873]	3319.563	3310.193	3206.811	3266.516	3281.666	3209.663	3533.269	2902.121
[1881]	3038.438	3275.964	3382.771	3135.804	3201.015	3360.048	3229.579	3257.171
[1889]	3343.503	3383.581	3086.323	3219.569	3252.751	3225.765	3131.869	3384.205
[1897]	3239.935	3378.256	3140.158	3589.996	3023.455	2994.070	3468.104	3426.929
[1905]	3246.122	3190.778	3241.570	3279.039	3189.420	3050.803	3416.792	3252.884
[1913]	3284.295	3345.144	3201.593	3315.822	3178.656	3378.089	3272.084	3225.712
[1921]	3260.184	3158.495	3158.495	3161.354	3400.607	3391.389	3159.858	3321.014
[1929]	3370.045	3272.688	3274.185	3386.283	3375.740	3278.621	3213.883	3280.031
[1937]	3268.613	3312.474	3394.608	3484.383	3076.302	3428.079	3599.314	3048.098

[1945]	2930.009	3240.201	3251.055	3279.662	3186.975	3270.910	3317.159	3183.768
[1953]	3156.067	3318.965	3219.694	3306.328	3189.361	3333.509	3354.581	3209.318
[1961]	3407.051	3429.278	3427.743	3451.004	3298.475	3361.425	3124.952	3222.323
[1969]	3324.194	3272.629	3321.528	3316.788	3340.873	3321.693	3174.391	3213.140
[1977]	3226.510	3334.119	3345.626	3338.255	3477.815	3285.685	3326.349	3094.162
[1985]	3451.877	3137.077	3370.879	3368.138	3146.517	3434.829	3351.268	3165.247
[1993]	3249.757	3257.535	3183.590	3290.558	3149.208	3278.604	3357.002	3299.991
[2001]	3229.039	3304.201	3236.341	3387.428	3223.979	3229.708	3278.739	3268.048
[2009]	3196.801	3286.086	3358.185	3279.950	3236.371	3272.405	3374.402	3412.781
[2017]	3334.820	3385.456	3403.174	3118.374	3264.392	3268.552	3340.750	3142.289
[2025]	3255.036	3232.666	3182.196	3262.769	3244.525	3422.720	3278.946	3381.139
[2033]	3339.587	3433.474	3498.884	3376.644	3358.015	3173.257	3242.913	3203.492
[2041]	3310.715	3214.343	3224.820	3194.128	3215.764	3397.661	3397.331	3219.421
[2049]	3183.153	3292.682	3146.067	3377.408	3281.268	3307.218	3247.017	3263.988
[2057]	3183.242	3183.072	3264.330	3102.760	3222.114	3454.608	3169.956	3153.899
[2065]	3155.292	3122.794	3213.041	3130.277	3134.924	3283.737	3193.018	3373.975
[2073]	3316.786	3154.004	3083.385	3223.915	3230.054	3180.963	3199.735	3198.374
[2081]	3219.106	3229.629	3286.333	3275.443	3155.838	3242.488	3355.448	3305.931
[2089]	3093.112	3506.875	3418.205	3122.230	3258.644	3252.998	3222.625	3139.408
[2097]	3326.680	3329.410	3415.354	3188.737	3239.372	3140.534	3319.616	3433.324
[2105]	3098.765	3459.061	3382.304	3316.433	3203.434	3083.398	3445.507	3168.661
[2113]	3155.508	3337.068	3356.691	3058.721	3066.131	3403.181	3443.442	3534.672
[2121]	3341.926	3146.396	3152.974	3204.155	3396.808	3474.384	3055.753	3445.457
[2129]	3287.481	3332.444	3293.551	3247.384	3271.903	3251.047	3198.721	3320.512
[2137]	3309.543	3198.288	3286.542	3273.848	3418.678	3528.949	3074.369	3147.227
[2145]	3363.833	3300.677	3229.962	3162.791	3356.537	3430.755	3061.842	3150.726
[2153]	3171.477	3100.945	3316.385	3028.940	2994.250	3268.082	3245.719	3275.685
[2161]	3152.390	3210.024	3252.630	3444.043	3338.209	3182.937	3019.785	3060.864
[2169]	3372.818	3319.201	3264.143	3150.127	3318.769	3355.418	3223.998	3274.990
[2177]	3246.567	3357.953	3408.068	3353.584	3359.184	3348.157	3249.454	3268.554
[2185]	3283.630	3304.883	3213.681	3231.129	3096.776	3233.256	2913.447	3040.802
[2193]	3069.024	3308.434	3211.938	3206.405	3324.478	3345.524	3149.134	3172.876
[2201]	3366.403	3298.723	3192.262	2994.671	2986.099	3528.788	3084.489	3548.502
[2209]	3238.295	3281.651	3159.551	3257.711	3137.492	3400.366	3299.836	3101.752
[2217]	3065.569	3241.987	3283.906	3337.371	3278.898	3127.392	3218.836	3249.544
[2225]	3157.941	3138.377	3255.697	3188.417	3102.061	3421.047	3254.995	3326.935
[2233]	3189.327	3187.121	3273.144	3217.013	3093.219	3388.117	3113.692	3454.530
[2241]	3214.716	3177.031	3013.299	3109.920	3089.634	3061.877	3320.907	3453.789
[2249]	3221.386	3283.806	3237.271	3216.190	3320.830	3224.861	3294.308	3231.314
[2257]	3190.483	3170.360	3189.360	3423.099	3052.393	3044.761	3016.169	3389.646
[2265]	3368.723	3248.724	3231.606	3271.730	3260.035	3261.587	3246.797	3273.103
[2273]	3350.866	3269.466	3159.557	3156.585	3239.681	3405.469	3338.816	3054.171
[2281]	3042.017	3186.449	3240.142	3179.321	3345.050	3299.730	3182.085	3348.415

[2289]	3194.568	3336.025	3150.821	3226.614	3413.776	3261.774	3243.756	3209.467
[2297]	3154.497	3396.770	3042.387	3193.521	3248.978	3272.445	3263.749	3299.928
[2305]	3299.580	3283.299	3168.252	3204.886	3092.687	3333.263	3165.581	3320.934
[2313]	2870.596	2951.475	3433.223	3254.069	3101.299	3218.585	3146.457	3363.738
[2321]	3345.779	3349.765	3364.762	3179.160	3149.155	3307.247	3307.083	3233.736
[2329]	3252.978	3377.727	3205.710	3305.990	3214.477	3332.466	3314.039	3210.454
[2337]	3369.749	3377.727	3094.442	3130.218	3292.476	3320.729	3354.068	3164.338
[2345]	3317.393	3258.993	3265.472	3337.491	3366.290	3144.705	3100.776	3212.940
[2353]	3296.556	3513.924	3528.741	2994.067	3477.658	3258.294	3208.632	3271.564
[2361]	3270.780	3255.753	3347.994	3302.511	3329.069	3270.862	3326.020	3214.863
[2369]	3241.338	3254.234	3262.261	3241.666	3282.286	3238.790	3129.647	3091.142
[2377]	3125.830	3366.883	3303.595	3430.338	3360.042	3373.271	3329.970	3358.086
[2385]	3288.978	3202.711	3305.886	3443.024	3413.719	3252.749	3277.302	3274.644
[2393]	3243.361	3144.218	3150.322	3177.810	3203.705	3217.745	3163.858	3209.388
[2401]	3350.044	3323.123	3442.354	3201.071	3175.578	3212.154	3223.554	3264.352
[2409]	3228.374	3369.177	3312.039	3381.307	3212.360	3434.916	3408.838	3365.161
[2417]	3162.171	3216.268	3401.480	3093.605	3105.268	3079.245	3422.297	3073.130
[2425]	3248.138	3200.336	3227.128	3369.970	3296.220	3123.048	3385.892	3261.823
[2433]	3353.705	3153.460	3153.668	3190.563	3269.477	3297.013	3268.355	3293.415
[2441]	3231.540	3205.275	3229.774	3284.540	3391.041	3130.739	3228.847	3348.491
[2449]	3567.620	3447.403	3415.793	2990.166	3468.746	3326.231	3253.568	3094.178
[2457]	3345.808	3332.273	3095.383	3225.890	3296.486	3328.517	3275.267	3262.858
[2465]	3259.200	3180.822	3071.263	3112.513	3181.307	3065.339	3114.074	3269.756
[2473]	3248.690	3228.363	3245.693	3229.910	3078.675	3062.915	3101.884	3367.807
[2481]	3131.988	3126.327	3373.545	3085.575	3005.338	3223.648	3102.223	3247.984
[2489]	3217.796	3214.607	3385.002	3168.665	3116.706	3333.733	3186.185	3365.934
[2497]	3156.474	3143.378	3392.926	3115.416	3191.726	3324.690	3332.400	3271.305
[2505]	3183.523	3159.456	3057.527	3149.316	3374.034	3322.455	3201.208	3234.860
[2513]	3218.242	3313.810	3094.600	3044.801	3177.615	3295.721	3426.222	3129.840
[2521]	3047.786	3465.928	3339.365	3290.886	3281.429	3157.223	3357.843	3212.228
[2529]	3295.078	3271.915	3436.954	2997.192	3041.669	3370.812	3151.524	3227.756
[2537]	3302.755	3299.797	3147.659	3142.794	3308.296	3211.518	3388.007	3220.813
[2545]	3103.345	3448.569	3099.439	3464.880	3239.617	3245.898	3317.437	3211.525
[2553]	3388.763	3070.277	3094.736	3199.057	3308.708	3317.941	3148.521	3181.758
[2561]	3100.418	3213.900	3327.424	3167.534	3109.958	3092.658	3233.418	3059.954
[2569]	3338.874	3378.334	3249.054	3286.436	3264.482	3380.813	3124.871	3393.209
[2577]	3180.313	3380.954	3138.126	3079.729	3140.159	3143.162	3279.161	3254.254
[2585]	3243.542	3219.826	3210.350	3273.575	3197.978	3220.009	3397.524	3306.926
[2593]	3229.295	3033.042	3203.699	3286.737	3261.665	3328.792	3192.808	3224.627
[2601]	3230.591	3263.146	3360.448	3159.350	3091.648	3431.799	3338.715	3345.185
[2609]	3246.964	3135.297	3124.655	3131.322	3072.211	3443.620	3415.496	3211.745
[2617]	3201.120	3302.325	3408.685	3498.380	3108.717	3122.711	3052.361	3126.725
[2625]	3472.466	3338.196	3317.400	3291.455	3349.736	3397.074	3368.273	3359.726

[2633]	3332.340	3112.896	3482.756	3214.029	3453.555	3394.957	3197.099	3458.706
[2641]	3197.733	3321.572	3206.680	3196.534	3305.716	3195.655	3220.525	3299.993
[2649]	3347.633	3402.169	3353.975	3252.552	3303.754	3485.277	3130.286	3200.107
[2657]	3244.549	3052.480	3024.065	2949.557	3488.494	3435.119	3391.881	3155.322
[2665]	3293.335	3233.569	3154.767	3381.015	3195.169	3331.563	3372.099	3228.958
[2673]	3320.626	3238.701	3231.111	3367.530	3251.842	2988.571	3437.298	3438.344
[2681]	3425.749	3176.818	3141.661	3376.553	3241.798	3248.932	3057.168	3080.928
[2689]	3324.494	3188.664	3331.004	3235.338	3287.340	3330.938	3239.170	3191.633
[2697]	3424.527	3220.777	3272.719	3390.214	3246.214	3183.324	3123.838	3262.221
[2705]	3185.889	3414.714	3431.684	3376.248	3133.390	3522.938	3488.004	3469.250
[2713]	3083.190	3355.693	3324.260	3362.661	3163.601	3280.377	3339.521	3120.146
[2721]	3398.640	3139.732	3327.012	3122.031	3112.284	3431.624	3371.896	3418.697
[2729]	3167.235	3309.069	3210.819	3228.949	3327.779	3212.294	3294.961	3188.107
[2737]	3355.009	3127.109	3037.543	3506.872	3440.135	3088.973	3202.228	3255.532
[2745]	3334.492	3546.505	3121.692	3403.199	3078.922	3184.829	3449.341	3047.356
[2753]	3463.054	3043.246	3208.922	3382.102	3141.090	3374.843	3177.466	3468.334
[2761]	3165.015	3240.924	3442.212	3074.070	3412.178	3112.358	3361.401	3118.975
[2769]	3397.911	3501.807	3482.869	3008.404	3191.320	3075.889	3177.112	3298.580
[2777]	3562.685	2963.949	3046.848	3170.434	3340.084	3326.288	3043.937	3254.415
[2785]	3250.959	3125.703	3333.814	3238.183	3333.661	3029.451	3300.318	3239.127
[2793]	3206.971	3198.473	3197.545	3244.333	3172.237	3306.115	3213.425	3065.907
[2801]	3433.214	3299.332	3295.667	3239.625	3352.550	3246.642	3370.657	3476.629
[2809]	3027.171	3171.460	3237.943	3283.261	3139.523	3339.431	3224.456	3048.198
[2817]	3269.218	3274.917	3183.911	3214.167	3298.700	3030.942	3061.044	3317.470
[2825]	3305.647	3447.524	3093.434	3336.146	3182.389	3248.010	3146.988	3426.110
[2833]	3102.076	3569.427	3091.849	3396.058	3411.336	3304.134	3206.436	3334.483
[2841]	3178.389	3219.731	3303.426	3280.018	3273.197	3342.176	3352.789	3245.269
[2849]	3361.258	3165.112	3174.922	3325.855	3123.544	3404.094	3170.807	3410.736
[2857]	3243.915	3215.819	3133.714	3282.755	3421.104	3051.014	3458.162	3071.751
[2865]	3316.900	3153.891	3150.603	3259.146	3229.149	3299.258	3219.965	3219.826
[2873]	3118.741	3352.832	3131.418	3094.091	3425.203	3076.796	3347.846	3221.215
[2881]	3233.543	3360.308	3131.522	3086.339	3436.472	3163.441	3167.383	3306.193
[2889]	3313.942	3204.248	3182.200	3267.638	3197.457	3388.252	3265.980	3259.941
[2897]	3298.834	3259.766	3215.550	3215.550	3302.805	3172.188	3209.631	3095.042
[2905]	3325.629	3305.670	2960.654	3438.829	3391.101	3126.492	3220.953	3386.207
[2913]	3254.581	3296.658	3328.437	3334.414	3209.263	3142.148	3322.499	3322.385
[2921]	3282.770	3383.460	3363.639	3401.285	3122.657	3399.693	3507.271	3351.449
[2929]	3113.178	3081.707	3429.276	3321.977	3200.376	3073.296	2929.866	3215.630
[2937]	3295.697	3226.753	3354.882	3345.253	3237.070	3237.477	3284.135	3234.576
[2945]	3253.466	3226.066	3348.327	3305.725	3236.815	3347.456	3119.969	3279.839
[2953]	3321.613	3051.303	3280.185	3453.986	3237.272	3212.697	3179.373	3249.503
[2961]	3192.035	3320.378	3436.114	3427.250	3097.206	2915.554	3525.409	2925.596
[2969]	2925.596	3500.791	3439.524	3372.318	3443.793	2978.986	3287.474	3293.736

[2977]	3182.653	3204.678	3160.903	3177.358	3339.475	3235.319	3371.091	3264.814
[2985]	2993.344	3528.038	3445.442	3404.670	3179.274	3341.880	3194.003	3325.851
[2993]	3234.748	3256.165	3323.066	3213.123	3294.377	3228.816	3407.332	3164.206
[3001]	3175.434	3226.912	3295.613	3160.258	3100.336	3331.391	3206.284	3251.957
[3009]	3198.321	3328.019	3312.859	3329.328	3257.540	3273.668	3412.112	3092.492
[3017]	3428.079	3278.945	3151.216	3322.883	3201.056	3117.806	3091.802	3252.258
[3025]	3287.804	3305.915	3175.222	3240.458	3448.069	3136.372	3436.457	3264.817
[3033]	3197.220	3189.121	3334.668	3322.974	3263.246	3417.386	3271.698	3198.354
[3041]	3040.718	3165.321	3205.174	3264.703	3404.837	3417.879	3449.606	3241.612
[3049]	3198.433	3384.072	3413.543	3340.817	3340.064	3184.857	3243.568	3337.421
[3057]	3257.780	3340.954	3276.466	3348.717	3375.224	3053.225	3385.159	3202.702
[3065]	3152.401	3291.846	3180.616	3211.786	3493.186	3549.104	3510.337	3373.999
[3073]	3286.650	3371.041	3150.528	3027.832	3057.845	3225.546	3250.078	3311.981
[3081]	3097.128	3259.079	3250.886	3379.200	3148.495	3390.185	3407.516	3345.437
[3089]	3343.032	3238.149	3282.898	3324.883	3282.929	3269.340	3355.047	3159.290
[3097]	3404.092	3369.793	3263.388	3165.419	3217.775	3302.659	3302.404	3167.986
[3105]	3330.818	3181.501	3337.649	3291.800	3372.023	3371.536	3581.209	3485.022
[3113]	3292.014	3233.249	3233.446	3026.155	3407.021	3229.284	3435.196	3180.122
[3121]	3201.946	3312.068	3210.562	3129.680	3396.755	3572.265	3307.518	3209.184
[3129]	3369.691	3150.374	3398.245	3325.867	3096.222	3309.217	3362.686	3153.401
[3137]	3256.147	3244.674	3168.331	3335.143	3226.812	3266.568	3240.902	3133.163
[3145]	3406.518	3481.347	3331.647	3231.561	3309.942	3207.086	3162.397	3348.355
[3153]	3256.920	3270.154	3232.091	3339.645	3360.723	3338.772	3178.214	3185.086
[3161]	3205.913	3219.911	3325.263	3344.302	3192.266	3408.058	3113.023	3254.480
[3169]	3234.797	3222.528	3314.608	3306.708	3257.668	3309.987	3212.410	3179.314
[3177]	3264.589	3196.114	3324.974	3383.289	3299.104	3582.155	2946.740	3486.607
[3185]	3323.277	3248.324	3297.362	3313.175	3126.792	3161.641	3215.059	3259.345
[3193]	3256.281	3297.187	3166.170	3059.965	3452.953	3359.521	3158.042	3204.144
[3201]	3175.683	3149.648	3373.439	3378.686	3327.952	3326.285	3002.775	2974.098
[3209]	3532.988	3290.645	3316.725	3329.392	3136.941	3312.184	3154.684	3361.920
[3217]	3161.308	3360.502	3309.011	3208.823	3258.910	3229.852	3219.743	3186.501
[3225]	3381.248	3470.150	3510.913	3286.482	3250.616	3211.986	3284.840	3284.283
[3233]	3298.235	3342.642	3373.290	3202.601	3242.014	3241.578	3250.098	3256.822
[3241]	3065.946	3173.826	3348.262	3403.578	3184.018	3407.743	3266.833	3421.785
[3249]	3315.487	3126.460	3147.330	3110.379	3317.851	3354.937	3165.749	3261.556
[3257]	3295.711	3224.343	3135.245	3121.575	3251.500	3190.157	3184.972	3257.725
[3265]	3393.419	3207.876	3243.843	3419.945	3347.778	3149.518	3173.784	3290.138
[3273]	3183.062	3125.778	3427.401	3243.873	3315.843	3045.933	3406.924	3334.810
[3281]	3306.732	3307.039	3379.261	3303.183	3205.421	3309.687	3288.363	3276.055
[3289]	3321.255	3039.649	3423.656	3219.265	3296.657	3361.664	3370.106	3521.442
[3297]	3480.030	3165.459	3299.040	3247.788	3387.852	3333.082	3318.026	3311.301
[3305]	3155.899	3339.635	3128.692	3228.463	3231.114	3110.508	3132.995	3160.253
[3313]	3376.208	3236.490	3120.785	3456.287	3246.113	3222.991	3140.940	3267.026

[3321]	3281.879	3285.261	3318.148	3464.004	3340.010	3294.312	3194.162	3418.306
[3329]	3501.297	3215.959	3292.223	3419.258	3096.901	3413.366	3056.597	3434.180
[3337]	3206.185	3097.915	3104.966	3147.287	3145.020	3124.613	3335.420	3165.143
[3345]	3337.790	3445.490	3093.644	3429.498	3150.028	3161.290	3115.314	3366.828
[3353]	3177.772	3330.089	3370.252	3196.799	3187.508	3218.002	3212.143	3300.195
[3361]	3093.725	3295.452	3372.922	3345.271	3325.174	3333.838	3166.952	3158.345
[3369]	3340.660	3253.933	3114.959	3035.438	3084.091	3269.789	3173.599	3166.569
[3377]	3286.549	3190.184	3331.139	3358.645	3278.504	3414.413	3346.198	3341.309
[3385]	3178.531	3159.586	3319.436	3207.593	3377.539	3178.681	3194.781	3223.721
[3393]	3327.175	3203.075	3324.107	3154.412	3366.277	3293.247	3370.524	3332.889
[3401]	3171.144	3278.620	3339.213	3042.873	3069.143	3075.786	3111.914	3240.815
[3409]	3066.132	3388.005	3020.730	2962.162	3512.442	3289.487	3291.728	3176.523
[3417]	3363.264	3110.938	3416.949	3331.168	3405.462	3256.534	3323.146	3292.342
[3425]	3333.431	3190.108	3472.046	3284.582	3242.869	3214.481	3284.712	3207.473
[3433]	3300.756	3099.353	3476.276	3501.379	3033.619	3212.007	3355.308	3329.434
[3441]	3124.577	3039.018	3194.025	3061.936	3145.692	3374.797	3159.567	3358.874
[3449]	3186.908	3102.781	3113.521	3149.818	3086.940	3378.260	3133.740	3176.667
[3457]	3334.535	3348.398	3512.137	3157.481	3484.358	3250.527	3387.893	3277.693
[3465]	3295.704	3220.799	3284.725	3354.183	3139.660	3412.988	3107.210	3234.111
[3473]	3121.658	3065.615	3173.079	3230.018	3408.274	3278.144	3381.745	3196.702
[3481]	3121.394	3250.720	3177.524	3265.632	3233.614	3184.049	3168.693	3244.913
[3489]	3346.067	3147.068	3329.163	3284.820	3310.620	3196.401	3222.533	3294.424
[3497]	3106.602	3136.694	3131.434	3387.883	3410.635	3459.970	3044.112	3332.254
[3505]	3364.473	3410.946	3319.550	3530.194	3297.672	3581.941	3467.301	3416.529
[3513]	3536.902	3049.782	3114.640	3204.336	3359.752	3264.472	3254.005	3133.823
[3521]	3092.505	3151.652	3298.827	3236.558	3279.915	3411.069	3242.709	3212.924
[3529]	3229.913	3254.043	3254.260	3447.474	3147.064	3288.085	3150.670	3385.610
[3537]	3388.059	3185.830	3373.947	3305.699	3172.583	3221.678	3206.367	3184.449
[3545]	3197.498	3204.381	3224.259	3303.963	3339.572	3337.757	3162.392	3328.243
[3553]	3259.005	3105.720	3213.422	3198.158	3417.642	3121.883	3408.181	2986.381
[3561]	3016.468	3037.882	3088.629	3250.146	3205.363	3145.390	3164.864	3349.955
[3569]	3297.176	3352.575	3372.156	3188.810	3161.440	3374.945	3369.223	3275.107
[3577]	3084.726	3387.447	3261.474	3260.803	3318.655	3448.988	2982.587	3244.068
[3585]	3149.310	3183.222	3417.560	3369.473	3206.400	3290.110	3253.699	3318.074
[3593]	3324.241	3235.876	3283.346	3139.259	3290.941	3117.800	3359.297	3350.235
[3601]	3202.268	3244.769	3246.678	3154.588	3351.472	3363.591	3323.206	3325.779
[3609]	3514.507	3128.058	3181.719	3352.186	3044.151	3202.778	3316.704	3215.520
[3617]	3298.466	3141.157	3237.317	3150.019	3479.266	3486.377	3054.901	3390.690
[3625]	3349.842	3256.379	3313.392	3304.559	3291.176	3384.454	3333.211	3318.937
[3633]	3274.485	3277.797	3220.791	3283.208	3346.673	3290.002	3389.185	3127.015
[3641]	3096.323	3397.011	3273.759	3309.286	3258.299	3338.358	3205.998	3333.198
[3649]	3354.237	3644.111	3290.796	3227.062	3209.072	3392.349	3135.031	3157.140
[3657]	3147.674	3311.006	3193.494	3310.428	3417.435	3099.647	3296.438	3296.438

[3665]	3259.676	3329.043	3207.382	3279.302	3216.542	3052.936	3281.697	3333.951
[3673]	3205.910	3271.461	3320.859	3244.452	3191.407	3339.443	3244.837	3279.836
[3681]	3281.454	3414.419	3325.289	3440.742	3521.960	3527.317	3385.989	3350.692
[3689]	3289.900	3241.094	3153.146	3360.948	3160.807	3271.118	3525.813	3367.916
[3697]	3205.001	3393.367	3177.063	3192.499	3107.899	3345.146	3485.143	3172.681
[3705]	3428.997	3173.013	3199.917	2970.689	3004.274	3285.331	3219.116	3274.850
[3713]	3121.440	3402.712	3191.549	3324.615	3245.748	3220.404	3226.529	3242.319
[3721]	3346.586	3327.254	3200.797	3210.834	3342.017	3254.042	3300.473	3156.102
[3729]	3040.105	3119.367	3169.544	3352.610	3073.190	3137.711	3370.462	3343.966
[3737]	3270.898	3178.187	3342.213	3193.146	3325.693	3196.723	3367.746	3476.026
[3745]	3381.988	3437.775	3206.907	3354.570	3183.865	3474.262	3176.460	3353.017
[3753]	3228.033	3153.019	3092.533	3363.810	3303.971	3214.654	3244.155	3206.954
[3761]	3313.139	3324.229	3060.471	3408.602	3320.944	3327.766	3317.011	3341.949
[3769]	3180.568	3392.675	3217.753	3314.479	3287.970	3545.144	3504.881	3443.300
[3777]	3486.990	3633.994	2879.605	3093.414	3297.833	3314.812	3309.617	3212.822
[3785]	3304.402	3317.439	3312.040	3310.101	3349.494	3361.237	3374.195	3179.067
[3793]	3372.498	3345.066	3063.944	3171.081	3276.854	3281.262	3219.436	3399.029
[3801]	3292.902	3125.480	3398.807	3316.758	3252.514	3266.661	3273.765	3364.191
[3809]	3374.868	3175.484	3115.540	3367.279	3154.990	3248.801	3273.719	3300.081
[3817]	3247.557	3079.128	3088.338	3154.579	3059.663	3467.122	3390.609	3128.820
[3825]	3405.063	3059.796	3303.885	3322.885	3294.553	3360.550	3326.764	3343.529
[3833]	3318.471	3210.717	3118.046	3076.188	3302.645	3076.836	3336.035	3023.023
[3841]	3044.798	3405.997	3183.651	3263.246	3108.640	3261.662	3534.600	3230.476
[3849]	3336.810	3180.428	3275.086	3341.705	3129.799	3185.850	3177.275	3537.943
[3857]	3098.723	3205.558	3260.361	3249.284	3276.317	3255.381	3300.535	3321.787
[3865]	3104.080	3419.977	3082.637	3147.651	3384.283	3111.044	3388.862	3427.479
[3873]	3304.675	3083.433	3375.922	3201.293	3254.168	3163.713	3085.659	3457.234
[3881]	3140.890	3288.367	3233.248	3249.447	3257.047	3292.277	3238.765	3366.765
[3889]	3160.761	3368.126	3402.777	3346.300	3154.238	3572.885	3562.846	2930.938
[3897]	3073.725	3236.717	3374.841	3113.671	3423.563	3276.003	3225.441	3404.944
[3905]	3243.802	3054.517	3356.114	3267.021	3319.727	3232.554	3300.416	3459.996
[3913]	3334.592	3265.966	3275.538	3332.338	3285.221	3268.603	3287.900	3426.073
[3921]	3401.477	3217.005	3135.399	3068.035	3483.882	3482.318	3535.892	3016.733
[3929]	3281.536	3239.209	3151.277	3410.095	3109.628	3109.639	3297.888	3220.586
[3937]	3227.336	3371.356	3384.799	3308.630	3214.014	3484.995	3355.842	3407.005
[3945]	3103.487	3403.198	3268.122	3217.213	3249.148	3269.298	3379.636	3393.580
[3953]	3324.470	3280.642	3224.860	3309.591	3124.830	3399.948	3368.786	3386.379
[3961]	3109.776	3310.209	3287.645	3164.154	3370.985	3258.140	3357.584	3334.191
[3969]	3127.388	3195.945	3074.208	3166.687	3343.179	3226.908	3362.799	3353.569
[3977]	3266.238	3260.194	3284.827	3158.252	3363.729	3243.170	3365.549	3465.009
[3985]	3325.548	3396.917	3288.872	3306.433	3254.125	3337.723	3266.786	3275.692
[3993]	3208.823	3296.828	3294.246	3234.750	3299.659	3235.523	3160.011	3346.924
[4001]	3173.198	3075.504	3432.386	3084.391	3164.525	3171.517	3339.646	3125.554



[4009]	3210.350	3170.513	3209.580	3243.045	3271.252	3335.703	3394.331	3234.581
[4017]	3145.521	3308.540	3209.879	3351.064	3171.954	3239.696	3294.015	3293.708
[4025]	3189.388	3293.745	3380.073	3246.794	3218.981	3221.513	3211.506	3188.515
[4033]	3337.427	3162.860	3069.280	3445.847	3035.450	3117.866	3159.867	3205.719
[4041]	3338.044	3167.708	3242.602	3262.935	3266.486	3318.559	3168.207	3123.843
[4049]	3260.601	3222.371	3310.396	3210.104	3142.409	3124.717	3408.615	3107.217
[4057]	3412.667	3094.183	3089.365	3269.501	3203.610	3152.263	3411.046	3410.884
[4065]	3137.665	3381.053	3326.174	3195.627	3460.724	3179.841	3219.282	3393.685
[4073]	3124.829	3007.691	3185.691	3321.977	3225.412	3216.624	3408.124	3083.136
[4081]	3424.697	3357.067	3296.982	3173.242	3354.974	3247.084	3258.698	3233.366
[4089]	3293.357	3151.273	3219.773	3271.188	3230.847	3373.303	3142.713	3431.071
[4097]	3551.319	3525.328	3450.518	3205.777	3474.020	3318.357	3318.658	3159.921
[4105]	3277.440	3218.539	3208.882	3247.786	3341.803	3364.204	3426.349	3433.116
[4113]	3131.477	3190.015	3295.716	3275.807	3155.624	3256.584	3249.754	3249.288
[4121]	3314.593	3371.013	3160.606	3236.476	3289.715	3474.510	3015.289	3375.628
[4129]	3093.926	3367.045	3462.996	3124.863	3310.756	3264.577	3237.786	3311.054
[4137]	3251.996	3274.297	3218.240	3159.074	3383.057	3306.945	3262.338	3278.527
[4145]	3129.345	3386.735	3333.251	3274.372	3303.991	3315.785	3310.605	3272.565
[4153]	3266.388	3361.104	3265.812	3154.456	3226.733	3441.363	3396.274	3166.159
[4161]	3347.743	3113.273	3263.992	3254.080	3203.015	3311.772	3232.143	3290.321
[4169]	3347.921	3182.666	3308.668	3222.896	3200.144	3264.290	3178.904	3302.211
[4177]	3570.795	3401.455	3210.421	3176.836	3040.425	3486.056	3317.428	3132.808
[4185]	3338.532	3470.499	3161.437	3133.249	3421.034	3424.216	3100.731	3122.931
[4193]	3267.983	3247.505	3235.850	3401.375	3178.256	3398.496	3354.210	3259.198
[4201]	3144.701	3341.512	3179.297	3180.133	3419.526	3510.603	3312.358	3343.792
[4209]	3256.786	3373.171	3229.220	3282.726	3278.042	3304.450	3141.945	3562.550
[4217]	2955.534	3106.351	3194.845	3174.305	3315.454	3100.341	3425.957	3073.696
[4225]	3369.508	3468.305	3107.413	3214.292	3437.600	2998.933	3251.855	3143.375
[4233]	3234.983	3369.848	3358.827	3279.274	3282.135	3237.444	3322.170	3181.715
[4241]	3344.689	3364.392	3138.451	3316.515	3308.322	3262.558	3280.531	3334.245
[4249]	3130.856	3383.198	3209.933	3412.218	3190.279	3333.248	3274.947	3345.357
[4257]	3209.870	3120.934	3322.659	3190.616	3301.368	3318.034	3411.689	3370.507
[4265]	3372.320	3384.391	3399.462	3422.357	3177.400	3158.393	3339.485	3432.573
[4273]	3440.488	3355.513	3387.707	3126.285	3222.008	3392.231	3321.871	3357.409
[4281]	3358.591	3419.452	3260.254	3267.119	3318.750	3128.054	3377.723	3323.373
[4289]	3167.329	3295.945	3331.705	3222.085	3122.957	3288.563	3355.422	3257.734
[4297]	3586.301	3295.991	3304.934	3163.907	3233.246	3238.832	2999.793	3164.493
[4305]	3126.055	3269.401	3273.104	3164.228	3435.709	3376.254	3330.154	3217.153
[4313]	3101.170	3539.166	3246.302	3267.560	3279.116	3262.993	3183.543	3342.585
[4321]	3185.503	3261.689	3309.627	3447.895	3158.387	3202.746	3391.801	3133.808
[4329]	3337.649	3322.900	3291.522	3234.206	3390.078	3290.600	3228.023	3293.459
[4337]	3147.982	3112.250	3148.887	3372.352	3249.801	3215.180	3293.653	3184.289
[4345]	3269.200	3142.518	3312.186	3298.902	3359.867	3131.761	3215.331	3230.563

[4353]	3307.212	3094.924	3375.554	3092.029	3434.584	3392.705	3434.941	3100.068
[4361]	2974.138	3465.795	3369.144	3403.433	3227.839	3221.705	3231.336	3264.690
[4369]	3208.989	3365.458	3141.481	3189.241	3313.634	3230.328	3264.084	3246.609
[4377]	3211.186	3071.660	3306.623	3330.173	3201.249	3356.998	3165.466	3218.150
[4385]	3258.919	3216.045	3333.744	3183.557	3331.682	3294.096	3102.848	3259.106
[4393]	3237.690	3207.941	3219.115	3109.368	3264.840	3257.003	3460.143	3168.675
[4401]	3187.867	3219.078	3298.558	3182.029	3367.940	2947.903	3272.514	3371.320
[4409]	3446.518	3310.113	3379.646	3060.248	3452.414	3032.237	3111.509	3244.149
[4417]	3429.991	3230.488	3199.409	3307.805	3212.282	3361.127	3389.006	3248.557
[4425]	3224.345	3216.238	3434.329	3184.047	3325.916	3319.782	3209.769	3300.777
[4433]	3241.381	3171.681	3255.171	3358.358	3519.463	3348.271	3352.883	3244.124
[4441]	3285.335	3223.817	3285.914	3201.569	3287.283	3430.735	3543.671	3444.574
[4449]	3182.438	3170.443	3207.133	3159.119	3240.191	3277.709	3273.978	3292.003
[4457]	3283.582	3246.235	3336.419	3258.666	3189.401	3334.999	3326.069	3283.613
[4465]	3293.770	3215.449	3210.879	3166.803	3449.975	2969.743	2884.997	3073.609
[4473]	3441.447	3110.403	3232.983	3205.587	3195.326	3135.005	3110.098	3400.528
[4481]	3114.984	3393.903	3184.699	3418.230	3042.921	3167.143	3233.935	3425.802
[4489]	3090.085	3415.818	3435.663	3492.689	3172.965	3394.497	3071.573	3483.689
[4497]	3336.583	3174.136	3318.927	3196.994	3278.040	3321.617	3387.899	3114.232
[4505]	3190.683	3210.367	3068.936	3140.139	3343.244	3320.760	3337.319	3399.987
[4513]	3388.811	3112.067	3296.570	3321.864	3243.315	3130.205	3401.232	3101.385
[4521]	3406.648	3376.395	3391.642	3350.288	3350.570	2982.476	3474.172	3361.565
[4529]	3150.934	3365.515	3415.273	3190.967	3324.449	3348.374	3229.033	3223.155
[4537]	3343.877	3149.066	3372.197	3081.356	3443.586	3191.982	3250.672	3258.122
[4545]	3202.694	3310.955	3361.415	3169.871	3365.271	3173.987	3268.101	3314.895
[4553]	3253.461	3237.402	3283.559	3181.711	3223.893	3343.150	3249.667	3387.231
[4561]	3187.170	3161.274	3221.350	3264.712	3388.399	3151.267	3357.889	3259.865
[4569]	3247.182	3324.371	3306.446	3277.746	2986.800	3172.135	3348.423	3209.991
[4577]	3247.577	3155.644	3277.989	3236.467	3301.256	3215.455	3296.361	3296.185
[4585]	3314.572	3265.697	3227.868	3218.773	3272.192	3220.455	3181.734	2973.588
[4593]	3329.772	3332.689	3388.424	3060.415	3244.089	3268.034	3353.253	3380.283
[4601]	3675.643	3595.831	3601.075	3278.958	3250.745	3251.774	3304.144	3296.736
[4609]	3295.366	3227.743	3356.482	3137.350	3198.343	3206.337	3167.863	3354.782
[4617]	3380.629	3196.385	3238.350	3435.167	3317.922	3334.758	3155.716	3299.073
[4625]	3319.533	3452.849	3477.826	3227.787	3305.982	3153.491	3061.371	3113.013
[4633]	3131.655	3240.269	3181.931	3122.290	3305.365	3070.634	3446.184	3208.943
[4641]	3268.063	3404.237	3433.546	3133.349	3296.044	3339.110	3137.343	3502.014
[4649]	3677.419	3211.979	3133.197	3125.887	3100.627	3435.999	2983.191	3534.016
[4657]	2987.624	3282.291	3149.422	3400.224	3269.830	3256.317	3147.862	3373.065
[4665]	3297.009	3155.623	3330.859	3309.746	3478.239	3464.823	3079.557	3172.541
[4673]	3041.495	3046.320	3250.238	3188.145	3358.575	3215.981	3290.985	3250.725
[4681]	3333.729	3209.570	3216.334	3315.427	3207.427	3147.089	3371.686	3147.244
[4689]	3152.117	3087.237	3165.282	3171.904	3474.970	3340.728	3236.697	3153.632

[4697]	3175.716	3374.130	3128.956	3326.333	3285.289	3254.273	3249.880	3278.965
[4705]	3296.032	3276.897	3279.067	3372.669	3543.297	3063.512	3456.704	3402.403
[4713]	3291.767	3230.550	3196.124	3366.458	3302.096	3088.303	3113.138	3100.858
[4721]	3416.827	3168.535	3195.344	3220.580	3268.930	3053.055	3258.937	3273.883
[4729]	3243.626	3210.287	3210.287	3299.205	2920.743	3345.541	3277.302	3246.850
[4737]	3274.565	3408.882	3257.798	3452.327	3474.627	3472.733	3473.568	3253.298
[4745]	3332.532	3240.880	3200.757	3318.758	3423.716	3217.759	3267.915	3283.720
[4753]	3332.429	3460.910	3532.060	3479.017	3047.416	3326.027	3174.367	3340.344
[4761]	3178.402	3218.551	3213.740	3095.262	3427.067	3385.197	3343.487	3232.376
[4769]	3350.240	3319.974	3199.389	3306.432	3233.145	3284.530	3383.322	3267.750
[4777]	3466.161	3525.189	3405.495	3108.677	3096.832	3080.484	3252.517	3286.086
[4785]	3303.768	3325.187	3312.677	3149.751	3230.011	3260.151	3162.076	3359.268
[4793]	3258.623	3266.397	3271.716	3086.581	3349.548	3490.484	3278.160	3260.142
[4801]	3281.777	3334.262	3243.900	3273.585	3124.162	3396.267	3367.257	3166.848
[4809]	3212.302	3267.270	3356.584	3419.775	3383.947	3195.917	3225.147	3286.351
[4817]	3239.422	3213.415	3272.558	3313.692	3311.950	3458.469	3218.445	3149.663
[4825]	3399.807	3117.319	3399.472	3114.991	3488.094	3412.193	3353.546	3266.632
[4833]	3500.823	3299.839	3221.690	3169.400	3229.756	3350.116	3513.614	3159.545
[4841]	3168.229	3370.131	3536.857	3358.189	3231.988	3223.064	3300.229	3302.539
[4849]	3204.233	3030.557	3483.056	3418.011	3145.916	3079.579	3274.620	3389.021
[4857]	3245.405	3354.003	3146.640	3431.214	3137.803	3154.536	3178.755	3281.591
[4865]	3140.182	3127.498	3394.457	3188.493	3198.227	3177.817	3373.008	3149.705
[4873]	3149.528	3371.172	3282.331	3370.340	3466.385	3347.455	3322.200	3247.598
[4881]	3285.776	3175.410	3179.945	3581.142	2963.217	3291.603	3290.862	3039.759
[4889]	2965.898	3438.352	3140.724	3201.439	3358.347	3285.296	3217.849	3221.037
[4897]	3310.463	3147.424	3210.158	3302.684	3318.617	3421.597	3143.153	3145.216
[4905]	3349.951	3256.797	3253.685	3376.544	3417.129	3088.090	3386.412	3400.022
[4913]	3392.549	2922.082	3427.681	3197.141	3291.054	3365.177	3162.585	3099.162
[4921]	3164.206	3340.276	3247.102	3310.325	3354.124	3274.998	3405.488	3221.942
[4929]	3258.667	3212.401	3313.134	3073.060	3261.353	3196.405	3342.697	3303.920
[4937]	3085.914	3430.511	3376.602	3201.854	3314.475	3288.830	3194.080	3074.443
[4945]	3254.180	3274.556	3224.530	3196.297	3274.608	3178.048	3106.330	3149.373
[4953]	3377.891	3467.532	3502.729	3185.152	3330.826	3410.916	3100.042	3064.329
[4961]	3454.824	3175.084	3255.659	3147.402	3251.066	3320.187	3320.187	3035.917
[4969]	3327.564	3200.680	3269.042	3272.401	3547.985	3446.314	3095.478	2976.697
[4977]	3074.693	3326.131	3391.704	3384.963	3269.232	3240.422	3188.094	3245.447
[4985]	3299.852	3212.810	3347.338	3354.984	3294.271	3307.474	3164.575	3311.105
[4993]	3407.600	3290.982	3231.560	3161.759	3249.230	3213.517	3348.164	3344.987
[5001]	3201.086	3346.683	3200.078	3282.808	3419.390	3111.551	3478.577	3441.485
[5009]	3258.716	3343.595	3195.457	3214.713	3224.130	3312.675	3164.299	3255.443
[5017]	3256.568	3304.047	3314.646	3208.516	3260.815	3506.424	3326.018	3341.830
[5025]	3267.073	3158.410	3233.589	3404.724	3126.257	3286.752	3217.207	3269.284
[5033]	3259.772	3299.408	3231.659	3215.287	3171.924	3154.078	3371.745	3416.397

[5041]	3061.900	3476.311	3055.858	3434.935	3084.314	3438.540	3319.436	3205.966
[5049]	3315.668	3202.650	3253.662	3282.983	3242.067	3285.833	3294.087	3361.526
[5057]	3403.671	3379.466	3076.100	3212.920	3030.300	3133.999	3343.673	3310.919
[5065]	3133.798	3113.892	3312.648	3286.212	3307.394	3312.121	3209.582	3090.648
[5073]	3430.689	3168.596	3233.463	3224.196	3307.118	3284.559	3263.377	3093.864
[5081]	3217.605	3436.011	3167.297	3154.814	3241.250	3074.901	2942.598	3189.242
[5089]	3172.829	3348.178	3139.664	3296.008	3165.948	3167.837	3166.570	3205.137
[5097]	3292.638	3363.209	3246.757	3318.348	3203.606	3178.715	3227.122	3162.608
[5105]	3263.176	3301.493	3434.979	3082.309	3419.528	3246.620	3243.215	3258.818
[5113]	3254.858	3345.763	3306.759	3290.048	3328.285	3280.236	3072.766	2958.718
[5121]	3081.619	3433.396	3103.194	3103.600	3003.292	3508.109	3341.756	3255.880
[5129]	3099.773	3268.993	3241.412	3150.556	3201.482	3276.691	3261.430	3236.603
[5137]	3567.987	3507.285	3288.475	3322.940	3191.609	3145.086	3471.814	3530.499
[5145]	3522.113	3437.876	3328.481	3173.440	3218.957	3239.576	3141.907	3133.032
[5153]	3094.072	3213.693	3222.177	3403.719	3492.683	3109.779	3132.184	3166.766
[5161]	3385.403	3132.198	3174.894	3150.251	3269.373	3285.069	3248.976	3274.666
[5169]	3298.485	3215.573	3404.015	3435.146	3259.211	3256.953	3264.940	3229.954
[5177]	3230.636	3125.735	3150.300	3219.733	3167.745	3288.937	3231.232	3260.798
[5185]	3242.054	3231.888	3079.476	3312.533	3254.161	3222.837	3386.128	3327.261
[5193]	3137.259	3377.735	3369.732	3318.950	3425.991	3256.821	3287.811	3301.374
[5201]	3304.723	3203.592	3316.141	3201.463	3249.677	3322.635	3345.585	3291.420
[5209]	3484.066	3115.374	3403.309	3020.928	3502.447	3340.098	3490.937	3215.176
[5217]	3348.580	3178.545	3394.709	3144.298	3014.159	3379.343	3104.788	3121.208
[5225]	3155.683	3175.574	3211.050	3280.935	3310.083	3278.534	3302.941	3427.112
[5233]	3138.099	3262.436	3405.703	3254.213	3242.473	3275.862	3076.334	3260.837
[5241]	3218.794	3303.624	3187.678	3338.921	3279.536	3216.503	3147.567	3442.859
[5249]	3255.664	3216.747	3215.830	3230.627	3193.962	3320.075	3204.797	3323.996
[5257]	3467.426	3449.256	3531.645	3294.030	3241.024	3188.094	3228.426	3156.650
[5265]	3326.188	3087.026	3379.741	3395.020	3397.143	3091.651	3410.607	3502.254
[5273]	3017.327	3448.804	3374.762	3134.437	3333.540	3130.598	3337.471	3177.551
[5281]	3339.786	3312.954	3175.838	3417.691	3318.193	3332.087	3026.079	2989.647
[5289]	3074.620	3387.353	3189.927	3269.199	3177.752	3435.866	3266.460	3253.114
[5297]	3222.040	3188.460	3349.580	3159.481	3218.498	3289.575	3241.641	3355.706
[5305]	3399.306	3317.311	3201.946	3310.317	3320.727	3269.363	3258.928	3223.248
[5313]	3289.550	3134.820	3336.328	3306.346	3211.023	3303.098	3172.436	3341.240
[5321]	3318.027	3369.689	3144.498	3305.516	3228.865	3208.404	3295.671	3282.655
[5329]	3379.223	3370.242	3269.746	2979.495	2994.568	3081.154	3253.649	3183.575
[5337]	3406.517	3054.099	3376.365	3141.669	2997.702	3007.813	3234.523	3339.717
[5345]	3154.783	3138.236	3282.645	3120.278	3280.091	3379.192	3318.015	3293.014
[5353]	3243.713	3258.773	3198.870	3287.518	3232.540	3379.462	3077.134	3250.438
[5361]	3234.879	3368.326	3185.219	3394.394	3146.318	3253.887	3140.799	3284.448
[5369]	3327.826	3358.844	3195.438	3346.708	3137.120	3265.564	3242.766	3270.156
[5377]	3205.327	3399.376	3364.293	3275.581	3272.496	3383.739	3313.301	3196.557

[5385]	3347.385	3164.225	3257.709	3109.286	3050.589	3279.888	3283.127	3399.450
[5393]	3168.743	3259.863	3398.343	3189.720	3346.671	3181.424	3233.692	3127.261
[5401]	3268.086	3210.731	3216.117	3188.702	3039.959	3096.813	3133.657	3185.643
[5409]	3327.337	3193.380	3310.027	3325.322	3260.273	3260.273	3217.863	3313.898
[5417]	3330.354	3190.310	3415.294	3094.029	3050.008	3207.929	3227.578	3270.803
[5425]	3223.426	3419.452	3166.240	3255.854	3181.458	3206.503	3201.322	3444.301
[5433]	3354.602	3166.669	3206.812	3155.112	3179.207	3136.220	3385.569	3374.478
[5441]	3146.638	3301.441	3294.749	3358.535	3234.447	3290.138	3287.907	3258.642
[5449]	3032.659	3229.474	3270.470	3067.622	3130.415	3379.482	3340.259	3455.665
[5457]	3333.310	3373.037	3302.692	3155.628	3269.484	3261.265	3235.978	3406.647
[5465]	3347.904	3213.958	3309.345	3350.218	3124.810	3437.263	3157.335	3210.716
[5473]	3301.319	3257.012	3432.238	3184.703	3203.099	3229.038	3273.915	3278.862
[5481]	3130.243	3063.618	3288.160	3246.334	3187.083	3482.515	3348.522	3167.922
[5489]	3155.276	3363.145	3428.167	3114.253	3239.630	3278.403	3215.963	3305.396
[5497]	3160.716	3206.636	3241.417	3279.283	3180.645	3297.373	3323.616	3271.311
[5505]	3252.183	3227.426	3246.702	3298.814	3297.770	3449.021	3201.670	3200.447
[5513]	3353.935	3357.784	3166.181	3276.677	3245.074	3247.346	3563.550	2949.279
[5521]	3566.973	3113.819	3411.260	3343.181	3226.057	3300.309	3332.446	3378.145
[5529]	3321.114	3210.745	3311.892	3195.175	3282.506	3200.383	3330.045	3141.956
[5537]	3151.564	3426.566	3379.820	3316.849	3209.129	3307.975	3188.400	3180.663
[5545]	3341.531	3196.705	3124.097	3147.130	3483.636	3398.637	3191.977	3339.586
[5553]	3268.915	3261.585	3089.527	3357.396	3134.973	3116.411	3131.654	3385.924
[5561]	3334.079	3220.819	3313.494	3197.308	3329.785	3328.944	3167.038	3354.735
[5569]	3233.175	3265.052	3105.712	3362.721	3487.705	3339.231	3317.939	3184.617
[5577]	3332.718	3405.447	3191.748	3133.550	3488.978	3376.277	3352.635	3230.394
[5585]	3334.609	3208.450	3341.511	3249.533	3123.015	3314.421	2999.972	3412.273
[5593]	3089.739	3191.081	3284.206	3270.149	3204.876	3203.847	3320.846	3106.218
[5601]	3120.321	3053.218	3109.674	3549.929	3485.981	3134.712	3149.490	3486.705
[5609]	3033.574	3077.114	3381.931	3346.671	3458.142	3428.692	3088.362	3024.911
[5617]	3095.110	3427.845	3085.692	3442.946	3306.494	3120.712	3251.946	3234.060
[5625]	3336.001	3192.808	3090.147	3037.553	3069.785	3160.682	3339.736	3139.627
[5633]	3168.963	3330.552	3184.855	3283.374	3029.663	3481.234	3047.246	3133.008
[5641]	3066.604	3246.858	3220.192	3268.950	3257.933	3268.847	3318.196	3197.468
[5649]	3320.805	3213.596	3199.396	3238.094	3271.835	3315.359	3154.500	3514.632
[5657]	3289.814	3197.998	3228.101	3281.141	3149.088	3540.240	3365.740	3286.936
[5665]	3442.152	3324.744	3189.019	3269.037	3156.148	3348.615	3161.528	3359.523
[5673]	3366.034	3389.872	3181.888	3147.443	3163.096	3088.328	3373.224	3292.924
[5681]	3223.771	3233.562	3047.356	3222.121	3177.583	3338.107	3195.838	3280.179
[5689]	3215.071	3340.896	3243.593	3301.468	3291.453	3147.874	3224.517	3202.108
[5697]	3138.726	3325.827	3182.969	3160.363	3347.690	3116.394	3337.761	3398.003
[5705]	3157.236	3333.726	3195.573	3060.905	3005.828	3206.408	3245.142	3155.084
[5713]	3149.752	3312.040	3199.850	3098.037	3403.447	3121.015	3333.027	3094.075
[5721]	3340.321	3303.685	3127.791	3217.117	3308.907	3133.032	3119.789	3107.960

[5729]	3118.385	3064.039	3236.810	3467.355	3042.187	3333.282	3371.485	3161.918
[5737]	3088.852	3250.686	3428.660	3349.125	3223.391	3255.495	2922.959	3170.276
[5745]	3087.421	3142.007	3099.921	3104.976	3413.394	3113.103	3259.517	3113.531
[5753]	3282.557	3248.704	3216.904	3249.966	3384.142	3371.945	3362.657	3151.381
[5761]	3160.574	3223.275	3398.982	3175.705	3360.279	3266.057	3074.865	3079.233
[5769]	3446.375	3212.644	3228.218	3200.742	3234.853	3281.760	3274.123	3370.448
[5777]	3291.732	3168.787	3244.280	3148.181	3126.786	3055.935	3178.401	3262.768
[5785]	3293.257	3250.663	3176.389	3158.662	3234.295	3302.477	3334.893	3118.572
[5793]	3282.358	3242.893	3274.815	3272.954	3230.180	3297.128	3294.496	3179.071
[5801]	3015.054	3091.350	3245.188	3309.242	3067.060	3499.672	3541.748	3280.811
[5809]	3164.942	3381.268	3198.949	3183.568	3366.574	3363.924	3385.924	2993.396
[5817]	3098.222	3347.206	3280.532	3282.669	3180.798	3201.999	3206.616	3375.981
[5825]	3405.060	3294.311	3192.690	3448.427	3277.371	3244.987	3292.236	3327.247
[5833]	3543.072	3332.764	3395.825	3195.482	3310.874	3130.087	2978.727	2983.194
[5841]	3032.625	3211.042	3399.283	3168.027	3169.089	3402.670	3401.112	3477.012
[5849]	3116.092	3312.486	3191.154	3290.979	3175.446	3347.349	3371.792	3328.825
[5857]	3163.269	3178.412	3201.422	2997.674	3300.508	3251.164	3570.825	2960.437
[5865]	3080.339	3033.502	3199.215	3103.050	3360.281	3245.240	3292.307	3183.893
[5873]	3304.197	3359.286	3158.722	3157.114	3196.541	3226.890	3325.968	3234.815
[5881]	3240.418	3277.627	3228.786	3203.856	3122.297	3115.260	3326.309	3150.256
[5889]	3208.575	3201.473	3162.283	3246.518	3149.569	3336.540	3165.310	3206.961
[5897]	3157.375	3371.909	3217.992	3417.796	3160.071	3170.529	3237.360	3293.595
[5905]	3237.482	3314.301	3125.389	3151.302	3205.419	3261.392	3330.450	3225.855
[5913]	3211.584	3250.399	3141.353	3231.881	3290.188	3166.591	3370.661	3145.980
[5921]	3382.298	3193.817	3329.789	3189.068	3406.895	3083.684	3387.133	3392.573
[5929]	3440.291	3176.929	3329.197	3185.079	3231.059	3299.108	3141.527	3379.321
[5937]	3331.705	3263.299	3267.475	3349.765	3134.687	3409.850	3383.925	3333.352
[5945]	3251.271	3283.425	3226.879	3286.659	3295.015	3448.960	3431.910	3083.245
[5953]	3429.975	3112.300	3037.396	3055.639	3168.600	3355.774	3269.635	3271.978
[5961]	3301.561	3220.117	3288.748	3279.099	3259.513	3105.195	3182.249	3398.173
[5969]	3580.207	3417.080	3370.146	3225.597	3137.771	3059.450	3083.789	3067.068
[5977]	3075.957	3355.814	3188.137	3335.420	3343.254	3306.347	3064.686	3235.463
[5985]	3326.804	3076.115	3429.127	3003.822	3488.278	3453.414	3400.654	3112.108
[5993]	3399.065	3141.235	3077.213	3203.597	3137.933	3217.002	3303.871	3345.406
[6001]	3287.023	3318.260	3202.632	3148.836	3062.873	3256.530	3138.990	3400.170
[6009]	3409.421	3330.833	3231.637	3229.736	3174.763	3347.772	3220.550	3333.583
[6017]	3251.996	3311.601	3321.370	3338.814	3266.894	3382.938	3321.958	3525.117
[6025]	3005.732	3034.627	3479.366	2970.954	3114.361	3183.329	3211.702	3463.275
[6033]	3066.671	3491.294	3221.364	3231.924	3205.738	3304.139	3196.053	3335.519
[6041]	3256.180	3222.899	3167.441	3298.861	3226.253	3265.119	3076.210	3430.455
[6049]	3141.397	3012.294	3272.879	3480.721	3041.135	3412.414	3071.175	3350.362
[6057]	3184.444	3094.525	3427.702	3289.997	3392.794	3297.714	3267.104	3218.747
[6065]	3218.747	3266.960	3363.283	3475.600	3048.971	3458.793	3149.095	3237.123

[6073]	3249.655	3140.480	3492.947	3304.484	3219.961	3323.499	3349.236	3163.181
[6081]	3116.574	3228.731	3240.135	3242.323	3330.750	3083.723	3197.988	3193.299
[6089]	3339.341	3357.278	3208.688	3295.317	3403.759	3211.634	3303.364	3224.009
[6097]	3226.312	3278.714	3257.118	3310.046	3373.217	3323.838	3542.782	3108.215
[6105]	3415.064	3108.647	3211.642	3306.357	3249.186	3270.345	3066.409	3006.803
[6113]	3154.124	3307.025	3326.750	3370.464	3133.177	3147.047	3309.525	3302.624
[6121]	3292.527	3294.434	3297.024	3222.849	3377.560	3377.433	3079.025	3440.433
[6129]	3099.531	3481.660	3516.809	3338.298	3400.470	3356.533	3177.552	3333.176
[6137]	3240.239	3240.222	3212.611	3170.070	3159.038	3358.406	3415.453	3382.655
[6145]	3383.961	3336.455	3356.993	3087.516	3178.193	3343.923	3348.260	3333.209
[6153]	3335.317	3242.148	3261.789	3165.449	3079.886	3282.765	3355.656	3176.353
[6161]	3155.958	3134.211	3219.639	3229.890	3216.346	3127.228	3026.487	3279.760
[6169]	3343.140	3295.371	3100.230	3163.170	3311.204	3350.916	3314.497	3122.577
[6177]	3385.105	3429.693	3080.637	3038.965	3117.001	3468.933	3231.481	3264.351
[6185]	3209.665	3330.418	3272.150	3092.980	3368.640	3076.078	3523.978	3401.521
[6193]	3126.612	3136.378	3280.079	3187.403	3182.746	3296.705	3123.177	3186.577
[6201]	3173.030	3206.444	3197.904	3305.623	3183.082	3283.559	3162.883	3359.848
[6209]	3122.810	3192.552	3375.044	3392.848	3203.960	3329.106	3178.170	3030.631
[6217]	3047.928	3263.227	3300.833	3209.831	3203.139	3113.946	3417.013	3277.539
[6225]	3240.822	3198.121	3289.440	3213.365	3051.319	3515.861	3271.349	3071.931
[6233]	3017.673	3317.462	3396.018	3327.323	3300.271	3161.364	3095.299	3179.649
[6241]	3237.924	3319.918	3377.452	3148.138	3213.558	3340.421	3244.535	3165.935
[6249]	3217.812	3308.834	3273.122	3207.606	3241.489	3141.428	3350.612	3156.269
[6257]	3270.919	3274.543	3328.700	3319.905	3230.923	3288.647	3224.507	3332.655
[6265]	3160.483	3178.524	3262.982	3263.442	3241.337	3194.095	3326.394	3183.150
[6273]	3304.027	3245.158	3276.585	3385.105	3280.253	3271.032	3253.061	3158.832
[6281]	3086.675	3368.822	3351.135	3161.550	3182.208	3197.570	3080.550	3322.038
[6289]	3265.088	3257.053	3250.350	3303.891	3382.159	3173.705	3371.309	3217.161
[6297]	3261.200	3258.887	3252.757	3189.691	3254.410	3189.423	3290.727	3123.216
[6305]	3190.970	3148.151	3285.999	3221.456	3307.566	3213.722	3404.813	3359.076
[6313]	3233.594	3231.812	3213.247	3324.601	3319.418	3226.990	3398.083	3439.167
[6321]	3147.104	3346.333	3190.028	3354.001	3170.988	3172.694	3242.903	3189.359
[6329]	3418.668	3184.221	3284.880	3377.602	3118.657	3354.047	3183.337	3350.490
[6337]	3235.447	3363.357	3190.452	3237.997	3259.607	3355.603	3387.475	3340.882
[6345]	3178.469	3235.882	3069.477	3107.937	3200.252	3320.158	3335.823	3190.857
[6353]	3157.827	3210.987	3303.727	3412.754	3412.754	3045.032	3454.170	3003.334
[6361]	3175.705	3182.688	3214.364	3145.482	3169.588	3413.540	3384.872	3284.101
[6369]	3183.617	3338.658	3303.949	3226.866	3204.322	3313.285	3216.729	3013.284
[6377]	3332.494	3213.430	3325.612	3197.373	3149.466	3355.575	3257.714	3356.850
[6385]	3486.517	3455.542	2970.641	3567.925	2986.468	3091.892	3057.384	3279.530
[6393]	3253.159	3348.441	3536.872	3536.872	3282.789	3177.991	3179.158	3313.688
[6401]	3219.760	3328.983	3347.773	3345.943	3091.619	3095.615	3551.416	3536.079
[6409]	3337.377	3361.208	3190.947	3206.447	3339.871	3397.288	3128.882	3427.769

[6417]	3295.879	3224.152	3335.537	3308.197	3219.675	3205.604	3121.836	3261.764
[6425]	3217.090	3301.261	3197.583	3373.645	3341.966	3214.557	3304.707	3338.767
[6433]	3233.605	3234.607	3414.121	3400.563	3082.135	3293.054	3210.085	3184.779
[6441]	3090.033	3246.601	3246.601	3279.093	3364.934	3327.898	3188.001	3284.199
[6449]	3236.110	3228.160	3167.285	3277.322	3124.694	3222.763	3291.809	3267.385
[6457]	3281.863	3238.340	3239.728	3378.912	3167.709	3288.627	3257.824	3265.960
[6465]	3168.036	3203.278	3288.779	3298.344	3282.676	3268.169	3333.388	3300.555
[6473]	3144.874	3347.772	3113.710	3013.452	3169.064	3252.483	3465.341	3422.269
[6481]	3123.128	3277.985	3083.944	3198.403	3132.070	3405.298	3278.952	3307.440
[6489]	3145.878	3243.294	3266.986	3310.633	3115.722	3364.758	3219.856	3298.956
[6497]	3192.356	3296.477	3226.046	3138.539	3218.946	3095.820	3124.380	3276.528
[6505]	3371.024	3271.061	3400.552	3170.215	3350.799	3266.198	3281.932	3324.704
[6513]	3198.950	3227.968	3117.842	3520.333	3147.111	3536.014	3425.168	3304.719
[6521]	3184.294	3278.626	3234.702	3147.684	3371.922	3391.186	3178.453	3206.276
[6529]	3177.661	3208.138	3271.214	3161.648	3424.433	3457.164	3450.867	3070.644
[6537]	3241.404	3255.551	3324.142	3118.623	3200.830	3132.109	3371.267	3090.038
[6545]	3208.474	3285.808	3562.499	3258.298	3184.853	3338.625	3180.727	3257.388
[6553]	3215.201	3316.315	3204.123	3343.061	3176.401	3064.327	3386.293	3210.072
[6561]	3308.922	3378.863	3178.415	3238.859	3269.987	3218.709	3294.407	3227.318
[6569]	3223.235	3243.245	3186.632	3290.432	3310.668	3406.991	3453.643	3347.779
[6577]	3283.683	3317.475	3331.291	3186.860	3233.250	3242.284	3271.496	3270.521
[6585]	3360.916	3213.208	3043.827	3464.552	3485.070	3187.724	3242.866	3247.139
[6593]	3240.134	3359.414	3245.676	3212.808	3351.435	3436.167	3090.148	3457.054
[6601]	3329.220	3348.217	3181.903	3072.103	3540.052	3022.389	3483.555	3152.306
[6609]	3152.012	3242.539	3495.729	3290.849	3411.012	3116.368	3113.605	3357.079
[6617]	3353.280	3164.258	3194.612	3370.681	3310.170	3249.056	3303.088	3248.319
[6625]	3260.715	3211.394	3195.616	3438.915	3055.070	3425.085	3203.705	3253.368
[6633]	3268.270	3246.825	3188.449	3162.089	3492.132	3093.965	3204.742	3232.173
[6641]	3281.936	3439.725	3022.139	3553.710	3005.192	3147.876	3108.593	3216.208
[6649]	3326.898	3370.044	3179.773	3312.684	3322.832	3216.694	3337.926	3156.583
[6657]	3139.767	3372.869	3230.272	3329.208	3205.639	3021.841	3048.891	3416.763
[6665]	3078.316	3290.710	3171.128	2969.804	3124.660	3387.959	3126.846	3364.832
[6673]	2947.887	2945.653	3233.160	3318.184	3259.844	3269.947	3253.846	3273.334
[6681]	3350.324	3286.632	3368.722	3417.427	3125.592	3361.763	3140.806	3392.281
[6689]	3339.336	3330.109	3330.109	3438.602	3268.880	3168.509	3262.300	3144.507
[6697]	3209.254	3098.229	3268.708	3233.397	3212.594	3237.671	3076.012	3166.768
[6705]	3436.588	3164.155	3171.629	3148.247	3394.205	3264.147	3418.464	3462.179
[6713]	3210.852	3290.975	3290.216	3238.899	3125.842	3101.613	3417.677	3190.212
[6721]	3191.256	3297.295	3339.365	3308.528	3279.209	3226.670	3365.095	3230.623
[6729]	3356.209	3253.449	3313.680	3207.978	3323.069	3292.166	3298.920	3346.836
[6737]	3227.511	3411.856	3433.081	3446.763	3076.407	3115.848	3290.118	3411.219
[6745]	3228.195	3291.993	3228.300	3393.034	3250.589	3192.439	3367.376	3138.207
[6753]	3381.653	3437.313	3335.644	3192.742	3130.552	3215.359	3343.730	3187.704



[6761]	3282.929	3236.958	3260.730	3276.987	3279.245	3242.428	3328.369	3182.934
[6769]	3196.748	3384.711	3318.410	3327.951	3142.181	3151.333	3168.490	3267.430
[6777]	3286.107	3008.759	2968.072	3112.136	3197.519	3259.758	3254.063	3334.794
[6785]	3353.083	3380.995	3167.471	3349.975	3215.837	3300.752	3343.106	3305.728
[6793]	3297.616	3375.065	3163.125	3189.281	3117.499	3415.330	3393.808	3373.528
[6801]	3389.337	3395.615	3117.084	3405.104	3447.039	3142.023	3360.059	3392.482
[6809]	3244.602	3243.893	3255.111	3318.025	3346.508	3274.983	3231.808	3182.596
[6817]	3261.753	3138.606	3252.990	3207.684	3287.994	3311.487	3373.378	3085.890
[6825]	3342.184	3217.266	3199.997	3263.882	3153.002	3102.400	3367.713	3369.966
[6833]	3347.572	3365.646	3332.176	3291.253	3231.354	3194.008	3211.631	3156.353
[6841]	3351.863	3354.730	3276.956	3175.776	3162.147	3161.967	3285.616	3389.107
[6849]	3394.020	3177.959	3163.804	3291.153	3233.427	3238.939	3433.947	3376.287
[6857]	3134.248	3348.250	3293.518	3249.993	3262.193	3240.528	3135.594	3194.281
[6865]	3204.802	3255.221	3163.572	3319.717	3419.728	3071.509	3339.763	3256.689
[6873]	3436.657	3394.683	3240.368	3185.381	3119.260	3441.460	3148.619	3383.990
[6881]	3343.583	3124.422	3211.227	3337.076	3271.515	3257.386	3221.385	3286.588
[6889]	3236.723	3213.356	3239.474	3330.675	3142.658	3423.765	3459.416	3362.168
[6897]	3332.208	3294.260	3422.881	3207.979	3141.895	3269.382	3166.301	3374.114
[6905]	3381.780	3171.658	3290.754	3202.647	3203.688	3252.489	3258.502	3260.412
[6913]	3173.721	3281.112	3266.648	3320.945	3203.530	3319.340	3297.400	3236.456
[6921]	3285.530	3281.269	3227.957	3298.606	3110.848	3100.876	3112.060	3428.783
[6929]	3198.767	3197.531	3303.878	3009.212	3028.346	3498.893	3022.007	3377.861
[6937]	3017.766	3169.329	3237.555	3282.457	3293.074	3227.777	3186.820	3166.436
[6945]	3354.941	3257.308	3285.434	3246.856	3279.832	3252.646	3277.912	3330.602
[6953]	3242.725	3382.998	3260.892	3361.305	3231.936	3294.542	3294.542	3229.038
[6961]	3293.831	3242.345	3291.407	3345.396	3189.486	3094.824	3332.150	3316.439
[6969]	3244.104	3297.695	3434.548	3310.888	3369.821	3157.860	3398.191	3349.508
[6977]	3219.442	3335.836	3306.546	3266.528	3278.121	3508.596	3084.793	3455.659
[6985]	3235.185	3129.124	3120.326	3401.478	3342.457	3148.761	3194.633	3271.740
[6993]	3357.710	3144.813	3355.448	3368.244	3263.543	3248.804	3215.524	3255.590
[7001]	3262.119	3290.270	3186.779	3110.039	3085.226	3304.066	3216.747	3293.273
[7009]	3323.592	3417.376	3387.123	3329.152	3285.351	3235.734	3207.194	3191.641
[7017]	3191.641	3079.959	3405.286	3303.493	3236.220	3336.656	3314.610	3275.405
[7025]	3020.048	3371.715	3378.690	3470.414	3421.175	3163.142	3340.929	3430.387
[7033]	3085.553	3406.635	3480.194	3041.605	3099.874	3355.915	3441.778	3077.056
[7041]	3301.484	3178.474	3348.972	3326.242	3190.641	3146.848	3325.349	3363.525
[7049]	3265.023	3120.975	3358.839	3361.662	3297.634	3215.791	3285.653	2984.510
[7057]	3061.161	3270.060	3084.391	3423.111	3037.766	3325.277	3195.275	3273.425
[7065]	3332.416	3091.398	3397.498	3149.725	3303.092	3224.212	3268.263	3234.245
[7073]	3222.599	3443.142	3128.302	3311.891	3433.543	3477.330	3367.947	3152.435
[7081]	3269.276	3273.401	3295.397	3164.664	3242.609	3259.731	3214.488	3325.209
[7089]	3298.920	3329.169	3311.908	3215.409	3112.372	3358.233	3156.396	3359.730
[7097]	3342.035	3348.288	3235.023	3564.283	3532.759	2984.794	3259.344	3325.532

[7105]	3259.561	3219.447	3298.401	3218.362	3295.934	3262.214	3231.146	3286.036
[7113]	3246.978	3269.246	3305.426	3218.067	3451.102	2964.793	3048.274	3461.721
[7121]	3127.948	3103.324	3413.356	3093.387	3431.329	3077.777	3310.040	3316.872
[7129]	3287.893	3300.241	3208.192	3239.426	3194.128	3322.547	3438.896	3375.911
[7137]	3210.575	3338.608	3276.131	3179.165	3151.394	3228.554	3217.325	3340.766
[7145]	3273.866	3301.848	3229.184	3344.188	3285.678	3371.277	3069.794	3092.234
[7153]	3069.870	3475.763	3031.208	3250.134	3365.466	3399.440	3171.771	3311.635
[7161]	3202.772	3389.512	3263.422	3194.242	3181.147	3265.273	3292.231	3267.409
[7169]	3128.261	3387.002	3108.751	3180.600	3344.486	3297.274	3271.142	3268.071
[7177]	3285.514	3215.066	3198.490	3279.237	3199.994	3270.102	3296.817	3127.552
[7185]	3264.087	3328.826	3086.407	3154.734	3142.881	3345.326	3303.095	3188.531
[7193]	3151.142	3193.337	3095.361	3087.792	3047.764	3220.957	3141.377	3181.544
[7201]	3157.747	3292.561	3093.052	3356.150	3308.192	3303.859	3267.930	3492.263
[7209]	2997.261	3181.210	3270.371	3371.542	3123.619	3397.661	3292.058	3335.239
[7217]	3203.420	3282.577	3204.908	3319.311	3347.193	3179.130	3173.039	3222.169
[7225]	3074.135	3445.176	3357.779	3213.228	3383.260	3317.115	3239.684	3295.404
[7233]	3288.419	3210.686	3230.926	3381.332	3424.770	3310.174	3217.698	3335.613
[7241]	3165.206	3217.404	3417.987	3430.569	3427.365	3538.043	3277.787	3228.371
[7249]	3225.655	3191.220	3324.082	3210.037	3227.245	3275.312	3187.499	3167.151
[7257]	3203.785	3154.380	3338.489	3148.925	3302.365	3205.321	3250.668	3229.215
[7265]	3257.838	3202.223	3315.033	3332.498	3203.528	3313.061	3132.366	3190.054
[7273]	3209.363	3254.200	3060.595	3056.411	3471.526	3176.161	3247.472	3337.390
[7281]	3383.966	3086.826	3415.665	3339.511	3194.925	3050.848	3265.179	3366.792
[7289]	3139.226	3218.135	3263.056	3241.818	3128.874	3379.877	3135.847	3191.287
[7297]	3245.742	3383.121	3227.500	3077.126	2926.804	3198.895	3274.938	3371.004
[7305]	3246.038	3376.126	3268.045	3181.083	3405.051	3422.578	3452.601	3080.769
[7313]	3104.091	3103.698	3377.337	3250.804	3381.372	3287.299	3356.530	3385.934
[7321]	3268.365	3367.185	3210.236	3306.574	3424.292	3473.150	3436.846	3240.469
[7329]	3200.883	3339.157	3155.414	3363.512	3146.010	3313.138	3196.750	3327.971
[7337]	3296.355	3213.127	3279.678	3463.826	3434.306	3301.499	3441.572	3108.928
[7345]	3413.387	3539.083	3057.493	3370.158	3551.637	2967.040	2967.040	3466.355
[7353]	3475.887	3039.115	3147.810	3214.646	3107.689	3130.573	3249.964	3276.353
[7361]	3069.915	3243.577	3306.264	3369.867	3243.391	3415.672	3188.526	3226.184
[7369]	3229.368	3308.653	3204.287	3204.164	3209.538	3310.952	3198.318	3223.045
[7377]	3201.730	3203.514	3248.096	3233.525	3274.239	3115.667	3215.462	3391.329
[7385]	3061.337	3107.020	3229.461	3189.297	3363.889	3321.867	3140.225	3204.766
[7393]	3207.625	3416.855	3105.224	3186.615	3327.522	3411.700	3417.369	2954.398
[7401]	3165.810	3275.328	3312.779	3234.284	3123.193	3354.991	3207.131	3260.575
[7409]	3201.152	3254.758	3283.749	3084.881	3521.202	3279.007	3261.799	3219.595
[7417]	3336.706	3208.245	3123.618	3352.619	3192.488	3141.325	3180.814	3241.091
[7425]	3263.201	3150.716	3397.605	3186.490	3445.933	3467.104	3370.747	3142.158
[7433]	3004.182	3348.482	3253.884	3181.303	3167.859	3403.606	3386.864	3203.711
[7441]	3467.323	3433.870	3076.787	3436.301	3458.988	3067.557	3060.491	3177.439

[7449]	3100.100	3042.651	3029.600	3311.342	3131.312	2998.154	3069.466	3333.337
[7457]	3314.629	3095.783	3184.468	3332.283	3306.927	3229.403	3190.177	3182.377
[7465]	3340.115	3151.454	3159.356	3197.339	3271.203	3462.610	3168.484	3178.028
[7473]	3263.660	3189.085	3152.223	3284.243	3014.597	3192.630	3320.667	3258.455
[7481]	3233.919	3289.653	3239.676	3328.243	3341.643	3280.082	3223.126	3227.539
[7489]	3380.711	3372.133	3177.817	3226.243	3210.314	3230.629	3268.030	3253.562
[7497]	3277.427	3292.695	3270.229	3151.905	3173.554	3222.850	3336.716	3307.410
[7505]	3199.072	3356.166	3356.434	3147.944	3349.281	3353.777	3213.461	3240.685
[7513]	3303.420	3495.197	3274.708	3401.405	3312.932	3298.707	3220.760	3297.001
[7521]	3267.414	3250.736	3607.956	3282.414	3237.041	3186.381	3375.595	3327.031
[7529]	3473.897	3446.543	3502.278	3390.950	3271.022	3206.487	3250.890	3242.504
[7537]	3454.937	3053.521	3467.160	3021.726	3575.568	3305.516	3340.336	3394.360
[7545]	3290.619	3141.739	3237.163	3241.453	3173.475	3031.546	3320.432	3279.026
[7553]	3361.259	3096.247	3426.573	3101.345	3429.077	3095.017	3499.114	3188.828
[7561]	3045.368	3045.368	3401.088	3266.057	3291.671	3422.238	3021.615	3381.237
[7569]	3136.793	3114.673	3245.078	3279.584	3472.078	3055.347	3496.762	3458.444
[7577]	3337.416	3347.946	3338.848	3249.205	3183.401	3171.712	3377.827	3154.268
[7585]	3203.685	3130.176	3116.618	3205.295	3250.014	3303.946	3034.657	3241.677
[7593]	3154.126	3157.850	3246.107	3230.117	3265.585	3307.770	3175.399	3230.846
[7601]	3369.414	3107.179	3268.992	3245.117	3213.159	3181.856	3420.485	3337.444
[7609]	3441.551	3224.686	3218.662	3201.054	3408.608	3502.563	2933.450	3274.202
[7617]	3306.101	3300.373	3298.828	3174.329	3193.485	3288.535	3235.782	3278.478
[7625]	3229.400	3242.488	3256.914	3362.595	2897.412	3298.295	3410.216	3233.571
[7633]	3197.573	3242.032	3399.353	3478.355	3326.921	3296.611	3634.203	3632.027
[7641]	3266.210	3255.256	3271.334	3283.916	3276.827	3242.659	3394.657	3384.448
[7649]	3502.960	3130.705	3102.792	3108.539	3097.084	3356.367	3158.602	3323.655
[7657]	3212.960	3293.906	3306.064	3228.760	3262.954	3198.690	3254.834	3362.740
[7665]	3167.271	3456.974	3429.214	3221.185	3292.877	3235.267	3179.098	3199.533
[7673]	3314.666	3278.354	3189.806	3332.967	3349.268	3399.121	3235.692	3319.292
[7681]	3129.114	3181.343	3339.542	3246.693	3053.146	3474.625	3059.074	3435.093
[7689]	3385.614	3445.178	3357.754	3212.805	3297.533	3234.257	3283.304	3279.563
[7697]	3205.224	3266.864	3122.563	3082.085	3210.121	3288.465	3207.449	3189.790
[7705]	3226.889	3176.917	3344.779	3190.644	3418.079	3282.707	3448.173	3071.959
[7713]	3103.388	3175.731	3234.755	3531.551	3513.765	3003.517	3067.894	3226.845
[7721]	3187.252	3301.126	3276.869	3300.575	3226.932	3321.633	3216.274	3169.839
[7729]	3281.368	3209.492	3394.373	3122.712	3177.737	3220.886	3308.591	3343.644
[7737]	3172.817	3352.794	3159.550	2970.102	3320.747	3257.460	3122.693	3061.195
[7745]	3212.899	3181.489	3214.246	3159.896	3268.922	3199.988	3443.355	3288.363
[7753]	3109.905	3252.316	3330.782	3287.823	3235.031	3186.360	3218.625	3237.875
[7761]	3280.021	3318.598	3374.432	3455.270	3096.991	3244.147	3307.878	3208.144
[7769]	3477.227	3189.132	3135.193	3372.760	3330.298	3320.245	3323.859	3294.945
[7777]	3178.160	3251.376	3177.926	3210.802	3362.513	3305.314	3318.336	3326.095
[7785]	3334.989	3132.624	3131.011	3510.744	3415.936	3052.137	3366.877	3313.501

[7793]	3263.351	3190.546	3421.805	3292.971	3302.291	3223.058	3133.749	3318.187
[7801]	3207.026	3188.425	3297.843	3205.745	3405.790	3104.159	3106.088	3195.066
[7809]	3165.284	3236.573	3275.720	3336.413	3374.237	3115.065	3343.260	3397.734
[7817]	3361.595	3199.071	3174.591	3056.645	3179.106	3384.410	3284.141	3268.079
[7825]	3238.944	3277.732	3266.388	3264.780	3213.049	3081.721	3031.570	3049.889
[7833]	3377.994	3071.184	3367.023	3181.072	3245.538	3151.548	3418.567	3142.296
[7841]	3491.844	3373.125	3279.428	3176.576	3284.351	3335.322	3279.322	3128.473
[7849]	3312.562	3109.144	3408.213	3326.066	3306.071	3293.728	3227.573	3165.475
[7857]	3188.650	3037.349	3517.484	3272.166	3250.385	3194.902	3400.590	3365.103
[7865]	3387.508	3204.664	3423.422	3092.080	3321.918	3315.083	3204.266	3199.385
[7873]	3244.544	3269.913	3333.234	3253.722	3207.996	3226.063	3088.647	3025.127
[7881]	3185.141	3295.705	3225.232	3142.014	3231.083	3253.700	3288.848	3277.213
[7889]	3159.062	3364.148	3108.992	3337.441	3417.502	3513.448	3020.700	3485.838
[7897]	3565.166	3379.668	3253.323	3268.833	3288.631	3242.628	3227.710	3323.901
[7905]	3200.812	3358.287	3324.568	3119.952	3008.859	3311.429	3324.041	3517.894
[7913]	3118.805	3421.307	3095.922	3283.127	3238.136	3318.492	3075.707	3209.084
[7921]	3123.640	3170.249	3084.854	3219.520	3070.250	3125.225	3179.305	3361.839
[7929]	3157.544	3301.219	3335.355	3166.500	3314.224	3241.503	3041.392	3065.411
[7937]	3401.403	3054.383	3171.005	3341.613	3355.796	3403.658	3159.493	3279.715
[7945]	3196.806	3271.806	3326.256	3356.923	3129.391	3124.140	3350.970	3173.406
[7953]	3177.601	3295.291	3092.091	3130.643	3380.631	3125.086	3373.063	3111.900
[7961]	3369.860	3424.597	3099.452	3056.722	3360.984	3246.048	3417.391	3411.661
[7969]	3127.168	3162.504	3227.332	3198.052	3373.295	3242.217	3351.851	3226.491
[7977]	3098.222	3204.110	3329.843	3208.237	3412.969	3386.370	3129.984	3421.321
[7985]	3438.261	3476.875	3116.041	3221.811	2976.510	2900.947	3029.548	3498.434
[7993]	3323.518	3285.928	3215.871	3256.196	3233.518	3207.802	3265.640	3230.650
[8001]	3069.910	3611.082	3401.478	3357.536	3413.630	3097.170	3266.914	3258.013
[8009]	3293.199	3200.798	3028.864	3143.522	3244.320	3345.521	3191.201	3385.485
[8017]	3180.969	3264.879	3329.594	3160.835	3321.548	3320.612	3263.017	3293.291
[8025]	3078.329	3159.486	3180.707	3318.307	3271.436	3240.332	3304.813	3176.961
[8033]	3231.068	3288.369	3357.061	3212.115	3110.417	3046.730	3406.362	3352.242
[8041]	3213.775	3176.601	3366.546	3308.403	3282.016	3345.293	3343.308	3407.574
[8049]	3179.339	3141.031	3393.670	3111.915	2970.088	3400.060	3088.425	3298.713
[8057]	3235.126	3243.930	3228.689	3276.901	3294.908	3372.911	3538.898	3357.359
[8065]	3097.535	3537.308	3138.674	3400.871	3263.674	3211.141	3312.024	3294.127
[8073]	3222.130	3203.814	3249.115	3179.656	3402.305	3375.239	3196.215	3429.956
[8081]	3262.613	3330.252	3184.257	3187.349	3375.482	3197.806	3276.919	3122.537
[8089]	3118.251	3379.382	3248.370	3354.289	3367.166	3237.334	3123.000	3359.443
[8097]	3335.559	3295.598	3283.139	3268.554	3180.295	3209.530	3385.541	3236.570
[8105]	3052.409	3113.037	3149.565	3347.003	3483.525	3335.058	3209.067	3358.035
[8113]	3355.847	3244.580	3153.016	3362.037	3298.628	3143.120	3220.082	3321.916
[8121]	3222.410	3318.230	3182.828	3243.303	3194.793	3371.064	3215.283	3215.126
[8129]	3284.049	3296.756	3398.886	3085.796	3225.398	3359.856	3125.313	3338.717

[8137]	3106.865	3402.786	3272.390	3259.708	3272.869	3203.044	3161.223	3234.291
[8145]	3217.224	3127.046	3201.194	3402.727	3256.349	3309.244	3219.076	3208.951
[8153]	3306.310	3355.027	3199.826	3208.112	3187.021	3251.087	3312.395	3290.187
[8161]	3261.127	3186.013	3323.667	3271.112	3222.082	3283.571	3169.959	3295.857
[8169]	3160.561	3302.635	3239.795	3296.486	3198.447	3160.858	3248.326	3593.946
[8177]	3318.726	3283.249	3327.006	3203.013	3314.369	3217.973	3168.484	2987.566
[8185]	3213.359	3190.207	3269.090	3230.031	3275.597	3365.738	3235.099	3239.118
[8193]	3445.823	3105.002	3352.751	3369.242	3148.919	3317.620	3083.666	3387.535
[8201]	3138.366	3081.735	3084.731	3340.205	3192.244	3350.564	3306.682	3268.031
[8209]	3281.783	3289.968	3159.856	3429.707	3109.461	3315.233	3123.500	3153.245
[8217]	3356.684	3257.960	3240.170	3322.215	3304.426	3263.263	3311.775	3267.877
[8225]	3416.648	3086.350	3444.084	3388.399	3174.965	3170.518	3317.831	3202.778
[8233]	3268.989	3142.848	3087.557	3510.031	3399.234	3129.888	3396.007	3096.820
[8241]	3252.324	3290.304	3191.686	3251.037	3264.798	3334.978	3217.758	3434.766
[8249]	3110.862	3124.443	3312.859	3276.056	3333.603	3197.919	3182.204	3285.720
[8257]	3260.423	3333.208	3358.699	3189.846	3413.065	3111.088	3032.996	3304.732
[8265]	3159.282	3221.186	3241.959	3262.764	3207.233	3094.267	3020.907	3261.463
[8273]	3160.895	2973.375	2956.390	3091.034	3440.933	3100.494	3369.567	3490.333
[8281]	3283.409	3556.278	3355.972	3398.788	3497.728	3316.618	3224.899	3307.023
[8289]	3188.211	3215.631	3221.992	3240.117	3052.412	3465.463	3545.742	3432.530
[8297]	3291.662	3136.154	3283.303	3231.658	3332.737	3345.194	3227.955	3321.409
[8305]	3165.580	3161.746	3185.353	3207.918	3333.487	3290.203	3214.434	3326.995
[8313]	3269.350	3346.146	3136.458	3152.654	3354.901	3211.675	3062.410	3432.563
[8321]	3168.296	3270.594	3116.759	3164.847	3367.675	3232.666	3131.246	3320.320
[8329]	3095.048	3465.991	3260.781	3287.178	3315.686	3215.461	3338.555	3377.540
[8337]	3325.032	3250.588	3169.818	3300.238	3108.337	3476.208	3020.379	3478.356
[8345]	3238.961	3190.604	3199.101	3248.350	3379.597	3148.530	3160.351	3280.113
[8353]	3193.437	3207.615	3271.267	3352.063	3233.147	3238.513	3211.329	3199.336
[8361]	3152.822	3333.240	3210.304	3133.386	3425.910	3171.903	3295.581	3301.641
[8369]	3355.367	3173.597	3069.745	3222.569	3385.272	3087.123	3487.257	2872.387
[8377]	3488.679	2990.399	3283.507	3263.038	3219.790	3228.032	3066.157	3359.320
[8385]	3219.086	3248.652	3258.827	3373.650	3252.115	3294.560	3167.667	3212.007
[8393]	3389.346	3369.596	3101.183	3121.625	3177.593	3349.654	3175.068	3384.636
[8401]	3143.363	3296.860	3207.568	3316.864	3220.817	3240.460	3268.554	3317.760
[8409]	3287.085	3227.982	3392.043	3395.538	3240.888	3235.763	3229.958	3221.430
[8417]	3165.694	3311.684	3315.923	3324.978	3419.714	3368.788	3359.118	3364.220
[8425]	3175.717	3157.652	3280.278	3301.888	3259.497	3298.158	3159.487	3335.335
[8433]	3291.126	3315.847	3331.916	3256.220	3259.985	3151.899	3238.949	3210.011
[8441]	3283.778	3297.817	3306.911	3267.495	3205.573	3348.253	3389.926	3194.569
[8449]	3109.087	3118.400	3126.258	3119.090	3205.569	3056.600	3088.719	3356.003
[8457]	3289.210	3189.716	3098.534	3233.374	3191.058	3187.745	3198.408	3185.909
[8465]	3197.823	3257.145	3412.408	3254.694	3095.059	3049.514	3092.552	3184.301
[8473]	3326.157	3502.143	3402.576	3095.518	3063.123	3371.509	3263.142	3277.494

[8481]	3243.284	3391.689	3332.023	3155.906	3334.234	3260.619	3141.275	3370.515
[8489]	3323.668	3254.691	3212.513	3325.960	3231.282	3312.192	3146.467	3227.585
[8497]	3199.603	3434.771	3408.885	3295.170	3231.602	3189.869	3320.662	3273.338
[8505]	3532.468	3121.820	3368.466	3140.635	3176.094	3255.996	3375.457	3065.420
[8513]	3457.540	3065.650	3133.006	3371.424	3126.029	3317.599	3167.156	3232.797
[8521]	3225.638	3306.415	3417.399	3235.636	3331.452	3135.329	3282.262	3318.815
[8529]	3269.090	3191.592	3246.279	3312.256	3243.549	3416.269	3285.088	3311.037
[8537]	3235.048	3192.616	3349.688	3216.671	3312.626	3206.426	3204.405	3245.663
[8545]	3117.827	3439.374	3052.080	3438.547	2996.418	3250.273	3271.072	3139.570
[8553]	3366.419	3385.380	3122.124	3251.762	3202.736	3362.276	3524.570	3308.505
[8561]	3338.478	3241.434	3201.611	3072.911	3436.109	3086.444	3061.865	3294.004
[8569]	3150.055	3202.153	3337.201	3116.311	3317.218	3318.194	3250.773	3237.799
[8577]	3201.815	3281.783	3129.408	3348.677	3281.742	3251.861	3291.741	3365.408
[8585]	3231.274	3176.659	3228.081	3235.578	3228.172	3293.435	3138.306	3375.447
[8593]	3364.936	3212.603	3235.419	3136.618	3386.048	3115.411	3396.179	3414.543
[8601]	3348.787	3158.962	3315.312	3326.838	3211.682	3241.851	3352.484	3098.050
[8609]	3405.067	3333.812	3289.789	3212.876	3260.206	3345.352	3124.296	3314.288
[8617]	3234.239	3247.993	3277.860	3240.981	3304.415	3282.370	3250.763	3037.070
[8625]	3495.118	3472.281	3378.974	3175.105	3262.454	3144.003	3095.918	3487.226
[8633]	3315.378	3337.993	3169.427	3213.627	3165.866	3374.414	3215.197	3244.655
[8641]	3306.872	3302.653	3225.152	3182.143	3187.307	3184.635	3087.731	3171.247
[8649]	3346.573	3177.132	3367.608	3341.873	3290.812	3179.185	3218.555	3135.004
[8657]	3133.831	3206.415	3050.909	3078.850	3105.541	3397.180	3451.073	3434.672
[8665]	3531.374	3485.173	3303.694	3239.533	3339.764	2977.244	3230.957	3200.106
[8673]	3162.433	3192.153	3151.840	3281.492	3174.117	3154.970	3286.105	3222.473
[8681]	3318.040	3380.785	3362.212	3176.232	3350.535	3331.761	3162.899	3267.868
[8689]	2989.055	3405.426	3131.793	3279.087	3338.384	3222.325	3365.333	2950.092
[8697]	3501.950	3340.483	3358.436	3126.275	3322.069	3340.283	3383.826	3150.670
[8705]	3334.063	3312.179	3349.712	3251.346	3282.047	3213.111	3298.315	3364.883
[8713]	3350.106	3137.174	3279.294	3295.709	3339.094	3432.956	3153.064	3249.763
[8721]	3263.385	3157.079	3193.060	3352.800	3400.685	3319.180	3311.790	3418.639
[8729]	3150.760	3125.589	3256.872	3462.729	3323.637	3211.938	3371.728	3140.928
[8737]	3184.957	3345.062	3414.438	2990.990	3044.367	3161.562	3288.083	3317.701
[8745]	3170.928	3358.266	3241.628	3356.734	3191.587	3458.886	3213.520	3336.684
[8753]	3099.877	3125.465	3412.336	3289.927	3288.278	3262.374	3135.325	3225.769
[8761]	3213.992	3275.431	3581.577	2995.240	3035.329	3332.921	3135.459	3429.951
[8769]	2955.520	3215.665	3097.884	3149.855	3382.463	3220.425	3254.457	3108.545
[8777]	3095.822	3206.433	3094.650	2989.806	3567.385	3188.828	3364.330	3375.833
[8785]	3121.211	3132.031	3351.928	3182.094	3270.954	3249.018	3238.390	3215.594
[8793]	3285.596	3306.511	3195.817	3153.897	3222.092	3351.405	3274.055	3135.429
[8801]	3364.997	3143.586	3078.167	3004.798	3372.753	3164.313	3422.794	3220.932
[8809]	3183.263	2987.158	3490.844	3269.336	3362.934	3229.779	3129.382	3389.321
[8817]	3142.560	3321.370	3203.128	3118.944	3340.620	3352.328	3123.325	3479.578

[8825]	3312.800	3268.354	3246.127	3204.020	3306.997	3192.385	3196.332	3123.461
[8833]	3365.639	3541.210	3342.451	3328.608	3265.604	3233.306	3299.611	3146.811
[8841]	3305.623	3288.727	3316.145	3216.732	3156.992	3295.780	3407.214	3156.510
[8849]	3275.312	3287.634	3259.821	3335.918	3210.414	3232.377	3271.985	3268.679
[8857]	3139.345	3214.589	3211.063	3304.378	3187.582	3350.941	3309.229	3306.248
[8865]	3137.344	3297.865	3259.606	3235.643	3343.067	3194.247	3289.763	3286.533
[8873]	3234.876	3311.754	3373.573	3298.536	3293.048	3353.243	3292.684	3358.515
[8881]	3214.599	3196.358	3230.556	3182.029	3166.871	3244.361	3101.288	3314.160
[8889]	3174.326	3189.020	3230.436	3463.791	3106.871	3389.741	3162.639	3376.616
[8897]	3129.893	3242.998	3250.404	3195.277	3096.343	3236.887	3369.536	3392.141
[8905]	3167.016	3220.174	3287.763	3202.729	3250.549	3249.425	3120.376	3180.109
[8913]	3415.401	3396.342	3141.049	3350.810	3288.050	3108.280	3184.851	3137.816
[8921]	3337.288	3203.268	3312.960	3385.893	3262.165	3261.563	3163.614	3337.175
[8929]	3307.700	3257.539	3448.635	3404.675	3554.182	3454.004	3010.902	3066.718
[8937]	3235.359	3211.127	3296.272	3144.392	3254.872	3484.167	3478.955	3444.275
[8945]	3077.720	3452.134	3063.058	3468.809	3053.091	3085.131	3317.784	3337.352
[8953]	3193.194	3306.423	3214.940	3278.931	3186.895	3185.373	3298.160	3056.544
[8961]	3052.857	2981.705	3134.442	3311.290	3261.694	3267.815	3127.699	3379.425
[8969]	3148.301	3097.230	3101.157	3058.130	3180.303	3278.240	3391.217	3128.752
[8977]	3284.606	3462.708	3184.379	3300.525	3203.726	3267.313	3117.750	3327.489
[8985]	3119.550	3396.911	3209.770	3269.122	3159.246	3399.771	3288.179	3296.540
[8993]	3328.725	3217.279	3277.812	3225.456	3313.861	3188.088	3301.192	3195.124
[9001]	3341.543	3313.947	3265.466	3447.297	3115.933	3287.074	3192.013	3440.945
[9009]	3274.788	3261.590	3277.032	3419.907	3188.000	3168.600	3330.365	3357.829
[9017]	3431.480	3226.844	3292.070	3180.893	3349.850	3269.962	3229.077	3377.100
[9025]	3188.526	3178.475	3447.033	3360.056	3214.294	3213.364	3126.746	3200.316
[9033]	3278.234	3312.257	3273.622	3129.827	3147.946	3378.026	3259.673	3286.638
[9041]	3326.381	3309.881	3156.445	3315.627	3600.124	3472.788	3099.569	3288.969
[9049]	3157.771	3196.016	3313.269	3111.807	3341.228	3396.154	3259.276	3259.186
[9057]	3205.486	3302.092	3380.960	3138.228	3148.846	3315.951	3190.330	3283.968
[9065]	3168.537	3366.672	3317.784	3313.917	3223.876	3373.022	3163.380	3232.387
[9073]	3289.933	3281.538	3228.671	3253.373	3178.387	3154.511	3391.755	3206.273
[9081]	3180.491	3201.421	3334.468	3338.351	3231.748	3326.044	3372.825	3272.305
[9089]	3205.464	3416.000	3090.107	3337.983	3250.369	3222.381	3265.606	3169.754
[9097]	3365.080	3377.465	3352.727	3113.133	3205.181	3308.377	3232.933	3309.688
[9105]	3136.695	3277.633	3188.796	3378.249	3398.961	3099.046	3363.858	3225.144
[9113]	3356.361	3070.251	3527.046	2999.871	3109.910	3410.511	3153.109	3282.639
[9121]	3077.453	3105.357	3083.015	3354.563	3327.005	3291.402	3356.312	3148.655
[9129]	3312.306	3231.298	3191.860	3297.637	3250.440	3374.981	3474.473	3351.744
[9137]	3183.952	3155.703	3251.061	3228.019	3187.748	3153.756	3281.901	3233.112
[9145]	3387.287	3342.814	3210.881	3174.049	3191.128	3402.606	3347.353	3276.691
[9153]	3022.005	3393.355	3239.867	3316.886	3150.468	3254.415	3199.848	3157.894
[9161]	3385.218	3408.743	3324.833	3161.769	3453.209	3325.746	3555.074	3049.729

[9169]	3097.387	3419.383	3416.904	3302.075	3170.743	3314.136	3370.201	3384.711
[9177]	3175.504	3111.407	3240.339	3341.247	3236.244	3241.706	3153.836	3542.759
[9185]	3245.314	3230.119	3481.780	3029.548	3154.704	3255.618	3291.245	3278.064
[9193]	3354.719	3126.981	3243.091	3323.933	3376.663	3352.334	3404.466	3362.478
[9201]	3284.733	3275.565	3279.988	3145.889	3392.340	3404.138	3186.454	3377.835
[9209]	3480.535	3447.851	3133.681	3132.261	3154.134	3091.334	3437.876	3311.309
[9217]	3239.346	3347.703	3323.920	3161.066	3440.280	3197.493	3274.997	3320.822
[9225]	3228.817	3282.175	3177.624	3345.297	3182.501	3297.529	3110.784	3443.398
[9233]	3325.308	3185.683	3119.832	3387.413	3372.773	3301.690	3433.000	3151.884
[9241]	3267.331	3280.871	3068.542	3224.009	3274.861	3175.610	3299.058	3307.199
[9249]	3246.233	3256.463	3289.736	3320.215	3257.177	3206.431	3302.359	3343.800
[9257]	3311.401	3159.635	3265.802	3028.764	3031.539	3461.521	3167.450	3229.838
[9265]	3394.590	3322.390	3236.493	3228.691	3281.876	3392.376	3050.325	3281.925
[9273]	3234.292	3178.447	3333.474	3244.146	3169.360	2941.266	2904.809	3234.898
[9281]	3303.178	3255.771	3321.264	3248.168	3251.913	3334.066	3299.170	3187.869
[9289]	3142.079	3342.001	3296.000	3183.619	3290.493	3259.335	3305.946	3347.012
[9297]	3300.369	3197.498	3281.462	3258.440	3284.860	3261.697	3304.167	3174.426
[9305]	3164.176	3366.064	3107.549	3111.144	3384.989	3315.783	3292.763	3152.006
[9313]	3370.747	3388.804	3160.467	3271.943	3186.321	3199.732	3239.613	2967.774
[9321]	3168.921	3294.668	3283.668	3260.083	3223.889	3208.321	3319.109	3298.215
[9329]	3262.976	3383.713	3169.714	3277.458	3270.324	3057.846	3128.062	3231.052
[9337]	3223.716	3406.044	3387.122	3329.707	3299.321	3224.826	3339.037	3227.070
[9345]	3321.498	3183.890	3326.061	3329.107	3225.829	3368.246	3416.040	3372.907
[9353]	3266.669	3171.784	3253.950	3262.577	3307.078	3195.601	3197.835	3297.371
[9361]	3355.057	3176.292	3220.572	3250.522	3324.898	3335.264	3357.942	3343.685
[9369]	3068.835	3176.080	3199.652	3296.401	3350.461	3238.705	3265.490	3281.056
[9377]	3256.279	3216.841	3173.387	3310.939	3187.919	3308.682	3216.305	3277.591
[9385]	3274.877	3261.415	3213.086	3476.031	3162.867	3225.230	3025.471	3202.979
[9393]	3214.992	3442.902	3432.620	3156.792	3155.203	3104.970	3174.914	3286.270
[9401]	3258.771	3328.458	3153.502	3278.836	3274.016	3291.243	3345.178	3006.972
[9409]	3595.222	3295.669	3339.589	3272.528	3297.523	3178.834	3178.207	3226.637
[9417]	3183.041	3296.245	3344.028	3283.210	3396.065	3065.904	3274.301	3215.265
[9425]	3234.182	3311.712	3171.359	3359.234	3129.770	3248.835	3244.787	3350.591
[9433]	3167.014	3312.997	3248.574	3328.897	3382.916	3199.511	3288.337	3179.144
[9441]	3274.628	3266.800	3132.153	3266.724	3163.764	3322.697	3118.985	3294.183
[9449]	3220.843	3281.722	3149.550	3502.318	3054.550	3437.414	3264.491	3218.087
[9457]	3333.684	3267.391	3224.644	3427.677	3346.327	3416.080	3094.434	3062.209
[9465]	3364.844	3261.226	3237.385	3249.322	3353.489	3251.390	3120.677	3382.161
[9473]	3208.249	3268.870	3350.921	3326.302	3176.558	3361.309	3169.648	3400.579
[9481]	3177.479	3358.273	3165.493	3404.548	3511.244	3045.808	3236.879	3384.342
[9489]	3369.733	3464.304	3216.055	3371.346	3126.197	3185.467	3174.747	3330.868
[9497]	3320.906	3380.835	3080.402	3009.952	3243.589	3256.127	3295.309	3269.588
[9505]	3239.298	3135.327	3167.990	3181.392	3116.808	3104.179	3134.698	3212.567



[9513]	3236.101	3291.840	3383.449	3348.607	3436.556	3405.180	3256.428	3270.105
[9521]	3272.400	3170.863	3298.999	3301.730	3197.761	3240.807	3562.165	3348.649
[9529]	3133.682	3349.885	3314.942	3185.664	3061.918	3003.902	3398.770	3157.338
[9537]	3458.805	3078.646	3260.450	3324.727	3265.865	3221.778	3292.664	3211.907
[9545]	3365.749	3392.153	3297.884	3280.560	3198.192	3313.396	3221.850	3243.747
[9553]	3178.213	3145.399	3295.471	3284.784	3259.353	3325.524	3357.713	3277.963
[9561]	3243.215	3377.583	3134.622	3403.586	3376.891	3177.473	3272.819	3247.563
[9569]	3398.082	3407.141	3399.227	3385.100	3158.913	3387.580	3130.767	3041.057
[9577]	3535.238	3163.600	3219.965	3301.691	3288.254	3311.227	3289.450	3151.814
[9585]	3275.144	3280.607	3250.443	3233.820	3341.188	3324.164	3109.354	3293.307
[9593]	3171.055	3224.070	3024.168	3069.941	3113.417	3302.059	3289.692	3206.204
[9601]	3276.435	3327.167	3336.149	3097.156	3080.896	3144.292	3223.528	3409.574
[9609]	3120.883	3218.867	3285.774	3343.581	3165.700	3138.259	3342.614	3239.052
[9617]	3123.322	3253.555	3184.691	3393.216	3281.034	3212.558	3185.729	3355.947
[9625]	3188.581	3213.356	3207.875	3326.563	3213.863	3207.262	3324.047	3421.542
[9633]	3087.958	3235.378	3206.866	3268.990	3309.467	3317.734	3159.213	3246.949
[9641]	3216.958	3269.670	3372.604	3472.281	3448.680	3107.896	3411.890	3357.765
[9649]	3176.359	3252.827	3253.369	3174.538	3372.788	3247.097	3341.790	3105.225
[9657]	3107.849	3301.214	3380.988	3266.796	3387.289	3159.039	3183.071	3332.986
[9665]	3380.332	3260.241	3112.069	3316.829	3140.201	3363.760	3357.846	3267.053
[9673]	3293.366	3351.885	3533.453	3477.671	2993.306	3543.335	3383.731	3118.383
[9681]	3381.227	3391.223	3117.006	3178.677	3091.502	3069.550	3257.690	3228.510
[9689]	3307.020	3139.148	3092.811	3458.478	3024.423	2899.155	3546.160	3469.667
[9697]	3429.978	3353.199	3139.028	3417.167	3090.966	3189.222	3537.634	2948.500
[9705]	2981.740	3464.081	3033.687	3196.240	3234.159	3218.418	3318.381	3158.155
[9713]	3096.858	3221.274	3247.683	3050.057	3472.123	3076.456	3199.205	3318.845
[9721]	3206.530	3430.502	3334.796	3256.303	3299.566	3209.454	3138.906	3053.858
[9729]	3113.133	3271.246	3256.259	3178.684	3129.086	3379.855	3193.106	3199.148
[9737]	3253.026	3274.842	3292.695	3200.076	3222.136	3163.467	3335.754	3464.013
[9745]	3288.470	3275.910	3213.579	3269.893	3332.073	3369.987	3105.149	3213.980
[9753]	3247.110	3303.940	3285.269	3266.451	3239.981	3286.159	3210.353	3176.476
[9761]	3216.857	3010.323	3096.820	3401.181	3075.341	3381.246	3388.204	3260.122
[9769]	3319.656	3268.819	3337.134	3350.813	3117.679	3394.638	3197.774	3356.276
[9777]	3145.060	3255.950	3416.741	3520.198	3254.158	3098.199	3429.905	2994.800
[9785]	3361.986	3191.081	3284.628	3266.118	3182.179	3229.864	3177.056	3044.883
[9793]	3299.411	3229.253	3351.568	3179.081	3383.618	3292.436	3273.959	3140.835
[9801]	3437.714	3094.411	3277.303	3256.384	3233.836	3256.941	3282.909	3155.657
[9809]	3239.916	3147.817	3147.624	3169.799	3373.033	3165.451	3223.434	3238.641
[9817]	3122.328	3392.437	3162.387	3382.213	3204.569	3259.997	3158.091	3372.183
[9825]	3155.877	3105.279	3163.102	3113.881	3105.230	3104.341	3275.630	3351.262
[9833]	3457.619	3160.774	3130.618	3355.415	3314.637	3374.276	3239.432	3250.727
[9841]	3219.306	3352.033	2946.601	3154.416	3395.462	3203.561	3221.405	3154.312
[9849]	3322.145	3138.353	3365.424	3330.849	3303.782	3416.323	3087.803	3094.933

[9857]	3102.931	3082.857	3306.117	3423.735	3506.985	3008.418	3400.865	3402.382
[9865]	3332.279	3215.362	3240.004	3387.164	3182.138	3308.786	3394.381	3127.762
[9873]	3117.411	3029.011	3363.070	3338.401	3290.854	3251.385	3266.880	3268.187
[9881]	3297.743	3269.470	3163.286	3301.359	3010.335	3366.215	3259.750	3340.855
[9889]	3295.043	3200.871	3213.223	3236.110	3229.651	3174.720	3415.292	3294.193
[9897]	3436.442	3106.654	3402.607	3236.472	3184.975	3379.862	3222.164	3312.365
[9905]	3234.277	3436.067	3273.230	3321.203	3199.005	3276.989	3067.303	3369.684
[9913]	3259.973	3220.255	3316.164	3230.138	3313.384	3284.378	3198.305	3246.946
[9921]	3228.630	3345.945	3227.284	3188.982	3351.358	3176.420	3312.804	3241.148
[9929]	3389.497	3406.377	3073.250	3337.356	3194.178	3167.174	3299.121	3065.141
[9937]	3340.885	3429.285	3124.770	3219.741	3266.123	3215.780	3309.396	3257.929
[9945]	3262.053	3197.983	3128.988	3357.367	3368.105	3120.403	3072.261	3343.155
[9953]	3272.043	3383.297	3266.894	3127.473	3194.418	3074.934	3413.490	3009.316
[9961]	3489.441	3438.238	2954.425	3056.868	3060.080	3283.680	3298.732	3303.066
[9969]	3330.993	3144.130	3313.119	3278.610	3268.840	3246.161	3448.839	3414.539
[9977]	3432.892	2987.137	3543.145	3273.239	3245.056	3155.540	3313.257	3213.177
[9985]	3346.770	3298.224	3316.687	3395.697	3214.692	3121.522	3404.625	3096.845
[9993]	3302.165	3244.048	3283.616	3305.798	3238.015	3380.552	3453.489	3050.476
[10001]	3337.588	3054.860	3131.706	3264.957	3199.263	3264.262	3214.849	3312.946
[10009]	3191.737	3291.713	3426.304	3348.786	3298.644	3139.572	3190.040	3281.427
[10017]	3314.503	3126.822	3188.924	3161.284	3147.487	3208.087	3339.729	3347.939
[10025]	3111.516	3069.633	3317.766	3347.263	3313.583	3329.969	3357.283	3261.726
[10033]	3067.608	3262.039	3358.492	3328.220	3234.171	3248.604	3215.664	3303.093
[10041]	3237.522	3172.101	3351.234	3052.619	3277.791	3319.635	3131.010	3121.502
[10049]	3440.519	3288.262	3247.546	3295.167	3346.697	3325.947	3235.349	3289.204
[10057]	3404.482	3210.462	3274.132	3303.668	3365.498	3232.074	3443.675	3190.372
[10065]	3302.684	3232.035	3236.411	3107.080	3128.701	3406.312	3340.677	3396.999
[10073]	3403.718	3390.894	3045.292	3064.532	3413.241	3281.958	3362.485	3350.976
[10081]	3258.095	3201.941	3448.194	3432.587	3075.672	3394.187	3153.024	3322.199
[10089]	3219.121	3331.300	3443.632	3150.991	3320.010	3453.974	3305.871	3277.380
[10097]	3298.441	3264.237	3310.403	3289.030	3350.690	3298.841	3340.643	3229.051
[10105]	3429.904	3148.296	3394.866	3278.517	3312.773	3023.225	3114.140	3405.589
[10113]	3220.088	3178.965	3396.320	3344.067	3204.053	3310.288	2954.899	2982.753
[10121]	3567.808	3017.919	3207.356	3076.902	3231.041	3165.731	3372.843	3116.594
[10129]	3425.383	3185.701	3295.290	3265.032	3232.115	3289.942	3232.121	3226.952
[10137]	3343.442	3306.559	3237.368	3177.456	3389.009	3283.435	3175.417	3353.440
[10145]	3252.624	3164.631	3215.655	3302.448	3229.672	3310.066	3242.702	3119.474
[10153]	3143.639	3337.908	3296.445	3196.037	3132.259	3116.256	3333.355	3074.322
[10161]	3142.344	3264.051	3079.343	3363.483	3176.146	3175.813	3504.950	3563.163
[10169]	3085.437	3254.362	3238.699	3319.044	3229.327	3132.934	3122.533	3079.977
[10177]	3115.195	3435.630	3178.618	3025.419	3276.092	3398.376	3145.757	3184.189
[10185]	3009.930	3444.713	3117.866	3138.935	3060.538	3392.600	3461.951	3079.551
[10193]	3305.975	3335.913	3203.496	3176.101	3291.388	3312.526	3204.780	3300.042

[10201]	3155.020	3399.358	3520.975	2997.358	3596.385	3330.998	3160.771	3107.021
[10209]	3201.836	3252.832	3241.745	3306.064	3366.271	3287.710	3401.808	3220.348
[10217]	3294.565	3265.262	3151.680	3132.632	3124.664	3104.179	3158.307	3409.803
[10225]	3193.695	3218.078	3197.617	3399.590	3131.509	3393.504	3414.227	3087.340
[10233]	3348.833	3171.204	3190.643	3367.424	3312.661	3183.194	3297.832	3194.370
[10241]	3153.391	3393.134	3355.019	3207.304	3327.001	3452.754	3095.680	3253.534
[10249]	3237.784	3184.847	3136.897	3185.916	3093.975	3213.836	3423.999	3233.523
[10257]	3352.397	3176.305	3330.994	3369.129	3182.125	3270.917	3096.873	3296.899
[10265]	3315.576	3238.656	3445.740	3325.643	3146.930	3052.792	3080.522	3133.232
[10273]	3271.767	3284.033	3073.948	3422.361	3122.429	3135.532	3292.750	3188.710
[10281]	3090.136	3293.922	3163.902	3127.030	3541.349	3139.468	3281.311	3216.635
[10289]	3183.536	3223.375	3345.311	3404.215	3049.971	3221.313	3285.007	3281.802
[10297]	3256.314	3264.492	3042.585	3336.960	3303.039	3375.573	3022.500	3292.619
[10305]	3262.298	3146.662	3189.653	3271.303	3424.312	3438.945	3243.733	3200.458
[10313]	3096.012	3413.180	3201.764	3172.587	3368.496	3334.643	3189.603	3248.540
[10321]	3168.120	3107.832	3449.411	3381.613	3190.009	3273.697	3393.369	3341.246
[10329]	3326.812	3459.217	3381.915	3292.203	3228.813	3153.350	3333.739	3071.977
[10337]	3063.795	3326.233	3086.591	3443.164	3031.845	3108.280	3235.998	3290.926
[10345]	3144.143	3358.732	3143.128	3008.389	3096.689	3156.709	3174.293	3224.608
[10353]	3305.372	3300.630	3310.520	3215.568	3359.536	3372.641	3392.121	2961.834
[10361]	3069.629	3193.749	3284.424	3331.167	3192.717	3380.794	3095.082	3227.893
[10369]	3206.059	3361.462	3248.692	3122.672	3169.596	3157.627	3351.390	3121.718
[10377]	3200.476	3321.173	3441.807	3069.317	3162.543	3233.222	3283.012	3222.897
[10385]	3449.430	3154.488	3353.596	3192.307	3502.673	3261.617	3207.842	3241.555
[10393]	3249.598	3234.098	3278.477	3348.066	3225.179	3210.435	3247.685	3218.168
[10401]	3337.463	3260.211	3010.576	3471.795	3073.521	3432.159	3250.617	3289.326
[10409]	3172.033	3351.909	3225.421	3459.529	3088.700	3159.643	3233.727	3284.538
[10417]	3209.120	3271.553	3354.222	3219.346	3160.019	3173.873	3336.876	3341.379
[10425]	3374.138	3339.759	3348.665	3273.981	3239.749	3230.700	3212.955	3174.904
[10433]	3101.695	3085.876	3407.437	3125.967	3471.902	3045.308	3456.546	3470.510
[10441]	3368.703	3125.139	3090.380	3354.516	3066.263	3301.431	3095.273	3426.112
[10449]	3048.939	2978.325	3435.881	3055.018	3219.676	3211.219	3307.073	3242.683
[10457]	3291.730	3458.946	3435.761	2944.259	3043.151	3459.361	3370.163	3132.416
[10465]	3122.920	3411.638	3135.856	3164.482	3291.031	3131.770	3360.803	3222.504
[10473]	3145.291	3140.962	3143.726	3382.294	3205.382	3275.244	3273.887	3327.194
[10481]	3204.324	3007.016	3423.429	3275.383	3300.385	3357.711	3327.009	3054.274
[10489]	3083.438	3396.080	3439.321	3267.064	3276.091	3345.315	3264.664	3345.918
[10497]	3374.971	3336.608	3220.656	3353.367	3192.210	3315.517	3364.533	3281.147
[10505]	3300.082	2977.292	3147.340	3353.394	3171.693	3195.468	3364.381	3323.559
[10513]	3299.658	3214.452	3369.200	3022.055	3204.489	3318.213	3313.317	3331.374
[10521]	3221.175	3336.403	3184.060	3235.654	3197.397	3277.747	3107.502	3310.203
[10529]	3365.410	3326.014	3406.659	3450.202	3040.493	3133.332	3274.299	3201.927
[10537]	3201.347	3201.430	3288.891	3233.503	3306.384	3242.761	3221.902	3277.003

[10545]	3203.886	3354.665	3140.748	3402.157	3223.759	3151.563	3154.458	3348.017
[10553]	3187.437	3369.692	3234.254	3304.712	3381.757	3228.885	3312.797	3195.330
[10561]	3239.529	3381.373	3424.153	3128.841	2999.786	3510.515	3352.902	3102.814
[10569]	3409.531	3252.717	3280.601	3579.592	3456.035	3562.079	3023.216	3062.090
[10577]	3156.950	3293.335	3351.279	3425.800	3238.546	3284.388	3362.321	3202.985
[10585]	3133.451	3112.696	3176.708	3119.344	3152.018	3215.578	3324.815	3230.753
[10593]	3268.801	3331.580	3209.256	3301.132	3198.189	3269.292	3256.118	3187.361
[10601]	3391.986	3040.775	3342.603	3342.286	3388.121	3310.842	3225.930	3233.025
[10609]	3120.379	3348.889	3159.257	3404.604	3022.507	3471.503	3598.418	3308.147
[10617]	3206.951	3283.854	3244.309	3337.323	3294.577	3151.818	3431.957	3169.959
[10625]	3403.663	3112.567	3273.701	3343.636	3346.440	3301.038	3239.830	3272.950
[10633]	3313.086	3253.840	3241.309	3174.510	3357.806	3197.979	3325.023	3402.644
[10641]	3255.159	3324.908	3253.963	3247.247	3193.738	3310.938	3141.298	3185.680
[10649]	3190.118	3265.817	3244.142	3193.553	3489.732	3522.064	3316.535	3242.739
[10657]	3311.367	3437.853	2963.198	3278.682	3379.696	3513.015	3294.461	3431.770
[10665]	3385.910	3153.082	3298.048	3363.582	3346.973	3121.400	3106.968	3457.008
[10673]	3338.222	3382.826	3133.378	3199.797	3122.911	3332.787	3080.253	3299.289
[10681]	3440.256	3309.005	3220.224	3350.134	3337.961	3328.566	3191.982	3132.312
[10689]	3312.578	3136.440	3194.377	3305.490	3222.918	3301.442	3443.081	3308.781
[10697]	3547.163	3013.066	3427.972	3280.796	3183.026	3361.571	3308.840	3253.157
[10705]	3299.303	3334.414	3353.494	3031.144	3524.924	3460.515	3361.462	3299.443
[10713]	3269.605	3101.531	3015.899	2942.768	3282.974	3240.365	3210.276	3364.373
[10721]	3237.133	3375.574	3366.195	3290.823	3260.255	3042.058	3056.101	2937.111
[10729]	3095.636	3422.446	3101.640	3266.273	3228.103	3172.348	3379.156	3409.899
[10737]	3405.850	3046.869	3251.871	3305.618	3332.728	3224.609	3365.602	3163.041
[10745]	3151.397	3329.433	3358.646	3282.849	3234.939	3220.170	3268.933	3340.067
[10753]	3236.086	3516.754	3353.537	3413.497	3111.078	3118.368	3334.746	3344.375
[10761]	3234.626	3152.478	3377.458	3242.134	3180.319	3273.773	3100.521	3355.291
[10769]	3216.704	3065.484	3029.721	2958.618	3443.724	3480.738	3492.229	3037.908
[10777]	3019.352	3544.811	3068.493	3421.359	3054.805	3058.164	3469.699	3104.788
[10785]	3387.629	3270.470	3255.287	3273.885	3328.932	3438.928	3191.699	3091.456
[10793]	3351.661	3208.911	3313.378	3246.067	3400.347	3414.728	3429.920	3388.381
[10801]	3119.197	3400.699	3122.601	3406.116	3006.415	3520.467	3352.780	3336.426
[10809]	3314.833	3391.970	3149.438	3528.357	3540.906	3474.633	3311.308	3312.519
[10817]	3373.619	3380.601	3297.338	3412.484	3176.530	3285.272	3249.768	3174.935
[10825]	3173.971	3306.671	3163.999	3300.621	3489.975	3326.047	3260.064	3189.513
[10833]	3263.076	3230.424	3257.175	3276.451	3210.430	3404.096	3273.888	3322.079
[10841]	3293.131	3254.579	3351.880	3260.326	3234.544	3334.914	3348.830	3447.775
[10849]	3501.650	3472.097	3365.696	3347.589	3167.391	3270.070	3225.229	3166.503
[10857]	3408.260	3269.017	3306.323	3258.706	3217.435	3240.257	3258.004	3225.304
[10865]	3362.099	3126.451	3246.331	3239.785	3168.765	3262.767	3340.606	3340.606
[10873]	3336.272	3359.925	3159.335	3367.195	3167.914	3330.479	3292.715	3463.325
[10881]	3489.107	3410.798	3324.746	3140.640	3191.255	3302.129	3148.867	3284.991

[10889]	3203.522	3397.529	3260.232	3205.386	3183.924	3208.857	3121.993	3163.432
[10897]	3150.404	3331.147	3159.432	3211.935	3238.486	3275.450	3227.142	3395.467
[10905]	3156.846	3218.819	3221.274	3210.391	3277.862	3355.537	3203.467	3238.343
[10913]	3068.320	3255.151	3311.056	3388.904	3341.435	3217.110	3258.106	3281.180
[10921]	3129.672	3314.508	3267.376	3297.566	3006.963	3154.057	3306.956	3216.051
[10929]	3224.248	3201.083	3251.635	3357.245	3242.211	3489.390	3437.525	2877.117
[10937]	3149.149	3232.365	3331.211	3207.765	3221.488	3431.954	3118.621	3461.080
[10945]	3227.591	3323.228	3207.748	3319.445	3286.570	3294.920	3191.139	3347.674
[10953]	3442.448	3156.115	3307.397	3169.835	3458.914	3344.795	3186.563	3318.884
[10961]	3318.417	3145.687	3308.969	3187.051	3196.773	3232.651	3207.444	3228.990
[10969]	3376.688	3250.009	3500.489	3509.538	3103.466	3461.516	3042.408	3030.971
[10977]	3364.676	3162.252	3175.670	3293.629	3137.827	3071.700	3316.035	3047.104
[10985]	3316.369	3311.014	3111.563	3407.877	3104.908	3135.161	3159.240	3518.674
[10993]	2973.308	3174.014	3342.774	3347.837	3173.186	3165.903	3201.105	3171.496
[11001]	3376.973	3203.925	3206.526	3326.423	3299.830	3418.161	3324.739	3486.558
[11009]	3377.785	3171.247	3348.241	3214.092	3258.004	3271.718	3195.706	3298.727
[11017]	3277.132	3255.149	3388.646	3364.434	3189.132	3327.444	3117.110	3247.370
[11025]	2841.942	2809.828	3016.964	3172.916	3264.063	3309.587	3241.011	3205.798
[11033]	3354.282	3233.023	3251.776	3268.579	3265.171	3278.991	3151.088	3190.937
[11041]	3272.828	3346.348	3348.730	3373.210	3169.722	3185.872	3354.618	3183.361
[11049]	3349.203	3266.431	3286.029	3251.930	3314.194	3225.906	3145.043	3420.794
[11057]	3182.840	3219.136	3348.305	3063.194	3400.645	3191.778	3239.521	3230.758
[11065]	3346.434	3190.434	3213.874	3290.723	3264.224	3206.613	3205.283	3289.120
[11073]	3285.037	3170.242	3242.593	3302.143	3216.882	3150.884	3367.995	3197.356
[11081]	3109.775	3293.052	3189.185	3334.811	3325.604	3172.190	3244.868	3298.736
[11089]	3203.484	3284.055	3342.651	3241.991	3195.981	3335.851	3243.404	3453.256
[11097]	3268.604	3411.774	3302.873	3209.102	3337.737	3182.093	3191.680	3239.152
[11105]	3228.249	3174.372	3127.932	3350.478	3248.675	3264.498	3376.688	3216.833
[11113]	3378.635	3242.176	3238.550	3258.656	3306.250	3363.080	3290.740	3079.952
[11121]	3474.385	3134.078	3188.201	3163.264	3339.725	3356.615	3122.178	3507.322
[11129]	3167.868	3327.038	3360.387	3386.375	3203.056	2945.129	3361.802	3185.576
[11137]	3208.944	3151.645	3338.367	3086.103	3167.859	3261.165	3427.623	3093.072
[11145]	3434.033	3127.223	3144.601	3174.471	3180.629	3337.667	3350.917	3433.235
[11153]	3271.188	3301.898	3411.219	3428.546	3105.537	3066.994	3292.478	3186.534
[11161]	3389.633	3125.221	3405.435	3412.663	3093.475	3341.065	3129.425	3230.402
[11169]	3495.610	3363.828	3188.499	3356.554	3316.214	3374.487	3070.604	3380.860
[11177]	3159.475	3365.751	3289.275	3359.569	3204.700	3127.519	3169.106	3191.095
[11185]	3255.951	3334.261	3179.052	3321.959	3215.389	3286.235	3247.653	3250.299
[11193]	3266.138	3333.566	3303.792	3303.195	3161.194	3097.563	3302.475	3356.500
[11201]	3142.239	3380.612	3334.604	3382.900	3202.655	3192.787	3340.382	3233.751
[11209]	3341.820	3363.114	3215.345	3370.196	3449.612	3321.597	3181.892	3345.383
[11217]	3234.081	3245.190	3320.338	3331.404	3154.438	3367.305	3330.380	3310.275
[11225]	3176.899	3239.257	3202.268	3255.184	3230.801	3303.620	3314.651	3300.439

[11233]	3100.839	3286.751	3409.341	3304.735	3274.642	3377.073	3079.847	3502.001
[11241]	3076.255	3553.703	3139.146	3088.372	3272.906	3256.998	3114.590	3408.312
[11249]	3075.085	3004.700	3016.767	3177.872	3158.697	3286.208	3352.730	3305.906
[11257]	3249.876	3248.423	3488.025	3117.555	3153.401	3056.734	3438.209	3454.523
[11265]	3152.799	3387.545	3155.775	3154.363	3380.785	3366.773	3187.959	3336.875
[11273]	3300.778	3240.401	3289.483	3196.124	3370.934	3404.813	3222.139	3368.295
[11281]	3109.736	3468.727	3168.589	3349.592	3188.517	3228.413	3204.674	3352.864
[11289]	3450.275	3534.424	3536.124	3417.614	3288.914	3338.424	3416.060	3336.091
[11297]	3354.616	3135.794	3175.126	3220.361	3173.683	3224.360	3258.620	3165.402
[11305]	3263.496	3353.479	3141.551	3008.354	3018.643	3358.305	3183.508	3145.944
[11313]	3348.108	3207.016	3095.265	3461.376	2976.588	3269.433	3094.769	3473.220
[11321]	3496.714	3174.388	3240.793	3465.707	3151.700	3230.245	3198.324	3469.835
[11329]	3207.008	3207.720	3226.321	3083.802	3308.880	3285.412	3301.522	3322.795
[11337]	3165.017	3269.665	3253.617	3230.862	3267.890	3225.219	3230.779	3192.091
[11345]	3315.664	3253.791	3286.613	3276.580	3329.242	3194.333	3076.510	3339.631
[11353]	3176.365	3085.571	3112.887	3289.456	3172.572	3385.301	3215.114	3285.583
[11361]	3232.624	3333.654	3360.541	3189.384	3440.883	3449.063	3311.441	3201.084
[11369]	3299.718	3193.443	3254.896	3303.724	3284.206	3280.370	3306.442	3204.958
[11377]	3265.443	3283.843	3265.018	3281.766	3290.455	3180.559	3191.171	3055.203
[11385]	3039.309	3435.069	3072.254	3212.703	3164.662	3323.498	3182.005	3086.136
[11393]	3343.346	3234.360	3244.875	3389.603	3195.333	3382.616	3415.673	3248.939
[11401]	3309.555	3216.409	3182.971	3356.200	3476.900	3355.589	3226.934	3329.727
[11409]	3159.425	3120.538	3255.301	3085.946	3433.698	3278.319	3613.658	3003.954
[11417]	3526.129	3316.674	3250.518	3254.073	3253.353	3285.250	3308.068	3382.604
[11425]	3299.211	3127.412	3369.987	3087.672	3146.315	3209.806	3365.280	3177.723
[11433]	3297.171	3248.036	3244.702	3164.807	3225.150	3270.670	3262.299	3172.542
[11441]	3149.574	3262.433	3224.623	3252.940	3165.734	3271.553	3265.359	3364.104
[11449]	3446.726	3416.189	3271.647	3230.526	3088.158	3357.923	3267.379	3175.622
[11457]	3485.005	3189.929	3327.726	3072.164	3335.561	3203.546	3286.949	3096.022
[11465]	3261.541	3256.419	3167.520	3124.259	3125.363	3337.602	3323.125	3183.077
[11473]	3250.882	3310.492	3197.670	3162.490	3316.730	3160.635	3227.296	3258.213
[11481]	3281.358	3182.468	3246.731	3188.680	3145.862	3341.849	3206.059	3338.031
[11489]	3208.280	3338.404	3174.042	3440.950	3165.792	3301.627	3218.739	3362.090
[11497]	3138.651	3280.229	3454.601	3621.697	2847.075	2856.687	3442.518	3579.999
[11505]	3610.844	3502.009	3235.910	3322.150	3152.941	3161.504	3246.255	3472.360
[11513]	3063.392	3155.103	3193.168	3352.010	3395.157	3223.927	3219.796	3256.138
[11521]	3408.650	3232.293	3359.025	3378.219	3157.274	3217.044	3310.036	3230.199
[11529]	3047.169	3006.002	3154.611	3242.617	3240.290	3291.254	3239.384	3285.151
[11537]	3187.445	3308.528	3250.546	3126.671	3197.747	3251.119	3294.838	3230.519
[11545]	3348.299	3115.536	3325.744	3298.555	3324.815	3303.679	3345.502	3535.207
[11553]	3114.768	3168.584	3268.378	3458.902	3327.597	3094.996	3384.171	3373.924
[11561]	3224.363	3295.029	3253.010	3270.048	3230.382	3248.504	3232.809	3232.004
[11569]	3117.619	3317.962	3077.282	3482.694	3152.020	3275.934	3173.597	3173.342

[11577]	3373.096	3363.481	3194.263	3286.610	3230.420	3252.719	3222.443	3360.467
[11585]	3137.856	3290.344	3139.917	3266.540	3258.209	3263.030	3267.021	3179.841
[11593]	3183.207	3149.658	3209.127	3179.049	3098.861	3236.125	3385.881	3147.957
[11601]	3264.047	3311.069	3204.251	3322.882	3214.417	3384.811	3320.422	3225.696
[11609]	3362.372	3336.433	3263.761	3283.472	3121.418	3105.564	3215.180	3451.141
[11617]	3437.546	3368.890	3203.157	3376.449	3245.391	3316.938	3236.339	3298.343
[11625]	3175.394	3209.800	3315.237	3165.908	3176.969	3098.204	3116.147	3414.792
[11633]	3125.730	3128.133	3418.901	3183.685	3299.499	3197.998	3141.573	3383.382
[11641]	3238.229	3200.729	3258.221	3214.728	3213.725	3272.976	3272.142	3254.978
[11649]	3386.175	3317.854	3158.442	3188.302	3288.396	3357.874	3049.189	3205.316
[11657]	3233.730	3162.366	3211.160	3194.757	3185.360	3169.402	3320.700	3245.810
[11665]	3245.103	3319.921	3307.749	3289.922	3231.625	3265.833	3198.208	3156.791
[11673]	3270.527	3273.965	3252.386	3160.463	3183.304	3322.435	3322.297	3199.663
[11681]	3268.713	3534.141	3087.227	3128.350	3443.708	3370.204	3241.585	3257.291
[11689]	3348.990	3225.982	3374.222	3279.069	3182.120	3333.466	3178.202	3265.365
[11697]	3411.502	3444.884	3292.868	3221.921	3166.890	3407.964	3268.368	3202.447
[11705]	3321.674	3305.310	3301.110	3187.955	3310.401	3108.748	3387.923	3254.511
[11713]	3331.666	3258.098	3322.261	3208.281	3199.558	3317.881	3277.319	3161.636
[11721]	3311.856	3323.095	3487.537	3004.200	3641.050	3337.244	3319.529	3302.868
[11729]	3269.585	3262.661	3313.746	3259.388	3464.377	3402.706	3386.930	3171.400
[11737]	3264.254	3357.836	3262.999	3386.103	3224.447	3298.498	3242.086	3285.455
[11745]	3343.541	3302.553	3329.380	3207.019	3149.128	3205.974	3012.841	3025.807
[11753]	3260.875	3231.555	3237.188	2993.164	3184.161	3281.445	3274.298	3379.288
[11761]	3179.748	3253.463	3187.950	3134.671	3515.141	3131.569	3038.821	3418.993
[11769]	3116.159	3079.752	3364.231	3102.409	3427.816	3381.132	3164.024	3330.688
[11777]	3392.188	3210.879	3197.574	3094.514	3281.785	3235.552	3229.486	3250.040
[11785]	3251.611	3142.429	3414.714	3360.156	3336.747	3430.681	3423.841	3371.256
[11793]	3300.672	3237.893	3205.959	3403.564	3402.177	3091.376	3234.034	3445.187
[11801]	3363.691	3242.455	3222.385	3098.168	3174.904	3279.054	3249.358	3162.220
[11809]	3332.579	3367.861	3362.304	3367.402	3381.695	3125.506	3399.711	3379.721
[11817]	3388.074	3125.001	3347.611	3323.314	3190.937	3184.167	3212.460	3293.997
[11825]	3209.152	3280.206	3269.639	3435.794	3384.026	3399.029	3352.501	3171.325
[11833]	3402.056	3131.441	3112.110	3068.008	3060.387	3272.683	3266.871	3309.928
[11841]	3312.413	3253.444	3306.210	3470.414	3308.375	3275.798	3381.073	3054.284
[11849]	3139.321	3346.900	3037.258	3491.585	3223.582	3209.190	3233.359	3204.719
[11857]	3352.763	3199.029	3213.054	3263.446	3151.614	3099.764	3116.205	3148.590
[11865]	3359.693	3163.834	3411.826	3478.190	3466.243	3157.101	3170.505	3326.806
[11873]	3145.408	3369.017	3160.936	3336.062	3207.229	3291.185	3359.548	3169.145
[11881]	3203.304	3165.959	3166.898	3362.099	3372.143	3232.730	3302.571	3086.310
[11889]	3411.634	3147.039	3404.365	3397.510	3288.043	3378.667	3266.891	3303.263
[11897]	3313.163	3221.940	3333.705	3473.252	3258.819	3273.451	3077.124	3044.053
[11905]	3198.250	3113.259	3309.163	3320.378	3081.794	3253.703	3318.168	3295.256
[11913]	3217.195	3334.146	3381.270	3404.290	3185.714	3193.529	3113.840	3135.433

[11921]	3235.709	3183.300	3128.841	3004.206	3359.195	3393.678	3110.772	3316.053
[11929]	3317.520	3265.747	3399.927	3346.414	3213.654	3371.706	3402.264	3374.884
[11937]	3153.322	3315.015	3270.335	3169.067	3149.136	3382.151	3117.514	3399.716
[11945]	3160.823	3396.948	3163.071	3345.305	3355.278	3068.904	3260.684	3254.960
[11953]	3286.276	3210.418	3034.409	3124.513	3390.698	3086.623	3199.086	3315.714
[11961]	3011.497	3255.441	3215.397	3307.627	3226.018	3118.316	3373.102	3128.710
[11969]	3105.812	3189.067	3488.645	3467.796	3478.921	3087.961	3240.030	3103.618
[11977]	3130.045	3385.290	3077.373	3320.659	3207.941	3293.275	3281.912	3288.656
[11985]	3212.513	3256.310	3200.432	3468.059	3258.685	3290.230	3148.518	3165.475
[11993]	3377.829	3375.415	3221.086	3338.102	3263.775	3250.050	3407.229	3199.306
[12001]	3075.483	3219.434	3136.828	3145.780	3310.337	3315.206	3256.892	3287.626
[12009]	3200.947	3304.171	3377.572	3455.794	3105.749	3269.022	3275.226	3116.072
[12017]	3431.242	3149.842	3328.898	3242.611	3292.741	3276.662	3308.039	3291.587
[12025]	3216.605	3382.697	3424.610	3132.726	3272.345	3351.977	3322.500	3343.413
[12033]	3307.117	3289.366	3156.080	3194.173	3188.612	3110.863	3246.639	3200.917
[12041]	3311.187	3108.383	3384.415	3235.735	3254.153	3362.513	3022.550	3338.923
[12049]	3155.098	3306.353	3235.131	3200.415	3243.014	3233.495	3430.013	3270.824
[12057]	3220.186	3134.292	3414.350	3221.793	3310.806	3250.844	3142.108	3201.095
[12065]	3380.544	3344.820	3390.113	3215.990	3255.234	3173.730	3332.534	3207.487
[12073]	3313.700	3382.898	3334.893	3027.239	3005.093	3016.210	3165.240	3291.784
[12081]	3380.928	3216.957	3333.057	3206.442	3263.604	3165.805	3354.705	3453.854
[12089]	3105.053	3105.684	3374.202	3152.962	3410.663	3121.490	3396.769	3346.550
[12097]	3342.257	3109.432	3400.505	3120.941	3166.924	3299.513	3232.223	3338.911
[12105]	3312.672	3295.950	3335.560	3259.647	3242.522	3448.231	3476.325	3349.778
[12113]	3339.158	3029.246	3336.576	3372.219	3213.432	3348.055	3405.382	3323.291
[12121]	3314.485	3186.780	3197.935	2980.913	3404.437	3230.932	3263.905	3048.063
[12129]	3267.229	3413.502	3253.326	3338.298	3209.586	3322.693	3158.529	3480.455
[12137]	3050.829	3174.734	3326.855	3310.344	3260.625	3295.738	3150.682	3199.487
[12145]	3170.989	3204.286	3508.729	3401.573	3238.195	3100.263	3166.672	3095.528
[12153]	3410.322	3382.482	3303.626	3367.181	3200.969	3358.269	3318.713	3329.514
[12161]	3407.635	3383.621	3285.708	3196.657	3431.935	3436.618	3194.333	3141.787
[12169]	3399.736	3388.894	3502.404	3412.737	3282.939	3266.810	3282.890	3164.544
[12177]	3345.277	3098.171	3003.588	3502.461	2977.448	3069.108	3325.383	3337.049
[12185]	3188.651	3239.566	3281.546	3243.201	3349.125	3114.027	3456.698	3136.232
[12193]	3445.624	3261.634	3236.357	3359.992	3400.868	3064.993	3087.103	3058.539
[12201]	3226.130	3249.197	3234.598	3109.960	3247.123	3274.368	3279.610	3167.917
[12209]	3254.984	3389.288	3297.524	3229.290	3435.040	3179.261	3118.660	3374.804
[12217]	3323.817	3183.546	3194.626	3287.938	3145.041	3089.628	3214.382	3348.897
[12225]	3370.499	3146.586	3179.102	3352.878	3332.240	3204.179	3204.925	3278.238
[12233]	3263.778	3367.164	3347.982	3240.223	3153.489	3448.453	3116.819	3135.467
[12241]	3382.190	3229.685	3155.471	3486.643	3374.297	3150.742	3212.831	3229.468
[12249]	3261.866	3218.850	3325.522	3167.274	3202.868	3286.214	3159.168	3393.939
[12257]	3172.672	3336.451	3338.263	3338.263	3399.570	3172.870	3323.945	3211.307



[12265]	3423.029	3432.161	3362.998	3196.621	3115.166	3397.797	3479.757	3605.452
[12273]	3583.405	3130.664	3275.574	3331.206	3279.737	3197.536	3410.601	3271.035
[12281]	3057.295	3124.505	3249.239	3167.983	3332.110	3323.928	3224.319	3237.647
[12289]	3190.445	3324.477	3214.236	3370.712	3343.012	3250.919	3246.027	3192.508
[12297]	3200.878	3315.392	3201.197	3363.399	3177.184	3435.927	3147.859	3160.759
[12305]	3098.146	3147.108	3434.007	3073.058	3102.986	3198.568	3168.247	3224.894
[12313]	3363.553	3341.605	3187.946	3328.071	3484.331	3222.729	3261.188	3107.548
[12321]	3350.062	3357.447	3335.170	3177.344	3186.670	3215.238	3103.612	3093.593
[12329]	3323.946	3196.496	3218.879	3023.736	3634.917	3135.664	3148.650	3270.403
[12337]	3204.579	3165.328	3252.629	3325.912	3156.006	3078.396	3299.410	3238.294
[12345]	3322.515	3357.396	3134.639	3292.488	3306.990	3219.880	3203.273	3209.819
[12353]	3151.634	3251.281	3220.428	3299.786	3192.346	3295.953	3416.751	3323.887
[12361]	3416.744	3387.323	3125.933	3371.689	3173.964	3124.720	3260.072	3178.648
[12369]	3185.152	3403.674	3109.866	3399.355	3204.001	3433.773	3305.525	3220.320
[12377]	3194.735	3293.908	3241.544	3240.403	3306.130	3239.975	3149.420	3371.564
[12385]	3313.063	3415.186	3227.689	3221.848	2994.038	3144.010	3075.141	3162.748
[12393]	3370.430	3401.477	3127.988	3409.781	3365.744	3352.594	3231.976	3482.045
[12401]	3126.394	3175.586	3243.142	3218.066	3256.308	3365.465	3308.085	3203.175
[12409]	3144.435	3363.916	3219.108	3222.439	3294.082	3363.166	3436.582	3381.832
[12417]	3249.215	3300.171	3328.162	3214.498	3215.954	3255.278	3292.687	3195.809
[12425]	2983.798	3005.893	3247.165	3204.264	3105.554	3277.205	3340.554	3140.219
[12433]	3328.321	3276.593	3364.805	3168.012	3092.202	3473.525	3090.166	3347.760
[12441]	3344.547	3469.580	3405.476	3230.266	3298.879	3077.897	3439.770	3422.958
[12449]	3174.223	3325.551	3302.719	3072.661	3433.146	3348.630	3267.235	3379.798
[12457]	3213.233	3162.305	3266.564	3197.146	3282.312	3244.781	3276.143	3194.933
[12465]	3177.306	3255.088	3129.120	3115.630	3226.951	3273.490	3323.415	3455.835
[12473]	3209.106	3345.615	3273.514	3215.190	3199.151	3437.081	3204.776	3333.285
[12481]	3091.694	3399.218	3172.776	3438.387	3525.874	3023.548	3087.827	3403.508
[12489]	2976.193	2897.732	3253.038	3244.291	3336.321	3272.688	3247.069	3373.543
[12497]	3225.089	3272.534	3204.084	3462.292	3482.738	3265.834	3257.586	3367.186
[12505]	3281.911	3303.710	3339.893	3239.438	3400.270	3151.961	3379.488	3293.753
[12513]	3293.198	3328.063	3288.496	3201.422	3134.309	3416.792	3261.058	3087.267
[12521]	3498.844	3097.738	3497.784	3138.602	3134.255	3268.725	3248.631	3227.979
[12529]	3162.873	3359.257	3131.910	3153.827	3476.057	3421.856	3432.945	3344.758
[12537]	3125.621	3275.188	3304.100	3189.282	3372.595	3262.836	3260.339	3239.953
[12545]	3283.461	3149.160	3287.308	3225.302	3253.010	3215.822	3131.157	3142.729
[12553]	3074.478	3416.529	3471.776	3417.906	3107.243	3133.726	3265.668	3020.787
[12561]	3130.243	3132.280	3372.459	3292.761	3407.624	3398.983	3139.509	3354.906
[12569]	3236.873	3285.991	3301.252	3208.836	3320.741	3287.459	3103.243	3437.310
[12577]	3088.599	3111.642	3439.604	3335.850	3365.019	3234.881	3395.243	3513.018
[12585]	3010.141	3373.001	3156.795	3354.049	3437.002	3119.474	3349.762	3154.924
[12593]	3098.544	3272.681	3356.268	3173.491	3382.618	3209.895	3226.343	3178.050
[12601]	3375.080	3406.424	3005.470	3464.591	3273.309	3400.849	3429.229	3090.506

[12609]	3161.901	3346.305	3514.307	3319.512	3228.595	3233.254	3107.431	3178.797
[12617]	3244.101	3214.261	3202.120	3330.632	3178.299	3301.452	3305.666	3109.535
[12625]	3339.275	3257.029	3197.403	3296.462	3309.696	3387.216	3113.313	3237.387
[12633]	3252.717	3283.789	3405.406	3286.275	3290.129	3109.136	3136.823	3184.087
[12641]	3357.349	3343.782	3418.370	3111.922	3449.328	3430.171	3168.836	3244.562
[12649]	3196.748	3341.279	3229.773	3384.928	3290.212	3309.044	3229.235	3144.949
[12657]	3324.819	3297.528	3304.155	3348.638	3200.794	3326.329	3191.620	3266.874
[12665]	3359.097	3247.174	3275.976	3241.532	3131.192	3346.984	3198.536	3142.606
[12673]	3360.050	3201.254	3280.209	3146.356	3160.953	3354.354	3425.872	3280.375
[12681]	3396.220	3277.921	3265.683	3288.899	3203.059	3352.280	3297.564	3050.256
[12689]	3458.892	3297.188	3321.476	3305.243	3191.274	3231.757	3221.414	3277.342
[12697]	3312.808	3089.438	3119.640	3100.393	3196.359	3125.273	3388.407	3316.563
[12705]	3317.526	3193.531	3181.201	3280.975	3188.427	3319.740	3213.013	3225.449
[12713]	3265.703	3172.680	3153.519	3258.819	3179.493	3376.977	3293.104	3472.198
[12721]	3353.429	3122.758	3291.264	3200.274	3188.868	3214.157	3197.137	3392.172
[12729]	3390.780	3368.540	3330.830	3143.758	3390.750	3349.099	3168.998	3331.776
[12737]	3242.181	3294.869	3211.812	3337.474	3394.855	3178.764	3344.418	3166.827
[12745]	3077.054	3404.005	3505.627	3223.016	3377.163	3377.149	3357.710	3272.535
[12753]	3265.376	3243.415	3234.361	3408.735	3421.896	3237.005	3316.154	3317.565
[12761]	3360.845	3331.218	3269.608	3227.150	3266.626	3302.729	3278.458	3214.613
[12769]	3338.437	3188.002	3408.208	3345.153	3282.486	3312.445	3304.354	3366.502
[12777]	3359.843	3293.678	3376.758	3293.810	3244.923	3354.395	3318.704	3132.905
[12785]	3158.430	3135.214	3319.775	3186.674	3127.695	3291.604	3303.120	3155.888
[12793]	3388.243	3187.595	3158.946	3381.523	3054.735	3291.981	3453.532	3291.731
[12801]	3242.432	3267.322	3253.603	3370.879	3192.570	3402.522	3347.073	3273.429
[12809]	3407.851	3284.738	3285.331	3307.166	3289.450	3278.868	3219.296	3326.659
[12817]	3298.229	3176.045	3147.498	3172.854	3137.733	3207.093	3241.289	3314.019
[12825]	3211.510	3186.810	3133.401	3494.229	3122.452	3187.641	3293.998	3283.691
[12833]	3312.414	3304.045	3008.610	3118.085	3267.614	3246.283	3257.480	3401.687
[12841]	2928.009	2958.898	3175.875	3149.787	3397.865	3204.472	3308.837	3236.244
[12849]	3289.857	3303.604	3327.963	3335.596	3343.448	3294.347	3227.851	3267.125
[12857]	3274.165	2996.225	3360.091	3187.712	3209.347	3395.453	3112.433	3423.230
[12865]	3465.913	3242.263	3210.455	3197.356	3223.168	3412.133	3262.261	3425.667
[12873]	3382.468	3108.110	3080.925	3378.045	3361.017	3188.049	3190.829	3295.191
[12881]	3276.225	3246.083	3245.279	3199.106	3282.567	3233.968	3404.815	3289.313
[12889]	3145.448	3130.366	3335.379	3201.942	3307.813	3157.353	3041.049	3050.174
[12897]	3066.717	3378.257	3491.719	3232.542	3310.605	3243.877	3291.424	3281.241
[12905]	3174.548	3320.193	3148.365	3224.241	3190.712	3234.453	3342.618	3410.216
[12913]	3275.050	3201.580	3317.996	3331.502	3272.478	3133.864	3135.449	3410.513
[12921]	3145.193	3073.433	3162.341	3361.880	3309.609	3219.409	3217.596	3100.188
[12929]	3199.961	3387.729	3120.078	3098.485	3154.605	3455.076	3297.968	3378.405
[12937]	3205.241	3215.886	3212.913	3284.689	3250.819	3374.594	3416.643	3093.093
[12945]	3350.449	3163.562	3403.380	3289.767	3147.403	3339.591	3122.272	3392.054

[12953]	3094.058	3425.219	3229.032	3373.576	3167.071	3337.956	3501.155	3000.347
[12961]	3526.203	2997.137	3070.358	3498.218	3115.653	3357.951	3408.614	3279.357
[12969]	3116.338	3376.726	3152.313	3356.218	3458.905	3400.287	3309.541	3347.446
[12977]	3378.293	3308.605	3249.515	3269.761	3272.530	3433.971	3407.603	3251.552
[12985]	3334.335	3322.673	3223.134	3250.627	3244.720	3284.351	3354.319	3207.583
[12993]	3399.130	3431.019	3300.745	3387.678	3139.431	3098.941	3378.924	3421.914
[13001]	3298.091	3320.160	3191.745	3012.273	3188.469	3226.532	3373.366	3382.170
[13009]	3301.423	3193.160	3138.273	3193.222	3297.930	3217.484	3337.130	3400.599
[13017]	3210.821	3158.097	3159.267	3260.737	3365.461	3087.131	3077.789	3432.169
[13025]	3116.815	3237.397	3239.078	3309.859	3209.902	3194.600	3324.150	3356.477
[13033]	3343.010	3308.339	3269.319	3384.595	3341.836	3242.425	3227.105	3166.358
[13041]	3433.946	3040.827	3246.584	3138.643	3207.937	3303.741	3279.602	3282.822
[13049]	3224.610	3139.597	3218.516	3322.098	3327.604	3300.799	3195.219	3240.590
[13057]	3320.089	3217.479	3279.915	3275.320	3228.011	3169.153	3457.446	3133.346
[13065]	3393.398	3144.106	3327.382	3093.933	3097.181	3190.815	3246.530	3344.054
[13073]	3124.282	3219.756	3267.715	3395.885	3386.331	3253.043	3253.251	3154.446
[13081]	3112.267	3324.220	3284.239	3284.843	3154.917	3138.741	3363.193	3376.038
[13089]	3184.362	3305.540	3400.990	3386.380	3082.025	3283.415	3356.447	3439.270
[13097]	3238.880	3397.470	3177.497	3224.185	3244.123	3345.146	3188.546	3245.596
[13105]	3304.040	3247.541	3244.369	3325.450	3227.944	3341.117	3317.978	3168.862
[13113]	3378.651	3320.862	3311.100	3274.406	3211.043	3314.092	3268.673	3290.657
[13121]	3263.944	3237.113	3268.546	3324.664	3240.768	3339.398	3217.637	3264.673
[13129]	3193.680	3216.933	3296.088	3326.760	3417.576	3422.415	3100.781	3243.321
[13137]	3279.205	3152.270	3359.484	3378.077	3293.636	3187.561	3369.722	3227.269
[13145]	3243.947	3207.359	3027.922	3482.752	3489.984	3474.495	3446.854	3093.174
[13153]	3081.037	3445.269	3476.331	3192.866	3329.476	3360.374	3415.974	3069.482
[13161]	3389.456	3256.307	3292.369	3335.735	3253.892	3327.875	3137.777	3313.576
[13169]	3209.281	3204.444	3196.141	3218.435	3354.649	3140.353	3079.405	3063.788
[13177]	3069.810	3117.970	2989.478	3119.932	3294.098	3057.177	3400.908	3148.329
[13185]	3226.256	3263.200	3204.089	3322.179	3241.801	3335.894	3093.261	3201.244
[13193]	3303.692	3292.662	3269.377	3181.052	3336.950	3266.201	3206.715	3315.629
[13201]	3190.596	3150.828	3194.847	3193.988	3296.692	3220.553	3301.139	3340.313
[13209]	3275.099	3191.127	3262.982	3211.215	3209.747	3367.067	3120.313	3386.131
[13217]	3303.508	3204.071	3331.920	3165.630	3116.366	3356.379	3208.648	3136.320
[13225]	3367.865	3520.158	3269.232	3334.705	3134.584	3132.505	3196.813	3227.070
[13233]	3318.493	3269.514	3258.940	3261.129	3369.110	3419.834	3288.175	3278.339
[13241]	3193.865	3285.732	3219.948	3376.801	3324.131	3377.939	3285.384	3169.786
[13249]	3188.088	3330.067	3388.839	3397.292	3184.226	3245.029	3297.386	3276.181
[13257]	3216.415	3398.260	3146.939	3263.269	3392.930	3405.249	3424.722	3252.665
[13265]	3252.195	3261.936	3270.950	3408.737	3547.137	3191.449	3002.543	2944.341
[13273]	3101.341	3192.208	3249.861	3204.737	3276.876	3462.851	3083.026	3110.311
[13281]	3396.774	3261.958	3310.316	3298.059	3127.259	3336.157	3286.163	3224.954
[13289]	3354.933	3168.468	3290.774	3326.218	3450.186	3063.029	3251.737	3240.372

[13297]	3347.187	3187.216	3189.950	3035.541	3263.277	3190.764	3172.988	3255.298
[13305]	3248.723	3286.244	3329.070	3346.531	3440.587	3324.312	3404.352	3067.884
[13313]	3415.538	3284.854	3162.341	3371.386	3324.935	3326.229	3073.938	3418.939
[13321]	3231.811	3211.765	3291.559	3337.201	3208.598	3354.053	3285.059	3347.396
[13329]	3283.703	3260.465	3043.173	3062.235	3078.117	3194.979	3343.489	3338.734
[13337]	3341.173	3169.685	3406.448	3094.020	3262.426	3230.722	3276.552	3302.363
[13345]	3116.382	3275.255	3183.427	3298.687	3433.799	3326.884	3203.939	3202.577
[13353]	3195.606	3287.831	3095.935	3159.660	3406.380	3232.478	3284.795	3368.116
[13361]	3242.754	3355.538	3097.454	3384.654	3399.358	3196.702	3338.177	3266.345
[13369]	3261.122	3262.871	3255.546	3299.765	3283.351	3208.867	3295.999	3223.744
[13377]	3230.855	3293.288	3342.643	3329.753	3171.543	3438.808	3242.873	3223.254
[13385]	3233.158	3178.388	3201.656	3292.961	3179.136	3295.039	3242.894	3250.428
[13393]	3092.088	3032.664	3233.087	3158.050	3375.466	3097.757	3190.106	3273.452
[13401]	3216.586	3108.984	3343.634	3181.971	3205.728	3110.858	3447.703	3276.323
[13409]	3229.099	3277.186	3584.713	3479.892	3272.117	3162.308	3478.773	3343.659
[13417]	3344.658	3149.124	3129.125	3297.908	3250.259	3270.977	3148.994	3215.130
[13425]	3320.578	3217.914	3318.581	3165.108	3367.658	3490.883	3504.929	3223.683
[13433]	3236.486	3186.583	3326.982	3264.377	3223.965	3301.177	3299.392	3154.985
[13441]	3219.990	3262.315	3248.118	3243.220	3301.668	3438.457	3328.765	3116.508
[13449]	3324.283	3324.251	3308.575	3320.982	3396.208	3350.473	3213.555	3308.953
[13457]	3155.735	3325.968	3294.342	3171.340	3136.608	3208.823	3176.945	3097.248
[13465]	3116.276	3426.340	3114.003	3156.998	3400.973	3381.768	3460.790	3225.978
[13473]	3232.196	3256.666	3281.202	3420.205	3149.865	3379.240	3158.176	3172.041
[13481]	3356.984	3193.930	3308.002	3222.693	3190.938	3204.205	3252.188	3400.229
[13489]	3113.247	3090.193	3370.500	3096.318	3417.312	3105.487	3448.304	3337.055
[13497]	3381.886	3220.037	3232.357	3233.161	3346.124	3410.046	3264.014	3345.381
[13505]	3201.791	3185.371	3413.994	3112.750	3300.378	3290.198	3282.748	3234.031
[13513]	3147.260	3028.418	3503.483	3306.175	3202.799	3236.886	3248.560	3357.963
[13521]	3124.488	3244.574	3138.568	3239.382	3241.564	3174.237	3329.271	3357.224
[13529]	3312.001	3164.747	3213.770	3407.584	3391.654	3184.656	3331.445	3189.086
[13537]	3195.542	3310.422	3330.838	3394.902	3092.988	3129.675	3318.945	3361.447
[13545]	3298.910	3025.745	3499.792	3267.559	3228.839	3134.665	3352.621	3283.309
[13553]	3354.515	3223.014	3303.721	3346.834	3116.229	3233.264	3225.112	3280.845
[13561]	3298.638	3108.974	3190.934	3096.288	3373.014	3305.493	3429.260	3253.652
[13569]	3227.810	3270.394	3266.672	3111.582	3295.469	3238.070	3377.329	3207.576
[13577]	3253.628	3290.240	3177.966	3418.971	3296.005	3265.240	3431.899	3102.228
[13585]	3214.267	3277.625	3301.001	3153.704	3201.343	3211.624	3306.019	3283.792
[13593]	3295.784	3180.363	3387.200	3280.166	3263.837	3222.267	3184.059	3316.220
[13601]	3331.309	2985.976	3039.338	3227.981	3240.192	3239.364	3214.013	3324.727
[13609]	3233.989	3301.574	3172.613	3042.088	3207.338	2952.555	3550.025	3259.861
[13617]	3280.412	3268.244	3273.299	3134.700	3270.647	3398.302	3322.784	3248.385
[13625]	3287.966	3130.161	3395.371	3297.609	3306.942	3121.092	3189.305	3193.529
[13633]	3330.888	3329.316	3285.623	3270.378	3267.267	3226.909	3399.459	3080.766

[13641]	3115.677	3231.681	3269.422	3274.341	3229.831	3154.462	3375.159	3421.502
[13649]	3411.903	3173.733	3183.975	3362.170	3242.144	3252.254	3176.776	3301.093
[13657]	3291.684	3336.562	3061.117	3149.681	3321.796	3388.282	3137.456	3311.953
[13665]	3289.776	3229.341	3176.449	3503.909	3079.330	3231.823	3187.755	3171.197
[13673]	3463.303	3404.486	3128.475	3200.610	3286.673	3218.454	3246.166	3262.930
[13681]	3220.150	3522.248	3302.056	3305.902	3280.985	3031.750	3070.201	3217.262
[13689]	3331.247	3210.564	3214.488	3109.318	3050.352	3231.803	3378.416	3259.782
[13697]	3220.825	3150.632	3385.409	3093.263	3123.337	3383.176	3168.659	3290.757
[13705]	3258.572	3304.934	3208.170	3322.206	3191.440	3273.402	3205.057	3184.301
[13713]	3368.391	3142.362	3314.834	3461.119	3450.184	3270.520	3289.419	3325.061
[13721]	3210.051	3182.385	3303.332	3172.466	3291.913	3331.711	3164.058	3046.186
[13729]	3060.774	3196.164	3085.782	3224.500	3132.406	3417.802	3323.818	3243.130
[13737]	3244.608	3247.192	3205.693	3257.564	3231.868	3221.483	3254.135	3273.764
[13745]	3260.036	3326.563	3162.655	3392.535	3325.188	3168.703	3313.455	3176.006
[13753]	3252.919	3137.284	3258.708	3205.631	3591.372	3124.844	3182.534	3216.696
[13761]	3206.277	3155.368	3135.724	3288.260	3325.726	3202.202	3233.160	3331.313
[13769]	3251.896	3356.579	3140.427	3227.322	3130.025	3249.175	3419.506	2972.085
[13777]	3449.045	3468.566	3388.321	3149.451	3423.557	3206.045	3313.045	3237.382
[13785]	3263.604	3199.034	3266.236	3303.934	3291.047	3185.554	3310.194	3385.498
[13793]	3420.455	3189.357	3371.637	3219.736	3268.492	3188.465	3164.679	3199.268
[13801]	3236.309	3349.928	3191.054	3244.467	3221.405	3250.333	3160.379	3144.141
[13809]	3077.995	3203.396	3203.396	3178.187	3295.599	3325.244	3385.968	3123.839
[13817]	3316.511	3161.725	3372.207	3401.908	3388.691	3079.648	3385.016	3197.744
[13825]	3360.587	3103.365	3353.939	3196.918	3252.418	3268.380	3214.468	3256.920
[13833]	3252.605	3351.820	3203.300	3193.776	3177.537	3193.799	3213.133	3187.571
[13841]	3237.992	3213.437	3111.531	3390.266	3157.454	3318.301	3307.127	3137.104
[13849]	3166.960	3326.563	3072.964	3447.056	3432.321	3053.542	3468.133	3052.234
[13857]	3148.683	3347.976	3207.446	3345.815	3287.267	3318.648	3232.183	3265.182
[13865]	3401.783	3235.325	3396.505	3444.837	3064.316	3129.139	3241.491	3343.491
[13873]	3276.034	3391.388	3273.334	3223.472	3154.864	3357.690	3139.710	3275.435
[13881]	3209.118	3122.516	3394.620	3294.779	3170.283	3269.239	3307.853	3040.886
[13889]	2920.050	3127.159	3383.024	3202.881	3221.282	3248.928	3198.643	3056.127
[13897]	3030.220	3448.963	3457.879	3412.997	3268.504	3389.453	3455.330	3431.268
[13905]	3402.178	3336.282	3217.792	3297.982	3359.268	3309.202	3168.822	3069.577
[13913]	3254.950	3156.281	3193.738	3168.561	3424.364	3236.609	3358.532	3348.683
[13921]	3189.130	3250.309	3220.475	3288.936	3228.957	3299.751	3262.380	3235.413
[13929]	3232.080	3157.307	3226.862	3205.809	3183.375	3278.298	3173.248	3296.779
[13937]	3136.409	3187.784	3235.553	3206.065	3297.322	3312.220	3317.507	3256.991
[13945]	3488.357	3327.935	3421.834	3364.444	3216.368	3169.080	3135.921	3234.750
[13953]	3271.914	3283.170	3346.497	3135.449	3302.642	3256.678	3295.814	3216.646
[13961]	3188.194	3202.885	3272.977	3358.430	3381.392	3108.038	3196.329	3282.192
[13969]	3314.629	3058.950	3141.052	3362.146	3266.428	3318.577	3272.191	3401.481
[13977]	3142.810	3031.034	3505.564	3510.836	3167.474	3129.703	3053.212	3418.356

[13985]	3292.814	3159.535	3108.847	3278.609	3221.391	3193.737	3434.726	3146.173
[13993]	3389.637	3294.463	3359.653	3413.438	3371.730	3162.304	3182.280	3222.028
[14001]	3282.347	3429.408	3366.493	3185.672	3034.842	3174.763	3117.765	3250.223
[14009]	3260.413	3391.010	3418.745	3265.547	3321.596	3181.931	3274.468	3040.497
[14017]	3182.754	3227.792	3121.901	3044.578	3256.387	3268.628	3277.886	3267.566
[14025]	3377.181	3082.367	3102.062	3390.340	3318.122	3328.531	3252.117	3323.138
[14033]	3252.461	3327.458	3189.149	3320.397	3263.461	3221.293	3355.801	3107.290
[14041]	3151.175	3357.076	3329.124	3194.574	3203.830	3203.830	3259.693	3292.833
[14049]	3251.687	3383.862	3342.567	3141.627	3072.126	3274.580	3214.755	3140.007
[14057]	3372.562	3085.078	3469.760	3534.945	3422.333	3053.712	3409.614	3472.516
[14065]	3422.790	3374.554	3379.306	3440.089	3476.520	3097.912	3370.147	3283.739
[14073]	3164.153	3280.342	3239.176	3331.074	3308.798	3421.592	3411.000	3350.888
[14081]	3460.044	3169.858	3439.088	3471.802	3289.276	3360.575	3144.714	3113.117
[14089]	3176.891	3207.871	3220.431	3141.164	3036.565	3116.627	3249.939	3235.563
[14097]	3167.146	3402.765	3290.424	3039.757	3478.160	3183.906	3420.498	3055.972
[14105]	3353.266	3128.109	3128.930	3427.179	3069.479	3148.952	3347.713	3115.551
[14113]	3349.431	3304.367	3197.472	3365.315	3347.000	3347.888	3081.491	3429.966
[14121]	3081.101	3486.431	3162.067	3287.190	3251.805	3369.801	3279.691	3195.532
[14129]	3201.426	3148.963	3046.533	3013.596	3123.806	3246.246	3285.383	3279.048
[14137]	3200.978	3134.777	3348.820	3316.039	3180.171	3351.392	3299.925	3242.279
[14145]	3379.506	3108.438	3074.138	3423.571	3382.275	3333.063	3278.730	3320.718
[14153]	3463.391	3332.335	3249.956	3157.433	3261.774	3171.937	3165.024	3223.493
[14161]	3240.968	3254.239	3288.238	3408.833	3559.101	3355.857	3452.672	3130.960
[14169]	3402.941	2990.464	3459.600	3047.873	3173.103	3060.387	2898.622	3011.946
[14177]	3433.932	3129.669	3391.736	3239.745	3270.512	3219.465	3147.944	3155.846
[14185]	3206.480	3180.666	3301.822	3139.036	3497.538	3624.972	3444.183	3213.899
[14193]	3093.433	3306.665	3311.766	3339.531	3349.740	3386.735	3345.233	3397.748
[14201]	3325.471	3233.136	3281.450	3241.516	3324.065	3133.379	3297.548	3267.023
[14209]	3384.742	3356.350	3282.561	3220.209	3337.061	3306.337	3278.911	2997.550
[14217]	3165.140	3178.032	3103.426	3219.309	3170.095	3208.080	3182.298	3307.057
[14225]	3171.202	3356.731	3304.069	2956.255	3105.623	3340.333	3229.334	3205.975
[14233]	3217.728	3373.406	3158.859	3343.850	3092.021	3181.772	3104.487	3337.041
[14241]	3220.459	3304.994	3258.415	3287.270	3558.902	3374.812	3134.532	3237.721
[14249]	3371.606	2942.192	2889.436	3031.927	3067.223	3275.472	3242.781	3260.247
[14257]	3247.437	3301.200	3147.921	3375.579	3377.669	3275.011	3218.037	3352.659
[14265]	3395.042	3214.961	3354.549	3260.278	3236.829	3278.850	3218.798	3286.806
[14273]	3140.527	3157.700	3248.237	3374.139	3127.180	3180.187	3124.417	3382.584
[14281]	3084.548	3437.475	3368.355	3156.016	3317.783	3317.898	3137.312	3382.986
[14289]	3098.603	3186.826	3275.840	3302.665	3340.416	3229.673	3258.580	3239.600
[14297]	3427.880	3455.025	3237.495	3191.470	3161.111	3351.961	3062.571	3233.786
[14305]	3293.145	3191.885	3231.317	3361.015	3199.140	3307.707	3204.967	3451.656
[14313]	3298.169	3185.669	3330.276	3348.344	3398.025	3290.033	3300.009	3253.514
[14321]	3253.039	3270.247	3229.853	3245.286	3277.378	3149.838	3401.150	3118.104

[14329]	3175.634	3182.799	3396.348	3341.854	3179.182	3182.073	3287.616	3243.022
[14337]	3402.006	3437.841	3082.599	3366.341	3197.117	3202.428	3432.975	3091.403
[14345]	3476.795	3196.630	3375.627	3221.109	3208.323	3354.686	3167.540	3537.606
[14353]	3444.533	3339.680	3366.370	3271.394	3340.983	3147.545	3074.963	3131.604
[14361]	3123.453	3386.003	3188.750	3215.020	3195.095	3291.691	3458.752	3398.243
[14369]	3463.116	3473.572	3106.021	3121.570	3229.428	3328.853	3261.006	3337.245
[14377]	3273.445	3289.883	3397.855	3123.841	3191.540	3372.712	3465.349	3043.904
[14385]	3126.931	3176.673	3224.943	3204.144	3082.317	3317.051	3200.063	3229.001
[14393]	3215.576	3281.571	3391.264	3014.087	3196.614	3169.776	3330.226	3329.658
[14401]	3205.325	3178.504	3318.719	3239.166	3267.575	3450.655	3057.689	3405.311
[14409]	3317.106	3231.168	3203.359	3296.617	3236.822	3263.482	3237.408	3189.054
[14417]	3218.288	3242.561	3229.654	3250.755	3117.331	3370.078	3329.014	3190.612
[14425]	3216.313	3108.927	3333.789	3068.613	3409.770	2908.332	2911.968	2966.533
[14433]	3253.332	3362.593	3181.827	3321.607	3272.100	3240.727	3247.952	3249.558
[14441]	3431.821	3474.492	3143.116	3343.831	3253.985	3271.867	3268.190	3316.460
[14449]	3469.704	3432.478	3196.165	3202.275	3129.602	3364.907	3357.398	3179.573
[14457]	3162.717	3213.826	3272.534	3367.686	3078.718	3320.558	3202.766	3263.059
[14465]	3218.915	3220.491	3367.214	3088.607	3176.193	3192.611	3132.040	3351.543
[14473]	3416.181	3490.939	3154.480	3252.288	3292.163	3288.776	3382.112	3260.799
[14481]	3299.553	3292.758	3343.818	3201.877	3366.363	3253.630	3042.606	3112.998
[14489]	3519.673	2991.189	3058.289	3220.404	3118.468	3222.434	3224.696	3266.859
[14497]	3239.251	3004.210	3200.515	3342.864	3344.069	3285.085	3209.609	3075.940
[14505]	3375.424	3160.859	3369.016	3104.024	3303.430	3226.869	3161.733	3294.863
[14513]	3221.791	3193.951	3129.336	3332.275	3279.998	3154.161	3254.234	3335.539
[14521]	3153.948	3206.731	3203.403	3181.123	3329.074	3249.791	3201.123	3190.462
[14529]	3090.952	3155.218	3207.015	3175.340	3275.975	3269.003	3445.298	3314.934
[14537]	3175.093	3250.704	3268.035	3424.190	3390.826	3303.852	3404.514	3159.801
[14545]	3378.600	3129.645	3118.713	3222.286	3295.927	3383.439	3048.357	2997.483
[14553]	3128.475	3274.661	3188.400	3185.214	3318.372	3350.836	3195.929	3098.501
[14561]	3262.931	3210.694	3253.101	3302.046	3250.504	3237.199	3201.803	3348.105
[14569]	3203.435	3177.718	3162.459	3266.438	3282.455	3251.809	3144.597	3355.633
[14577]	3179.754	3296.821	3108.301	3118.306	3241.595	3182.604	3252.961	3273.604
[14585]	3307.407	3375.575	3138.287	3226.107	3297.797	3198.351	3171.523	3347.743
[14593]	3355.414	3119.909	3434.747	3196.804	3231.352	3221.168	3242.620	3507.740
[14601]	3357.473	3316.166	3289.456	3212.925	3184.719	3324.069	3266.928	3309.736
[14609]	3250.068	3274.625	3335.122	3201.888	3349.196	3312.871	3145.042	3196.748
[14617]	3124.126	3310.631	3292.250	3117.030	3434.632	3044.556	3195.690	3157.036
[14625]	3168.838	3217.456	3288.408	3107.234	3263.294	3207.815	3544.874	3319.083
[14633]	3196.548	3083.278	3392.661	3170.101	3405.375	3196.564	3140.160	3243.140
[14641]	3313.411	3199.053	2939.226	3498.633	3093.488	3217.783	3158.975	3318.537
[14649]	3232.998	3247.302	3016.182	3461.777	3418.294	3401.346	3128.651	3219.137
[14657]	3178.762	3317.259	3282.338	3274.658	3437.490	3107.811	3372.707	3080.081
[14665]	3162.550	3299.279	3194.106	3330.874	3254.865	3305.965	3371.651	3360.879

[14673]	3266.286	3255.440	3339.043	3326.471	3380.696	3274.598	3253.196	3242.504
[14681]	3375.572	3295.653	3131.353	3077.141	3272.179	3218.754	3287.251	3138.367
[14689]	3427.866	3530.744	3484.636	3036.928	3364.299	3198.066	3143.913	3268.439
[14697]	3249.867	3258.979	3209.638	3194.451	3342.919	3222.628	3367.052	3093.231
[14705]	3206.900	3041.167	3325.105	3271.679	3185.816	3351.959	3187.718	3337.615
[14713]	3302.508	3205.265	3349.367	3295.831	3285.860	3442.153	3210.477	3198.653
[14721]	3234.362	3300.535	3211.196	3197.617	3313.944	3187.886	3132.017	3265.562
[14729]	3114.154	3114.962	3295.824	3198.212	3217.470	3301.690	3183.272	3240.319
[14737]	3452.479	3223.107	3363.058	3174.162	3233.570	3057.408	3318.382	3177.078
[14745]	3283.175	3405.731	3318.129	3206.675	3294.502	3237.078	3311.818	3279.982
[14753]	3191.388	3269.255	3298.089	3279.438	3282.698	3243.395	3354.009	3605.769
[14761]	3509.530	3466.202	3077.217	3283.216	3286.579	3495.294	3431.167	3319.697
[14769]	3222.825	3276.125	3278.153	3349.977	3210.931	3354.499	3257.938	3281.749
[14777]	3245.824	3304.405	3264.104	3190.208	3379.921	3326.565	3240.091	3176.396
[14785]	3257.943	3301.043	3074.882	3370.021	3205.866	3182.693	3343.351	3354.915
[14793]	3331.574	3256.966	3193.764	3363.095	3144.825	3241.838	3315.334	3263.763
[14801]	3283.415	3250.722	3277.720	3242.062	3403.587	3465.455	3114.928	3375.507
[14809]	3130.931	3389.194	3359.582	3128.104	3206.074	3297.053	3311.664	3133.547
[14817]	3312.656	3256.720	3410.974	3349.348	3489.285	3185.390	3394.748	3384.463
[14825]	3150.327	3271.983	3356.997	3296.912	3530.716	3399.019	3147.080	3413.983
[14833]	3252.877	3131.707	3411.201	3458.404	3328.076	3538.699	3511.273	3052.646
[14841]	3074.222	3249.695	3297.728	3232.473	3294.661	3243.028	3248.314	3259.993
[14849]	3338.465	3324.625	3332.375	3312.249	3303.781	3263.937	3237.803	3293.850
[14857]	3265.609	3176.439	3418.018	3222.191	3235.028	3235.114	3221.017	3298.876
[14865]	3296.329	3311.932	3292.103	3399.468	3171.547	3139.424	3177.687	3345.756
[14873]	3223.256	3261.670	3243.308	3423.855	3079.455	3212.478	3282.319	3028.469
[14881]	3547.413	3339.447	3472.051	3074.799	2936.594	3368.385	3079.534	3405.316
[14889]	3377.734	3226.836	3336.473	3209.719	3349.214	3165.923	3272.802	3240.322
[14897]	3302.041	3150.113	3413.726	3449.966	3158.926	3146.069	3291.976	3235.843
[14905]	3182.430	3180.211	3159.894	3338.496	3238.199	3287.007	3296.204	3198.201
[14913]	3407.331	3117.789	3319.487	3259.696	3251.560	3395.354	3218.002	3295.112
[14921]	3151.204	3287.390	3262.782	3280.493	3367.964	3138.399	3423.594	3176.787
[14929]	3137.990	3417.730	3392.393	3482.419	2979.764	3104.848	3109.945	3275.349
[14937]	3224.848	3288.415	3199.054	3131.739	3318.547	3369.942	3123.686	3516.346
[14945]	3534.426	3498.619	3485.674	3188.950	3287.793	3228.089	3286.918	3264.715
[14953]	3214.552	3297.951	3106.795	3219.429	3230.810	3263.295	3020.431	3529.544
[14961]	3105.148	3210.853	3270.263	3219.511	3152.842	3173.531	3118.108	3213.339
[14969]	3173.152	3179.772	3495.029	3320.606	3386.791	3485.271	3240.895	3417.628
[14977]	3259.159	3274.875	3396.922	3274.966	3274.519	3313.522	3174.835	3152.883
[14985]	3134.607	3392.825	3256.890	3237.165	3365.182	3118.025	3429.750	3254.008
[14993]	3239.922	3329.129	3314.849	3078.076	3423.901	3090.713	3331.006	3193.452
[15001]	3218.365	3227.717	3232.953	3319.793	3218.719	3251.308	3235.311	3277.088
[15009]	3074.509	3252.250	3298.048	3374.152	3285.509	3226.725	3436.121	3105.135



[15017]	3404.092	3341.301	3272.467	3255.852	3509.601	3354.572	3359.019	3145.651
[15025]	3119.624	3436.846	3092.691	3191.244	3012.026	3137.102	3274.469	3240.386
[15033]	3293.667	3223.719	3179.120	3419.312	3303.950	3425.823	3476.989	3493.471
[15041]	3076.937	3219.613	3287.835	3277.759	3362.196	3363.471	3285.398	3223.820
[15049]	3313.559	3241.271	3407.455	3246.059	3378.424	3212.242	3120.963	3218.927
[15057]	3301.958	3195.173	3287.288	3526.668	3515.907	3134.980	3322.442	3306.925
[15065]	3249.006	3168.745	3352.841	3289.572	3220.965	3252.521	3273.003	3353.868
[15073]	3173.501	3096.317	3112.852	3154.183	3236.379	3310.301	2964.150	3038.784
[15081]	3563.153	3058.566	3353.960	3352.123	3195.055	3391.612	3377.060	3120.034
[15089]	3397.062	3329.811	3162.708	3354.974	3386.124	3382.971	3001.701	3227.258
[15097]	3316.972	3166.759	3199.822	3178.530	3380.110	3183.655	3349.069	3441.103
[15105]	3355.211	3281.478	3161.566	3259.609	3334.676	3272.475	3180.050	3100.028
[15113]	3494.806	3052.556	3410.992	3139.125	3341.599	3213.874	3205.551	3309.483
[15121]	3275.019	3357.213	3353.892	3490.370	3386.777	3387.503	3133.777	3268.283
[15129]	3228.841	3360.864	3140.294	3391.588	3141.261	3298.259	3159.462	3333.101
[15137]	3221.340	3280.139	3246.625	3225.585	3189.066	3262.902	3243.829	3205.380
[15145]	3333.630	3235.043	3312.219	3028.911	3034.425	2980.497	3192.668	3304.612
[15153]	3230.336	3222.240	3307.935	3056.543	3053.223	3441.972	3430.535	3370.619
[15161]	3259.865	3337.941	3075.657	3092.753	3205.975	3393.110	3135.114	3149.236
[15169]	3310.453	3225.308	3322.646	3204.110	3142.704	3402.304	3097.475	3399.342
[15177]	3236.664	3486.154	3096.580	3345.206	3276.221	3306.362	3154.128	3398.713
[15185]	3360.572	3447.004	3256.976	3212.828	3154.088	2966.238	3243.627	3194.881
[15193]	3216.262	3314.231	3278.237	3380.510	3330.796	3178.569	3327.774	3285.366
[15201]	3496.054	3481.159	3104.831	2995.458	3150.734	3341.008	3383.611	3408.068
[15209]	3231.358	3289.044	3206.019	3305.924	3266.941	3237.476	3131.169	3198.014
[15217]	3285.225	3256.213	3326.277	3302.006	3265.102	3285.097	3241.736	3224.103
[15225]	3224.150	3292.532	3351.414	3180.175	3292.947	3143.748	3139.282	3199.048
[15233]	3247.164	3250.786	3320.950	3249.108	3429.773	3070.996	3317.007	3261.371
[15241]	3255.398	3275.204	3237.467	3249.581	3041.902	3489.218	3048.839	2997.506
[15249]	3424.402	3163.604	3134.470	3396.994	3131.676	3434.198	3158.286	3296.293
[15257]	3223.665	3313.509	3083.906	3345.910	3143.447	3113.920	3369.789	3341.770
[15265]	3321.547	3186.433	3425.500	3203.807	3208.751	3387.430	3248.749	3299.663
[15273]	3291.896	3229.545	3268.969	3283.478	3110.648	3182.979	3187.210	3324.169
[15281]	3346.884	3336.079	3285.771	3313.633	3130.748	3360.513	2977.630	3517.743
[15289]	3000.469	3122.424	3274.482	3231.409	3228.410	3338.754	3377.085	3183.082
[15297]	3246.939	3238.538	3350.730	3018.974	3464.388	3363.812	3186.830	3125.034
[15305]	3376.942	3247.362	3251.794	3247.921	3197.036	3080.296	3456.620	3468.101
[15313]	3331.536	3129.689	3476.466	3100.138	3432.446	3066.183	3319.337	3259.037
[15321]	3277.210	3364.709	2977.973	3498.374	3267.860	3182.455	3342.582	3300.834
[15329]	3046.941	3396.346	3106.243	3288.890	3238.289	3330.167	3292.151	3227.807
[15337]	3225.286	3239.037	3280.155	3367.822	3142.268	2923.441	3499.118	3020.072
[15345]	3086.051	3253.174	3172.604	3353.444	3183.439	3306.219	3194.842	3277.897
[15353]	3300.085	3080.665	3057.992	3423.140	3117.122	3209.194	3235.224	3289.692

[15361]	3216.714	3365.982	3207.095	3159.918	3298.407	3267.493	3236.756	3276.258
[15369]	3241.984	3272.686	3292.255	3075.096	3259.846	3277.702	3346.509	3315.877
[15377]	3359.097	3376.647	3206.599	3315.542	3225.875	3361.999	3159.178	3121.893
[15385]	3155.153	3223.182	3311.098	3202.747	3300.127	3438.262	3256.742	3305.964
[15393]	3441.212	3106.592	3089.147	3201.925	3264.180	3267.399	3238.447	3504.699
[15401]	3469.353	3278.333	3226.314	3293.305	3245.242	3253.264	3185.042	3215.321
[15409]	3272.333	3158.317	3491.103	3031.681	3395.109	3113.687	3210.301	3393.399
[15417]	3242.719	3012.746	3003.543	3345.287	3201.526	3339.277	3361.126	3390.965
[15425]	3474.945	3112.346	3178.920	3468.528	3280.179	3211.483	3140.286	3287.534
[15433]	3228.799	3245.722	3356.741	3305.880	3212.342	3186.356	3306.297	3231.076
[15441]	3261.915	3301.961	3227.038	3152.520	3075.157	3302.841	3232.160	3155.720
[15449]	3189.574	3250.444	3197.321	3290.739	3284.589	3220.837	3306.453	3298.092
[15457]	3069.518	3486.197	3021.653	3035.169	3079.889	3421.970	3382.489	3328.188
[15465]	3225.887	3275.713	3278.214	3444.659	3067.514	3159.486	3308.545	3268.317
[15473]	3382.608	3277.425	3478.711	3028.742	3247.851	3548.826	3390.725	3470.086
[15481]	3233.272	3197.589	3153.774	3171.576	3342.322	3168.042	3255.995	3221.303
[15489]	3244.210	3240.752	3338.833	3417.598	3394.244	3190.205	3166.038	3346.139
[15497]	3171.238	3410.662	3217.654	3306.993	3211.410	3211.208	3189.839	3355.275
[15505]	3141.390	3215.395	3247.691	3304.734	3528.396	3064.797	3421.132	3249.385
[15513]	3209.509	3276.431	3260.466	3133.245	3288.354	3227.821	3176.494	3208.542
[15521]	3439.083	3038.891	3289.110	3231.185	3213.457	3397.065	3149.537	3132.133
[15529]	3403.391	3151.885	3153.931	3108.331	3265.080	3387.470	3193.556	3151.151
[15537]	3140.793	3426.497	3104.991	3392.762	3142.625	3269.800	3136.344	3205.465
[15545]	3252.326	3357.423	3303.518	3295.910	3218.651	3227.093	3413.836	3206.177
[15553]	3241.996	3160.277	3429.342	3100.458	3139.855	3176.735	3374.068	3173.743
[15561]	3182.254	3174.417	3222.500	3257.553	3243.329	3348.575	3183.637	3241.350
[15569]	3329.684	3279.656	3264.002	3307.424	3236.056	3310.294	3272.247	3377.457
[15577]	3149.789	3250.390	3283.213	3296.440	3138.436	3431.951	3077.690	3276.569
[15585]	3279.141	3286.575	3202.514	3174.318	3266.942	3376.069	3345.078	3472.609
[15593]	3512.385	3126.767	3361.497	3320.026	3308.108	3189.155	3321.202	3349.400
[15601]	3152.784	3363.661	3111.429	3175.863	3272.272	3302.012	3190.075	3327.410
[15609]	3179.856	3187.323	3331.260	3225.436	3308.921	3192.030	3308.308	3318.683
[15617]	3403.201	3336.412	3144.641	3329.572	3210.474	3362.063	3195.135	3223.376
[15625]	3203.226	3091.632	3365.220	3212.340	3213.897	3315.027	3254.816	3252.208
[15633]	3259.343	3410.407	3225.183	3318.538	3217.916	3177.597	3130.071	3255.082
[15641]	3198.572	3303.670	3172.735	3174.825	3228.498	3377.305	3212.241	3396.432
[15649]	3052.733	2943.372	3205.010	3229.825	3327.160	3393.886	3083.830	3385.815
[15657]	3380.450	3217.942	3273.338	3263.952	3337.637	3216.349	3153.916	3110.975
[15665]	3228.622	3286.854	3299.009	3341.852	3204.432	3417.831	3373.632	3146.705
[15673]	3375.750	3197.264	3200.431	3449.463	3335.970	3279.939	3253.377	3223.232
[15681]	3274.287	3271.176	3247.297	3256.584	3342.812	3249.037	3251.246	3277.974
[15689]	3278.213	3419.681	3364.844	3159.938	3349.184	3175.638	3334.737	3182.811
[15697]	3359.553	3192.593	3316.215	3289.817	3383.321	3139.917	3385.861	3198.965

[15705]	3232.818	3301.625	3428.358	3292.313	3453.961	3525.117	3014.657	3325.300
[15713]	3186.887	3204.966	3094.980	3224.904	3230.303	3215.177	3253.152	3374.167
[15721]	3229.573	3207.680	3252.844	3166.209	3193.798	3258.828	3260.949	3266.708
[15729]	3214.346	3265.880	3290.964	3472.910	3215.491	3330.787	3272.723	3366.112
[15737]	3322.879	3158.503	3141.111	3333.741	3161.760	3443.586	3283.926	3177.132
[15745]	3317.235	3296.706	3322.592	3213.462	3256.675	3261.644	3288.220	3353.284
[15753]	3382.805	3215.884	3177.568	3187.772	3097.012	3111.128	3086.393	3208.578
[15761]	3175.040	3100.616	3077.331	3344.894	3270.311	3273.753	3407.834	3235.551
[15769]	3156.704	3353.340	3165.972	3313.082	3192.191	2987.183	3595.242	3046.201
[15777]	3067.966	3484.286	3096.396	3250.866	3353.880	3179.914	3140.146	3046.390
[15785]	3412.420	3298.733	3185.693	3122.264	3264.175	3286.265	3252.013	3200.541
[15793]	3345.997	3262.929	3216.801	3509.558	3247.553	3144.458	3155.146	3114.370
[15801]	3095.066	3410.309	3269.808	3380.062	3211.338	3203.421	3286.433	3268.339
[15809]	3159.218	3278.341	3265.828	3275.762	3275.127	3294.005	3127.702	3419.714
[15817]	3339.135	3358.583	3444.414	3037.774	3119.726	3216.063	3085.706	3113.225
[15825]	3118.927	3416.331	3423.187	3237.540	3130.081	3240.149	3161.936	3071.329
[15833]	3328.606	3361.472	3280.346	3156.771	3341.249	3276.218	3169.605	3383.976
[15841]	3049.639	3477.788	2959.895	3105.655	3382.196	3138.548	3392.782	3074.107
[15849]	3399.660	3221.114	3301.692	3243.067	3008.989	3375.667	3134.204	3110.028
[15857]	3409.651	3295.049	3321.986	3170.896	3148.535	3158.930	3142.663	3298.852
[15865]	3270.878	3114.697	3112.587	3482.183	3013.710	3488.399	3450.483	3204.005
[15873]	3363.589	3381.196	3311.919	3305.303	3377.629	3251.498	2966.472	2934.211
[15881]	3040.128	3433.016	3328.467	3305.487	3261.170	3294.810	3329.080	3377.911
[15889]	3342.732	3237.072	3172.846	3253.669	3275.002	3214.896	3127.175	3453.850
[15897]	3070.528	3435.539	3106.986	3433.570	2960.383	3506.747	3309.278	3181.687
[15905]	3410.513	3184.680	3349.046	3104.768	3453.530	3012.073	3028.114	3181.262
[15913]	3180.697	3236.645	3293.448	3271.337	3310.958	3096.384	3341.544	3287.032
[15921]	3078.056	3231.621	3208.272	3146.877	3386.536	3168.195	3257.081	3253.987
[15929]	3096.508	3112.899	3108.123	3252.713	3191.920	3260.572	3409.326	3137.041
[15937]	3378.116	3133.325	3350.063	3244.507	3261.614	3343.661	3351.319	3374.932
[15945]	3383.254	3304.454	3228.552	3147.664	3386.090	3268.219	3427.284	3482.061
[15953]	3464.868	3225.756	3221.816	3164.545	3318.584	3377.893	3194.131	3219.443
[15961]	3250.221	3165.659	3166.975	3432.989	3442.647	3289.330	3415.271	3159.403
[15969]	3280.719	3360.935	3175.121	3217.852	3251.042	3137.916	3213.668	3283.626
[15977]	3332.261	3280.300	3324.916	3210.009	3413.197	3391.127	3542.908	2968.627
[15985]	3066.838	3082.781	3398.874	3132.770	3345.151	3269.720	3214.947	3316.826
[15993]	3324.532	3211.842	3140.927	3337.593	3388.922	3348.243	3204.481	3179.181
[16001]	3353.992	3167.196	3184.749	3305.050	3211.323	3131.985	3360.183	3322.006
[16009]	3309.287	3342.501	3272.858	3296.229	3263.495	3257.138	3384.090	3210.465
[16017]	3338.392	3262.744	3214.974	3312.776	3243.244	3328.240	3209.108	3304.457
[16025]	3280.711	3299.683	3511.447	3523.916	3080.049	3458.567	3112.920	3193.327
[16033]	2971.940	2945.334	3515.336	3019.390	3049.872	3487.858	3281.887	3243.736
[16041]	3317.633	3332.104	3361.775	3435.861	3063.120	3379.241	3321.523	3299.239

[16049]	3191.023	3233.639	3243.472	3283.176	3122.294	3173.328	3337.078	3263.177
[16057]	3286.050	3252.512	3315.438	3281.417	3293.727	3142.178	3467.541	3129.623
[16065]	3216.731	3393.248	3095.131	3110.104	3262.549	3239.708	3240.101	3214.914
[16073]	3318.121	3141.718	3409.413	3249.660	3279.045	3175.507	3333.296	3587.153
[16081]	3272.050	3328.216	3362.592	3197.941	3152.247	3148.936	3383.518	3105.953
[16089]	3226.317	3226.116	3268.458	3306.002	3226.282	3421.215	3304.501	3229.006
[16097]	3312.041	3380.106	3271.327	3187.625	3211.572	3233.137	3236.670	3115.987
[16105]	3342.410	3357.328	3360.049	3190.758	3292.347	3297.451	3296.008	3153.661
[16113]	3294.512	3404.588	3392.431	3141.041	3124.633	3388.496	3124.645	3261.996
[16121]	3199.596	3116.345	3186.180	3367.502	3307.852	3390.372	3174.441	3412.994
[16129]	3293.811	3141.508	3333.177	3372.177	3515.724	3149.577	3256.881	3161.443
[16137]	3332.758	3311.904	3199.937	3336.334	3163.493	3309.397	3320.203	3216.837
[16145]	3204.758	3186.602	3242.715	3231.906	3274.534	3225.829	3184.433	3294.831
[16153]	3224.846	3258.095	3217.747	3283.833	3267.757	3350.256	3303.706	3232.008
[16161]	3284.724	3268.615	3104.736	3394.297	3229.685	3192.626	3133.641	3389.314
[16169]	3357.487	3214.889	3378.497	3172.717	3074.199	3217.023	3220.925	3232.329
[16177]	3219.921	3192.136	3036.416	3331.045	3315.259	3187.704	3318.177	3371.657
[16185]	3194.637	3303.448	3319.828	3398.762	3476.803	3487.920	3047.552	3123.804
[16193]	3401.215	3368.056	3432.625	3172.107	3123.485	3370.601	3146.728	3356.060
[16201]	3382.634	3127.540	3173.538	3164.142	3164.580	3308.414	3173.700	3281.939
[16209]	3188.099	3475.055	3050.885	3479.781	3180.142	3268.356	3196.237	3293.277
[16217]	3324.219	3184.810	3281.854	3194.350	3366.898	3399.366	3458.068	3308.189
[16225]	3243.755	3204.775	3238.186	3228.793	3180.076	3328.405	3334.592	3296.839
[16233]	3198.382	3249.454	3284.339	3283.644	3217.677	3337.770	3381.672	3476.152
[16241]	3023.287	3547.155	3129.861	3343.572	3126.787	3254.145	3241.311	3263.771
[16249]	3161.451	3288.115	3320.893	3267.304	3271.030	3416.450	3373.812	3352.903
[16257]	3254.211	3236.455	3192.182	3229.815	3310.299	3292.611	3292.611	3404.585
[16265]	3137.473	3196.897	3214.660	3293.966	3291.726	3119.013	3182.133	3249.094
[16273]	3367.099	3156.689	3132.203	3375.967	3191.632	3394.349	3438.634	3205.411
[16281]	3319.441	3158.284	3326.699	3195.066	3400.583	3350.698	3084.957	3085.336
[16289]	3468.774	3145.472	3285.345	3104.286	3417.333	3471.004	3292.758	3240.392
[16297]	3261.708	3115.772	3375.693	3231.830	3283.599	3235.178	3425.097	3048.060
[16305]	3379.896	3139.862	3400.588	3325.594	3268.293	3337.032	3239.870	3164.874
[16313]	3050.893	3408.187	3373.135	3026.277	3478.918	3462.797	3146.830	3486.964
[16321]	3172.857	3346.500	3256.509	3220.524	3264.585	3293.750	3303.010	3328.752
[16329]	3162.843	3205.569	3351.180	3175.627	3232.361	3339.816	3290.260	3404.858
[16337]	3072.405	2997.953	3128.301	3255.936	3269.056	3209.422	3292.517	3239.885
[16345]	3302.640	3398.588	3154.083	3107.438	3091.032	3382.005	3364.541	3159.397
[16353]	3305.589	3214.071	3257.331	3274.860	3359.182	3433.059	3191.540	3320.401
[16361]	3246.671	3116.732	3400.745	3275.433	3272.077	3253.780	3236.284	3137.099
[16369]	3142.776	3064.774	3446.376	3380.986	3200.717	3108.192	3119.079	3006.261
[16377]	3350.087	3178.438	3314.485	3202.002	3271.817	3308.378	3177.066	3281.587
[16385]	3226.348	3260.767	3311.854	3297.309	3238.335	3341.388	3172.927	3386.392

[16393]	3257.804	3206.382	3222.619	3423.411	3473.417	3119.469	3415.563	3200.135
[16401]	3365.632	3336.423	3409.627	3380.258	3323.404	3087.983	3386.437	3349.216
[16409]	3358.907	3174.184	3304.415	3322.435	3314.284	3316.413	3165.903	3110.314
[16417]	3426.087	3231.465	3219.113	3142.188	3395.516	3399.931	3390.422	3276.227
[16425]	3238.305	3236.573	3339.843	3323.421	3136.622	3374.643	3251.039	3170.218
[16433]	3303.363	3453.345	3117.297	3089.521	3075.185	3427.890	3091.777	3355.330
[16441]	3340.279	3347.838	3210.937	3086.611	3422.265	3220.686	3226.182	3232.622
[16449]	3509.884	3186.646	3370.789	3226.052	3121.737	3135.832	3330.934	3188.816
[16457]	3375.138	3184.631	3305.610	3012.063	3165.213	3168.656	3138.364	3134.601
[16465]	3092.699	3425.737	3221.933	3174.097	3106.710	3317.475	3276.308	3117.051
[16473]	3207.050	3188.538	3315.247	3277.930	3164.925	3370.658	3268.524	3304.678
[16481]	3289.041	3304.258	3324.130	3322.093	3281.625	3423.809	3257.454	3273.295
[16489]	3354.397	3173.880	3083.592	3164.591	2986.194	3519.408	3484.035	3344.897
[16497]	3104.956	3491.073	3502.182	3471.562	3231.242	3239.347	3382.834	3458.296
[16505]	3246.920	3169.880	3203.912	3163.356	3111.487	3205.149	3328.055	3158.618
[16513]	3157.691	3304.382	3310.938	3452.635	3276.862	3351.893	3208.921	3309.018
[16521]	3244.356	3252.581	3331.190	3323.509	3229.980	3385.683	3491.667	3447.976
[16529]	3210.404	3248.776	3125.521	3534.798	3046.036	3023.249	3261.769	3368.326
[16537]	3424.814	3256.968	3192.672	3272.844	3327.296	3213.334	2920.477	3336.909
[16545]	3220.918	3252.967	3296.473	3305.499	3460.152	3088.874	3165.820	3239.773
[16553]	3142.145	3298.981	3265.509	3246.813	3314.874	3236.317	3317.240	3204.444
[16561]	3291.833	3395.924	3054.293	3023.780	3225.363	3158.209	3143.740	3192.699
[16569]	3351.989	3428.612	3056.085	3161.796	3123.446	3155.625	3404.210	3369.595
[16577]	3153.147	3395.984	3457.723	3088.510	3312.064	3343.171	3289.228	3337.176
[16585]	2987.112	3332.864	3144.871	3284.786	3117.515	3144.443	3165.932	3025.741
[16593]	3121.213	3368.062	3177.866	3371.739	3503.729	3371.845	2893.574	3384.091
[16601]	3158.344	3081.904	3442.724	3245.843	3174.577	3242.025	3255.987	3468.055
[16609]	3093.005	3215.988	3132.999	3194.390	3285.149	3094.665	3003.320	3184.270
[16617]	3290.463	3163.084	3319.517	3135.550	3186.400	3301.049	3327.331	3377.551
[16625]	3489.370	3152.867	3461.036	3284.051	3509.178	3030.977	2921.850	3218.717
[16633]	3261.371	3202.846	3408.509	3032.080	3180.890	3187.325	3354.628	3168.585
[16641]	3124.593	3365.712	3292.282	3168.065	3205.644	2953.197	3276.956	3250.525
[16649]	3274.484	3173.362	3498.123	3392.379	3409.577	3248.593	3431.280	3207.203
[16657]	3292.214	3163.487	3278.277	3218.391	3155.911	3131.908	3388.123	3323.503
[16665]	3215.842	3294.874	3295.276	3203.495	3192.230	3263.332	3162.565	3264.821
[16673]	3240.983	3198.492	3191.506	3227.490	3289.933	3159.870	3353.003	3249.447
[16681]	3301.808	3241.738	3279.727	3217.757	3176.175	3312.246	3199.191	3413.359
[16689]	3327.502	3125.833	3230.376	3367.207	3214.282	3165.756	3303.756	3266.729
[16697]	3280.726	3143.980	3266.328	3215.855	3205.612	3243.632	3335.923	3299.933
[16705]	3177.207	3136.344	3240.025	3244.426	3298.421	3411.775	3351.922	3251.783
[16713]	3238.315	3258.671	3336.644	3448.859	3066.607	3192.831	3220.782	3395.130
[16721]	3384.965	3092.363	3529.556	3461.066	3431.980	3128.069	3310.947	3490.859
[16729]	3028.707	3120.043	3198.731	3534.731	3424.771	3005.884	3083.553	3335.039

[16737]	3270.671	3210.123	3256.314	3349.028	3195.066	3398.818	3324.168	3414.719
[16745]	3074.577	3127.268	3175.494	3097.180	3192.269	3322.456	3171.405	3379.013
[16753]	3468.878	3079.776	3079.421	3071.281	3428.403	3096.982	3361.860	3178.736
[16761]	3309.440	3300.310	3268.004	3200.240	3326.262	3127.111	3286.700	3226.282
[16769]	3241.178	3178.496	3114.968	3436.104	3359.969	3450.754	3048.418	3485.820
[16777]	3295.981	3270.072	3236.470	3292.653	3253.104	3264.622	3273.909	3189.053
[16785]	3276.858	3179.049	3113.734	3262.122	3165.117	3254.433	3294.673	3235.909
[16793]	3194.228	3210.344	3291.741	3111.509	3247.513	3318.335	3176.227	3244.723
[16801]	3175.007	3272.547	3332.182	3216.811	3342.601	3094.660	3135.922	3363.662
[16809]	3166.469	3107.489	3321.533	3266.840	3317.236	3164.246	3081.285	3296.207
[16817]	3283.791	3145.570	3205.526	3191.791	3360.704	3239.315	3285.553	3246.751
[16825]	3339.330	3178.032	3169.886	3435.979	3485.085	3308.220	3129.553	3131.047
[16833]	3359.728	3022.711	3076.603	3443.983	3064.540	3213.375	3182.899	3332.036
[16841]	3375.609	3246.502	3403.229	3329.692	3077.817	3063.882	3129.913	3094.927
[16849]	3412.509	3340.921	3239.107	3259.877	3386.717	3128.123	3173.604	3365.436
[16857]	3024.666	3338.519	3171.133	3292.684	3184.514	3310.271	3227.504	3230.125
[16865]	3142.120	3385.894	3152.659	3127.822	3315.173	3313.969	3245.526	3276.453
[16873]	3374.410	3151.252	3402.181	3368.027	3235.073	3228.641	3352.123	3321.293
[16881]	3449.481	3305.042	3231.866	3323.767	3295.442	3565.031	3290.329	3210.059
[16889]	3455.298	3300.741	3245.737	3218.621	3359.448	3102.441	3438.276	3154.102
[16897]	3368.770	3149.254	3063.125	3262.341	3208.302	3120.366	3332.598	3129.978
[16905]	3352.609	3222.071	3365.172	3071.500	3358.988	3142.303	3101.154	3253.127
[16913]	3577.472	3373.223	3118.425	3360.419	3507.464	3033.914	3178.045	3333.370
[16921]	3259.810	3436.574	3043.149	3212.277	3189.593	3238.106	3257.753	3299.789
[16929]	3446.024	3145.306	3370.420	3384.047	3120.371	3353.797	3213.824	3350.289
[16937]	3183.794	3330.726	3197.886	3314.547	3260.136	3184.314	3412.204	3163.034
[16945]	3178.795	3440.492	3106.533	3130.454	3357.720	3316.819	3230.383	3299.498
[16953]	3274.175	3185.784	3348.946	3307.216	3462.390	3096.354	3431.967	3347.299
[16961]	3268.242	3184.927	3167.713	3089.501	3473.009	3468.868	3079.569	3487.907
[16969]	3443.949	3080.362	3136.505	3118.010	3104.065	3267.806	3321.681	3427.772
[16977]	3083.073	2971.380	3478.777	3137.120	3197.166	3245.278	3264.904	3576.186
[16985]	3401.983	3206.101	3425.514	3437.550	3299.041	3152.714	3202.952	3256.597
[16993]	3220.661	3386.743	3153.199	3143.156	3311.950	3207.834	3420.566	3458.495
[17001]	3449.466	3242.145	3155.885	3343.372	3199.854	3378.164	3316.414	3215.701
[17009]	3244.854	3201.295	3202.275	3195.955	3320.703	3345.534	3312.505	3243.705
[17017]	3180.290	3225.884	3276.664	3283.348	3387.881	3139.687	3036.600	3043.409
[17025]	2923.016	3454.375	3119.021	3409.328	3302.090	3235.338	3179.658	3061.313
[17033]	3207.278	3235.531	3189.602	3433.403	3212.573	3209.963	3221.331	3450.783
[17041]	3336.338	3286.473	3256.217	3264.617	3288.995	3253.451	3338.232	3275.824
[17049]	3115.710	3422.106	3097.654	3370.224	3240.900	3164.419	3199.740	3353.791
[17057]	3303.156	3230.516	3239.928	3283.151	3179.733	3226.769	3396.775	3203.684
[17065]	3051.005	3266.528	3160.690	3254.164	3223.064	3271.672	3297.769	3329.825
[17073]	3308.654	3193.682	3188.339	3390.770	3388.964	3347.172	3078.970	3190.657

[17081]	3265.955	3241.823	3218.149	3319.906	3245.428	3283.779	3587.146	3339.684
[17089]	3280.566	3387.907	3553.134	3043.878	3096.080	3369.931	3269.843	3350.027
[17097]	3211.299	3142.884	3375.494	3237.404	3183.078	3348.425	3188.328	3293.653
[17105]	3283.243	3187.673	3111.405	3268.022	3271.685	3291.900	3251.822	3385.304
[17113]	3134.855	3425.807	3295.358	3394.162	3439.850	3054.203	3120.846	3326.953
[17121]	3283.616	3274.391	3328.648	3288.349	3242.311	3242.311	3321.470	3327.274
[17129]	3190.007	3293.766	3297.406	3116.852	3278.430	3211.628	3177.272	3219.692
[17137]	3285.669	3297.041	3224.756	3226.082	3447.260	3066.694	3312.963	3205.411
[17145]	3006.890	3031.924	3108.149	3412.605	3181.506	3281.180	3329.550	3302.032
[17153]	3189.802	3136.729	3273.171	3273.797	3252.720	3298.599	3529.117	3063.193
[17161]	3469.383	3132.303	3209.404	3259.347	3316.456	3139.149	3322.656	3329.367
[17169]	3398.449	3345.264	3145.563	3113.798	3279.007	3220.555	3370.994	3322.213
[17177]	3196.550	3303.503	3164.905	3113.674	3008.867	3456.809	3373.717	3148.919
[17185]	3429.537	3252.007	3291.418	3150.553	3244.708	3311.319	3355.224	3220.093
[17193]	3349.402	3245.658	3321.973	3318.301	3591.478	2904.106	3191.456	3307.998
[17201]	3173.242	3158.684	3184.029	3330.306	3198.259	3218.331	3233.617	3286.351
[17209]	3324.204	3206.198	3285.779	3190.492	3288.848	3204.777	3224.130	3025.550
[17217]	3231.966	3179.394	3297.024	3397.928	3112.230	3139.547	3415.733	3210.457
[17225]	3133.397	3151.142	3330.029	3284.775	3172.041	3161.793	3159.901	3209.654
[17233]	3287.342	3327.056	3156.581	3026.304	3287.707	3207.348	3132.076	3116.358
[17241]	3377.078	3370.412	3168.179	3472.936	3192.199	3368.854	3177.558	3521.830
[17249]	3553.696	3487.324	3057.443	3229.838	3323.748	3157.121	3170.353	3152.899
[17257]	3175.448	3333.488	3481.421	3057.927	3468.942	3329.696	3230.506	3264.557
[17265]	3320.641	3101.533	3236.051	3157.554	3203.485	3240.567	3237.314	3284.212
[17273]	3202.292	3177.790	3133.894	3186.813	3303.727	3255.905	3309.018	3172.193
[17281]	3327.264	3172.003	3442.221	3270.039	3252.420	3172.350	3433.563	3364.726
[17289]	3351.049	3259.723	3213.672	3319.422	3455.408	3082.389	3398.458	3215.561
[17297]	3469.753	3396.727	3093.113	3256.268	3285.712	3195.216	3321.710	3197.093
[17305]	3319.720	3076.415	3271.923	3424.362	3046.771	3033.636	3165.234	3236.739
[17313]	3251.488	3261.478	3255.334	3257.427	3181.197	3353.167	3291.924	3335.107
[17321]	3303.271	3202.001	3159.705	3181.367	3179.437	3202.713	3173.330	3282.752
[17329]	3311.388	3243.167	3200.053	3256.299	3383.163	3464.958	3502.051	2956.634
[17337]	3362.044	3377.962	3282.407	3172.416	3172.007	3162.903	3295.690	3300.293
[17345]	3092.966	3292.607	3092.689	3406.280	3156.718	3422.465	3351.741	3435.365
[17353]	3307.835	3193.079	3183.624	3157.107	3344.257	3257.547	3270.250	3187.672
[17361]	3330.908	3337.654	3214.171	3190.881	3360.659	3498.809	3239.058	3270.781
[17369]	3448.103	3482.081	3543.910	3136.649	3300.078	3293.269	3214.868	3085.887
[17377]	3266.560	3251.684	3201.707	3352.247	3358.786	3142.213	3313.559	3315.587
[17385]	3206.928	3536.519	3527.053	3090.941	3506.806	3471.914	3039.733	3393.822
[17393]	3185.105	3309.480	3307.926	3154.121	3205.324	3208.975	3183.608	3489.834
[17401]	3083.641	3176.203	3290.771	3272.229	3325.195	3230.868	3322.764	3276.905
[17409]	3240.623	3345.552	3246.774	3302.813	3189.127	3300.050	3301.076	3241.562
[17417]	3346.825	3325.784	3211.833	3285.485	3358.739	3236.563	3271.439	3334.315

[17425]	3272.143	3307.882	3326.623	3247.972	3126.022	3468.525	3137.600	3272.128
[17433]	3198.416	3155.662	3265.503	3359.424	3398.844	3331.020	3295.152	3150.822
[17441]	3415.395	3099.671	3351.530	3238.012	3255.809	3297.184	3298.265	3192.655
[17449]	3211.091	3244.247	3361.407	3159.935	3328.970	3290.449	3254.492	3348.608
[17457]	3276.149	3197.619	3209.728	3104.886	3454.213	3094.465	3173.848	3276.885
[17465]	3376.938	3406.927	3314.892	3374.394	3356.197	3276.233	3220.845	3144.556
[17473]	3425.602	3133.888	3248.379	3301.293	3271.217	3173.249	3261.734	3248.076
[17481]	3307.328	3319.625	3079.876	3205.122	3370.584	3148.004	3262.792	3374.789
[17489]	3159.687	3572.077	3369.943	3294.333	3250.584	3307.059	3414.005	3202.476
[17497]	3190.130	3244.196	3110.521	3168.884	3258.034	3097.832	3273.939	3288.046
[17505]	3255.031	3203.572	3248.853	3255.201	3162.722	3309.477	3344.675	3165.955
[17513]	3145.192	3310.235	3275.929	3102.103	3461.219	3210.265	3213.944	3296.087
[17521]	3246.854	3311.817	3313.276	3419.670	3488.339	3305.694	3217.724	3439.227
[17529]	3098.887	3130.135	3198.860	3247.728	3308.979	3347.343	3270.109	3159.372
[17537]	3217.211	3394.338	3362.492	3453.711	3543.754	3011.526	3544.304	2984.474
[17545]	3354.641	3228.554	3250.308	3136.822	3416.496	3146.315	3188.240	3118.743
[17553]	3431.309	3429.342	3559.912	3445.782	3400.783	3353.021	3166.733	3353.208
[17561]	3217.829	3245.697	3116.233	3430.229	3625.851	3191.237	3121.698	3194.851
[17569]	3306.328	3290.214	3143.302	3305.830	3160.502	3601.265	3576.101	2938.780
[17577]	3115.927	3408.218	3234.925	3224.469	3288.935	3312.310	3190.843	3168.086
[17585]	3259.230	3245.607	3304.436	3153.306	3110.859	3444.430	3453.629	3193.565
[17593]	3270.111	3342.460	3162.657	3204.319	3191.640	3287.728	3233.699	3211.916
[17601]	3264.740	3301.149	3218.731	3257.237	3249.751	3221.553	3317.323	3436.263
[17609]	3497.170	3112.559	3391.096	3128.800	3176.102	3206.325	3438.957	3066.712
[17617]	3197.623	3249.227	3222.478	3219.299	3259.636	3279.721	3139.914	3330.027
[17625]	3246.796	3319.839	3127.687	3273.072	3232.308	3312.837	3376.672	3369.723
[17633]	3257.985	3322.742	3303.105	3118.803	3322.354	3499.884	3058.857	3216.333
[17641]	3274.024	3368.231	3129.275	3300.408	3191.602	3234.800	3084.967	2957.812
[17649]	3589.853	2939.261	3537.302	3559.059	3487.313	3313.419	3081.798	3302.514
[17657]	3302.163	3175.763	3191.204	3251.276	3316.473	3259.160	3132.563	3361.226
[17665]	3062.460	3036.443	3331.013	3136.884	3292.458	3198.039	3116.999	3198.340
[17673]	3233.584	3233.584	3333.101	3429.958	3337.567	3183.371	3045.404	3117.072
[17681]	3279.821	3120.113	3315.597	3187.754	3192.913	3309.569	3303.175	3278.706
[17689]	3263.825	3223.709	3284.226	3256.547	3298.183	3359.038	3203.525	3258.630
[17697]	3338.689	3334.543	3331.978	3427.899	3530.500	3370.786	3289.870	3290.399
[17705]	3301.391	3271.284	3285.826	3183.656	3127.319	3176.952	3193.994	3280.839
[17713]	3206.296	3191.684	3315.440	3290.650	3256.593	3061.289	3313.429	3313.481
[17721]	3318.497	3397.179	3186.542	3170.263	3400.123	3326.787	3287.337	3195.880
[17729]	3286.083	3194.302	3216.242	3364.877	3191.084	3191.590	3327.152	3235.589
[17737]	3275.294	3354.070	3182.054	3138.029	3102.321	3407.490	3076.172	2920.738
[17745]	3037.526	3067.941	3475.538	3373.260	3321.098	3173.015	3247.202	3453.461
[17753]	3544.591	3360.972	3297.654	3406.902	3517.119	3269.636	3270.403	3262.594
[17761]	3259.948	3248.846	3308.159	3285.612	3279.352	3221.817	3195.190	3159.025



[17769]	3455.261	3072.267	3274.460	3174.693	3290.113	3157.348	3156.074	3229.746
[17777]	3258.779	3344.299	3381.135	3137.778	3374.470	3396.763	2954.617	3372.891
[17785]	3161.012	3385.133	3208.744	3306.774	3200.471	3211.828	3285.926	3224.636
[17793]	3596.195	3137.630	3400.120	3203.278	3171.134	3258.239	3201.860	3250.834
[17801]	3347.715	3281.676	3264.887	3337.097	3178.879	3246.850	3225.292	3287.128
[17809]	3310.159	3263.359	3283.836	3033.699	3332.721	3092.843	3125.631	3343.427
[17817]	3137.454	3128.352	3430.616	3099.511	3384.234	3378.503	3355.621	3310.848
[17825]	3157.072	3368.776	3302.608	3276.990	3244.404	3229.503	3361.146	3249.689
[17833]	3370.215	3215.085	3244.271	3202.185	3309.792	3188.096	3316.107	3246.072
[17841]	3299.017	3277.235	3266.850	3213.535	3365.358	3204.959	3234.587	3311.085
[17849]	3354.426	3343.758	3230.942	3309.713	3309.582	3236.306	3144.307	3108.340
[17857]	3220.923	3309.953	3360.310	3135.938	3065.550	3160.912	3326.619	3198.618
[17865]	3500.143	3453.497	3458.489	3458.856	3220.118	3219.755	3295.528	3267.469
[17873]	3257.356	3030.180	3233.321	3236.918	3278.979	3243.202	3417.374	3134.255
[17881]	3227.979	3363.689	3209.385	3380.870	3226.672	3219.325	3398.270	3199.913
[17889]	3409.868	3109.210	3315.754	3391.290	3133.249	3094.887	3312.940	3273.709
[17897]	3285.205	3238.710	3362.637	3224.914	3168.840	3421.308	3181.204	3515.947
[17905]	3068.266	3298.648	3166.278	3184.916	3203.180	3332.331	3176.109	3304.458
[17913]	3192.386	3385.399	3364.835	3378.822	3181.297	3199.759	3233.611	3352.389
[17921]	3228.878	3127.068	3090.702	3274.533	3254.484	3253.037	3347.374	3177.288
[17929]	3307.108	3197.855	3229.497	3346.984	3360.444	3133.182	3121.013	3266.982
[17937]	3296.353	3191.846	3326.147	3117.918	3300.253	3175.370	3269.372	3351.953
[17945]	3128.157	3199.481	3216.441	3264.771	3109.404	3449.614	3181.840	3270.726
[17953]	3270.632	3211.040	3189.037	3350.844	3320.876	3281.458	3231.922	3169.565
[17961]	3279.389	3375.555	3418.619	3399.304	3184.220	3330.423	3233.357	3266.457
[17969]	3205.805	3346.865	3233.510	3166.781	3323.523	3323.792	3245.023	3109.289
[17977]	3168.624	3099.400	3108.865	3253.426	3275.441	3447.165	3055.470	3424.974
[17985]	3284.907	3273.127	3181.495	3304.124	3304.503	3207.433	3230.318	3389.803
[17993]	3085.204	3483.654	3558.353	3052.904	3231.796	3302.570	3352.640	3211.224
[18001]	3295.390	3073.981	3327.207	3224.183	3313.995	3316.373	3131.895	3286.631
[18009]	3287.005	3241.254	3130.819	3310.106	3260.518	3308.146	3204.759	3340.713
[18017]	3188.319	3335.789	3275.441	3300.962	3255.971	3317.064	3317.064	3174.324
[18025]	3188.997	3170.544	3357.174	3046.718	3114.087	3134.664	3173.084	3331.881
[18033]	3394.413	3111.512	3073.681	3293.782	3238.293	3254.688	3228.231	3294.572
[18041]	3244.645	3307.662	3244.498	3250.276	3072.211	3147.899	3246.099	3318.563
[18049]	3302.876	3313.235	3317.200	3360.350	3140.468	3212.225	3326.179	3229.745
[18057]	3250.498	3419.354	3039.401	3280.857	3216.013	3187.931	3545.599	3029.066
[18065]	3520.301	3399.543	3089.441	3280.740	3204.316	3336.590	3161.019	3282.885
[18073]	3224.873	3151.570	3141.603	3174.592	3306.578	3100.767	3419.790	3281.329
[18081]	3271.929	3191.732	3177.837	3249.044	3126.123	3409.829	3374.755	3348.969
[18089]	3233.091	3344.980	3137.960	3335.735	3401.993	3115.410	3044.391	3071.721
[18097]	3477.971	3201.404	3152.682	3267.524	3236.766	3183.119	3304.023	3210.442
[18105]	3210.853	3385.086	3484.612	3202.215	3278.802	3292.836	3468.280	3200.932

[18113]	3249.386	3227.126	3139.617	3300.192	3378.054	3277.257	3189.185	3084.962
[18121]	3462.111	3149.534	3144.498	3192.828	3239.075	3351.335	3224.656	3192.908
[18129]	3253.174	3217.242	3263.664	3277.753	3354.967	3350.485	3346.580	3210.266
[18137]	3275.504	3084.359	3231.429	3210.797	3308.714	3282.287	3194.668	3224.976
[18145]	3229.597	3223.427	3203.716	3334.275	3297.548	3268.362	3395.902	3181.985
[18153]	3335.677	3385.235	3167.943	3332.376	3125.011	3572.726	2961.194	3586.165
[18161]	3447.611	3397.454	3258.931	3406.684	3277.086	3203.152	3286.310	3549.801
[18169]	3524.455	3582.409	3568.501	3054.086	3470.429	3273.198	3173.591	3166.789
[18177]	3173.000	3289.729	3268.054	3261.152	3181.828	3348.891	3161.571	3261.122
[18185]	3458.537	3286.782	3307.991	3081.634	3102.206	3508.402	3288.109	3311.703
[18193]	3308.595	3356.120	3358.282	3155.456	3345.375	3143.765	3164.271	3297.606
[18201]	3197.262	3045.675	3426.507	3239.490	3211.130	3416.752	3205.627	3236.447
[18209]	3397.338	3230.439	3330.022	3333.535	3353.929	3271.094	3288.664	3087.776
[18217]	3415.766	3360.068	3041.569	3339.718	3344.437	3263.444	3231.820	3232.892
[18225]	3256.224	3247.937	3298.822	3199.151	3326.921	3003.572	3073.161	3184.478
[18233]	3127.262	3283.190	3231.284	3275.064	3184.693	3168.267	3302.647	3248.853
[18241]	3174.616	3376.587	3208.694	3190.267	3438.897	3278.982	3191.191	3138.405
[18249]	3131.339	3384.156	3067.649	3039.834	3097.135	3245.897	3201.114	3265.164
[18257]	3274.780	3304.822	3310.659	3197.924	3407.099	3078.541	3089.525	3438.320
[18265]	3239.129	3170.793	3426.198	3247.591	3280.532	3375.303	3279.478	3245.062
[18273]	3275.299	3224.799	3271.402	3167.443	3342.872	3036.713	3453.439	3069.574
[18281]	3249.672	3302.983	3216.563	3212.943	3312.785	3237.054	3299.178	3357.919
[18289]	3447.718	3169.874	3349.913	3298.733	3216.908	3282.950	3023.605	3445.914
[18297]	3171.427	3257.596	3298.092	3345.222	3138.675	3296.673	3065.079	3169.639
[18305]	2966.451	3394.630	3193.052	3211.805	3135.766	3059.461	3269.447	3162.833
[18313]	3271.194	3298.027	3290.025	3296.213	3282.991	3331.359	3110.835	3340.213
[18321]	3234.500	3225.001	3208.716	3262.460	3168.747	3312.070	3111.944	3215.982
[18329]	3224.479	3311.224	3206.159	3336.939	3315.200	3385.684	3252.504	3292.227
[18337]	3273.918	3292.554	3333.051	3178.570	3218.056	3248.292	3405.446	3108.950
[18345]	3405.464	3087.523	3356.016	3257.235	3115.723	3179.592	3183.563	3080.627
[18353]	3474.166	3001.815	3023.122	3518.996	3307.367	3346.099	3370.821	3176.902
[18361]	3359.557	3332.536	3298.959	3282.748	3194.003	3277.199	3334.838	3196.300
[18369]	3210.411	3280.121	3439.913	3261.439	3163.608	3233.120	3218.136	3261.631
[18377]	3182.777	3342.002	3316.767	3251.103	3211.040	3219.162	3201.241	3373.577
[18385]	3218.479	3269.276	3293.372	3251.508	3254.146	3238.801	3206.847	3094.043
[18393]	3110.082	3135.407	3188.990	3199.087	3357.186	3391.383	3378.001	3172.829
[18401]	3156.772	3060.667	3198.124	3236.794	3250.394	3142.105	3205.529	3381.223
[18409]	3173.895	3039.654	3030.315	3061.098	3376.704	3204.365	3276.007	3346.341
[18417]	3192.238	3394.763	3256.738	3266.765	3101.472	3426.835	3403.922	3429.055
[18425]	3441.441	3115.823	3118.611	3144.004	3456.016	3450.720	3445.457	3442.599
[18433]	3165.206	3433.499	3449.915	3259.226	3257.025	3393.045	3107.514	3148.204
[18441]	3393.418	3285.876	3403.557	3190.142	3255.082	3295.788	3328.074	3179.266
[18449]	3124.737	3130.033	3200.398	3185.767	3164.305	3474.685	3155.710	3279.309

[18457]	3232.358	3178.625	3170.086	3314.655	3374.585	3384.268	3353.652	3209.045
[18465]	3264.097	3326.227	3315.614	3234.094	3178.227	3313.906	3262.844	3170.312
[18473]	3317.312	3401.174	3106.951	3067.526	3437.399	3288.625	3217.503	3405.006
[18481]	3410.227	3117.378	3421.354	3085.305	3170.110	3143.383	3450.224	3246.748
[18489]	3352.758	3104.562	3387.562	3236.772	3267.193	3280.595	3356.683	3322.254
[18497]	3304.984	3370.837	3562.971	3499.453	3116.046	3252.816	3180.493	3334.435
[18505]	3234.557	3238.012	3229.792	3219.011	3128.861	3214.358	3166.343	3142.651
[18513]	3257.507	3329.012	3360.840	3207.612	3346.309	3290.754	3289.543	3280.380
[18521]	3235.286	3136.999	3434.258	3453.622	3298.604	3278.348	3231.919	3255.749
[18529]	3217.318	3261.173	3469.443	3036.702	3247.523	3091.230	3236.329	3276.038
[18537]	3312.159	3344.362	3267.070	3248.654	3279.274	3280.489	3159.590	3135.640
[18545]	3302.037	3278.813	3321.374	3197.533	3352.881	3111.320	3160.436	3050.650
[18553]	3020.432	3255.445	3280.818	3287.329	3507.532	3234.807	3213.160	3147.683
[18561]	3432.220	3399.098	3246.935	3292.058	3241.671	3276.790	3393.797	3297.524
[18569]	3259.137	3477.400	3322.492	3362.246	3421.893	3377.034	3066.302	3186.702
[18577]	3361.441	3109.540	3296.109	3286.891	3242.122	3352.621	3192.133	3283.344
[18585]	3334.616	3303.598	3358.702	3592.007	3394.154	3117.028	3262.940	3239.800
[18593]	3317.938	3140.874	3244.923	3200.148	3175.605	3116.088	3141.771	3128.109
[18601]	3448.068	3230.193	3230.644	3205.739	3267.605	3354.968	3330.554	3256.425
[18609]	3268.935	3325.202	3201.283	3055.778	3354.467	3145.822	3085.362	3104.174
[18617]	3194.691	3210.229	3135.338	3168.799	3349.211	3251.586	3273.806	3264.083
[18625]	3129.819	3110.676	3225.477	3245.744	3373.940	3239.368	3264.416	3393.562
[18633]	3359.532	3045.465	3207.298	3270.095	3289.186	3225.302	3319.946	3323.124
[18641]	3234.046	3245.376	3030.051	3491.572	3145.246	3207.909	3198.704	3156.765
[18649]	3235.349	3338.022	3268.472	3173.766	3362.111	3287.666	3187.357	3133.412
[18657]	3070.574	3462.985	3244.348	3162.885	3253.300	3285.764	3054.364	3196.634
[18665]	3077.062	3419.063	3131.082	3056.044	3220.333	3277.771	3311.139	3204.799
[18673]	3426.849	3207.212	3159.379	3179.810	3176.848	3313.427	3250.793	3281.266
[18681]	3210.462	3343.554	3274.589	3214.418	3208.564	3278.811	3218.949	3335.458
[18689]	3182.224	3294.918	3302.805	3388.399	3338.438	3192.091	3406.365	3206.323
[18697]	3311.687	3069.678	3082.932	3239.491	3198.173	3341.902	3217.106	3386.724
[18705]	3320.274	3364.439	3400.651	3081.832	3415.039	3232.575	3150.849	3340.558
[18713]	3209.226	3268.765	3101.220	3186.412	3233.331	3283.897	3192.160	3327.315
[18721]	3203.359	3290.077	3430.782	3300.254	3258.819	3281.574	3275.853	3054.498
[18729]	3208.542	3223.193	3276.294	3187.050	3221.141	3331.038	3147.996	3340.856
[18737]	3273.732	3147.100	3352.217	3068.997	3290.889	3406.877	3169.714	3341.725
[18745]	3110.471	3418.353	3167.600	3324.828	3388.871	3056.106	3452.395	3398.823
[18753]	3073.070	3401.800	3210.694	3140.627	3247.071	3228.693	3259.939	3075.376
[18761]	3069.106	3294.451	3260.374	3227.210	3215.094	3251.923	3249.611	3236.136
[18769]	3335.435	3269.868	3297.417	3221.903	3278.936	3242.584	3427.332	3122.094
[18777]	3405.114	3205.436	3365.757	3165.223	3205.845	3189.633	3324.629	3346.468
[18785]	3290.473	3470.747	3041.162	3063.576	3438.872	3348.947	3295.301	3234.494
[18793]	3238.195	3245.223	3222.498	3314.885	3347.776	3345.516	3377.173	3257.908

[18801]	3306.825	3262.287	3235.961	3445.642	3415.873	3468.233	3222.490	3397.347
[18809]	3354.653	3270.004	3312.163	3260.720	3291.543	3310.507	3319.143	3357.241
[18817]	3197.338	3317.852	3139.008	3201.168	3228.182	3246.494	3254.877	3247.725
[18825]	3199.079	3171.687	2997.615	3510.039	3082.411	3346.520	3228.627	3320.637
[18833]	3137.731	3424.529	3407.760	3361.357	3287.750	3258.260	3295.694	3077.246
[18841]	3314.900	3295.875	3330.794	3310.386	3235.223	3238.515	3242.309	3316.170
[18849]	3267.727	3329.858	3398.965	3288.982	3303.301	3211.912	3168.940	3134.167
[18857]	3098.264	3100.433	3015.805	3440.184	3232.299	3299.503	3453.915	3452.750
[18865]	3354.820	3168.754	3370.679	3175.650	3204.327	3293.477	3276.349	3281.184
[18873]	3328.015	3176.473	3330.764	3203.920	3328.361	3320.173	3346.108	3437.877
[18881]	3186.068	3259.245	3409.892	3226.900	3267.720	3266.435	3473.917	3076.002
[18889]	3245.941	3252.417	3338.620	3335.775	3156.811	3159.778	3340.152	3310.642
[18897]	3306.743	3311.488	3247.578	3360.665	3327.972	2971.521	3524.523	3312.764
[18905]	3186.668	3109.328	3437.346	3208.880	3411.707	3285.149	3255.147	3083.967
[18913]	2984.290	2971.070	3010.709	3368.352	3351.146	3449.401	3316.788	3305.038
[18921]	3158.498	3352.190	3166.500	3098.811	3422.912	3187.504	3082.097	3322.614
[18929]	3339.762	3256.269	3289.849	3210.999	3294.685	3286.748	3278.129	3284.722
[18937]	3345.783	3354.299	3390.840	3199.190	3353.847	3181.086	3207.608	3276.294
[18945]	3252.815	3294.683	3295.855	3344.371	3327.588	3369.047	3386.645	3273.926
[18953]	3184.384	3367.180	3234.358	3328.056	3152.702	3278.347	3180.001	3281.578
[18961]	3259.661	3211.890	3395.166	3317.107	3316.831	3189.635	3133.082	3425.097
[18969]	3291.533	3304.282	3276.839	3259.574	3293.910	3114.389	3297.235	3150.856
[18977]	3354.659	3000.186	3458.880	3051.015	3449.095	3366.606	3171.182	3380.940
[18985]	3264.430	3488.399	3426.273	3465.319	3299.578	3218.654	3224.660	3435.099
[18993]	3371.601	3052.534	2993.423	2890.017	3613.223	3438.191	3473.942	3011.857
[19001]	3046.111	3089.740	3210.510	3169.209	3346.002	3276.812	3392.501	3103.487
[19009]	3363.801	3326.201	3352.355	3056.958	3486.317	3516.447	2956.006	3476.446
[19017]	3153.013	3335.684	3213.560	3336.627	3185.183	3334.333	3191.638	3368.248
[19025]	3177.450	3343.055	3225.677	3313.708	3260.459	3264.331	3301.268	3160.731
[19033]	3423.505	3451.783	2916.131	2894.979	3380.348	3132.083	3235.184	3316.045
[19041]	3200.841	3066.189	3525.127	3512.671	3229.066	3229.066	3221.036	3356.230
[19049]	3216.311	3234.696	3332.808	3196.490	3292.576	3287.916	3374.083	3278.944
[19057]	3115.003	3228.310	3411.485	3428.856	3212.221	3135.330	3269.562	3249.652
[19065]	3172.293	3200.295	3334.403	3247.570	3293.117	3285.870	3207.728	3201.753
[19073]	3200.696	3234.870	3322.973	3211.011	3242.220	3309.139	3365.790	3503.360
[19081]	3136.609	3189.159	3223.704	3263.893	3305.587	3293.418	3236.803	3238.767
[19089]	3180.086	3069.393	3448.705	3475.529	3197.884	3181.590	3296.880	3242.662
[19097]	3388.701	3152.725	3135.856	3323.494	3350.655	3118.386	3140.032	3379.416
[19105]	3270.106	3418.708	2954.622	3197.627	3305.699	3220.793	3278.967	3347.271
[19113]	3137.621	3327.626	3238.342	3132.260	3333.610	3317.407	3202.937	3273.858
[19121]	3357.054	3145.781	3431.913	3578.427	3471.461	3178.638	3473.757	3391.943
[19129]	3172.122	3331.360	3322.684	3329.943	3322.534	3267.170	3211.665	3145.126
[19137]	3175.589	3346.998	3413.232	3389.772	3429.912	3082.714	3121.713	3332.122

[19145]	3267.327	3341.209	3356.536	3448.086	3102.298	3291.406	3126.765	3397.413
[19153]	3393.163	3103.065	3192.151	3294.452	3333.914	3309.171	3118.422	3285.253
[19161]	3267.135	3242.785	3337.190	3174.730	3132.619	3224.652	3311.177	3186.351
[19169]	3217.831	3268.041	3198.888	3146.781	3257.870	3057.220	3425.522	3344.903
[19177]	3431.741	3368.127	3172.288	3230.373	3514.443	3261.375	3299.274	3237.308
[19185]	3338.653	3314.194	3331.109	3243.054	3390.378	3152.567	3304.603	3207.552
[19193]	3082.213	3510.881	3302.896	3309.967	3099.356	3127.549	3384.965	3374.303
[19201]	3279.978	3323.557	3280.716	3245.284	3258.012	3510.079	3304.884	3300.445
[19209]	3439.562	3300.633	3306.686	3182.792	3338.419	3157.402	3378.030	3322.609
[19217]	3248.576	3259.308	3297.699	3340.790	3141.310	3425.511	3352.389	3235.202
[19225]	3294.678	3288.781	3196.557	3364.815	3347.346	3289.318	3335.222	3166.143
[19233]	3406.671	3057.093	3233.781	3380.589	3160.030	3103.100	3141.232	3177.276
[19241]	3239.272	3267.162	3254.423	3341.614	3531.273	3192.504	3314.597	3219.403
[19249]	3311.533	3261.484	3172.480	3237.496	3217.329	3291.271	3199.976	3192.188
[19257]	3237.038	3235.478	3191.586	3234.179	3059.038	3248.096	3352.092	3100.804
[19265]	3286.443	3179.599	3215.496	2988.878	2949.583	3231.604	3262.460	3369.902
[19273]	3158.534	3303.643	3264.961	3265.656	3270.969	3262.282	3214.911	3346.062
[19281]	3258.802	3213.974	3225.693	3153.476	3239.953	3354.020	3161.004	3200.466
[19289]	3248.995	3266.866	3294.307	3208.852	3250.770	3367.283	3353.015	3042.346
[19297]	3484.487	3100.665	3144.982	3248.907	3326.188	3299.495	3204.132	3339.273
[19305]	3246.670	3026.378	3272.360	3315.629	3381.567	3279.713	3206.661	3293.480
[19313]	3253.253	3391.539	3408.250	3185.041	3280.379	3228.984	3214.890	3365.595
[19321]	3176.948	3287.217	3430.447	3213.620	3259.724	3187.929	3433.039	3375.414
[19329]	3189.824	3209.623	3096.181	3349.983	3263.997	3307.548	3177.399	3349.066
[19337]	3336.027	3398.849	3258.903	3231.780	3344.110	3246.354	3249.820	3230.426
[19345]	3145.966	3174.101	3351.041	3401.748	2969.282	3305.124	3208.079	3219.867
[19353]	3155.873	3174.966	3306.292	3333.855	3330.644	3346.658	3214.052	3157.423
[19361]	3393.935	3281.951	3090.016	3247.779	3267.589	3246.643	3448.051	3273.443
[19369]	3252.826	3181.150	3298.023	3234.105	3300.821	3259.576	3273.255	3326.913
[19377]	3273.866	3218.867	3277.014	3281.228	3187.272	3209.956	3271.674	3260.669
[19385]	3293.392	3181.779	3199.926	3195.037	3088.773	3373.916	3302.723	3199.198
[19393]	3267.673	3294.808	3132.958	3286.170	3235.890	3489.270	3269.689	3305.075
[19401]	3319.869	3172.230	3314.008	3404.913	3134.565	3136.545	3232.952	3188.239
[19409]	3111.833	3083.194	3429.694	3287.885	3389.523	3400.198	3176.635	3130.876
[19417]	3370.513	3459.025	3406.098	3280.060	3102.989	3344.876	3284.064	3221.881
[19425]	3163.717	3129.902	3018.244	3316.531	3200.578	3382.064	3341.812	2989.621
[19433]	3243.134	3295.472	3310.470	3206.037	3357.483	3298.140	3326.997	3084.999
[19441]	3380.864	3236.511	3235.703	3267.710	3420.615	3413.568	3199.289	3158.381
[19449]	3150.374	3385.860	3135.067	3422.720	3356.453	3076.277	3109.257	3327.855
[19457]	3287.076	3306.756	3263.082	3239.908	3174.487	3355.374	3154.910	3237.308
[19465]	3170.569	3417.022	3424.977	3226.774	3289.810	3430.610	3071.387	3232.186
[19473]	3114.521	3266.710	3228.153	3279.671	3324.295	3199.716	3202.883	3319.734
[19481]	3269.608	3221.763	3170.157	3420.290	3253.878	3246.939	3318.701	3345.455

[19489]	3132.040	3339.954	3158.456	3256.996	3262.054	3199.709	3360.699	3193.304
[19497]	3394.238	3136.102	3347.339	3378.184	3205.126	3162.593	3170.124	3213.159
[19505]	3337.847	3245.456	3132.509	3239.874	3259.422	3153.078	3357.659	3337.351
[19513]	3166.203	3312.530	3435.088	3056.382	3288.065	3235.298	3437.972	3336.847
[19521]	3314.569	3337.168	3259.139	3260.404	3074.166	3297.148	3137.454	3195.045
[19529]	3257.404	3263.512	3332.207	3290.593	3242.529	3198.859	3305.378	3224.804
[19537]	3370.528	3336.604	3054.993	3165.331	3349.019	3247.212	3197.573	3216.344
[19545]	3227.222	3138.852	3212.130	3337.179	3237.353	3483.438	2954.994	2996.567
[19553]	3236.011	3248.136	3550.626	3044.232	3044.232	3485.265	3146.586	3378.191
[19561]	3152.501	3067.035	3459.535	3387.437	3224.870	3294.261	3211.929	3213.633
[19569]	3260.643	3273.225	3258.528	3323.660	3225.956	3241.317	3270.057	3267.807
[19577]	3476.138	3604.993	3706.495	3504.952	3107.152	3296.878	3428.153	3101.546
[19585]	3170.451	3326.684	3295.465	3438.568	3150.544	3390.235	3129.757	3212.770
[19593]	3284.867	3219.981	3223.750	3271.759	3276.845	3264.005	3409.028	3119.218
[19601]	3442.808	3005.280	3219.264	3258.810	3282.947	3335.524	3293.175	3209.214
[19609]	3221.582	3264.389	3307.903	3198.246	3276.685	3205.785	3300.824	3287.999
[19617]	3220.120	3261.607	3274.704	3342.597	3220.628	3416.493	3126.482	3377.528
[19625]	3211.536	3172.968	3215.266	3362.224	3192.081	3329.279	3156.191	3299.316
[19633]	3090.325	3355.275	3224.067	3248.563	3265.444	3276.425	3303.265	3368.876
[19641]	3138.846	3366.284	3204.866	3252.660	3316.313	3357.915	3336.696	3342.849
[19649]	3196.531	3158.297	3114.560	3343.311	3133.374	3234.737	3260.844	3297.959
[19657]	3325.374	3279.972	3227.608	3385.662	3161.194	3239.135	3149.770	3255.280
[19665]	3269.288	3243.190	3191.380	3382.198	3152.681	3160.274	3470.905	3508.320
[19673]	3241.965	3353.140	3175.360	3159.022	3243.272	3387.029	3143.403	3228.581
[19681]	3087.661	3064.410	3405.734	3211.676	3285.194	3195.121	3404.942	3371.539
[19689]	3069.894	3031.000	3042.439	2958.548	2969.234	3532.214	3487.172	3448.392
[19697]	2995.462	3089.108	3291.186	3246.232	3243.016	3139.012	3116.760	3117.708
[19705]	3169.347	3044.344	3207.246	3144.888	3346.450	3296.103	3184.562	3361.309
[19713]	3059.313	3459.457	3009.983	3512.096	3019.236	3078.385	3248.419	3283.000
[19721]	3363.662	3157.985	3049.135	3252.512	3408.075	3095.276	3162.758	3309.494
[19729]	3295.410	3295.469	3144.130	3252.532	3274.639	3291.100	3134.906	3031.692
[19737]	3463.223	3198.644	3337.455	3160.186	3221.347	3152.399	3146.780	3167.157
[19745]	3176.230	3367.875	3387.991	3067.292	3106.644	3418.082	3397.663	3123.353
[19753]	3353.991	3186.901	3126.622	3178.293	3187.805	3424.207	3374.093	3131.886
[19761]	3134.019	3133.029	3251.387	3238.495	3101.416	3344.459	3418.020	3414.670
[19769]	3151.774	3119.133	3173.733	3241.275	3231.594	3271.755	3209.887	3266.566
[19777]	3384.192	3327.185	3281.822	3280.323	3429.005	3338.684	3324.890	3172.987
[19785]	3338.065	3256.178	3169.596	3116.591	3393.264	3497.047	3234.729	3240.126
[19793]	3011.634	3431.647	3326.160	3451.955	3142.216	3389.450	3095.984	3237.701
[19801]	3240.496	3252.448	3299.871	3250.615	3277.166	3347.298	3109.932	3265.447
[19809]	3296.570	3210.845	3385.104	3335.482	3099.052	3267.471	3265.119	3220.749
[19817]	3136.357	3386.418	3233.637	3243.250	3201.835	3143.355	3227.824	3255.739
[19825]	3306.471	3129.308	3229.742	3189.367	3155.881	3253.759	3226.247	3235.748

[19833]	3265.188	3428.130	3366.702	3288.789	3241.614	3392.738	3219.710	3338.181
[19841]	3163.397	3371.892	3084.514	3411.310	3396.417	3249.336	3193.545	3097.170
[19849]	3419.664	3466.251	3087.497	3176.369	3127.731	3231.019	3362.134	3521.773
[19857]	3090.618	3102.322	3190.261	3372.595	3225.746	3266.462	3419.972	3055.193
[19865]	3009.604	3491.637	3247.038	3250.610	3384.254	3448.062	3090.616	3482.483
[19873]	3165.148	3172.483	3211.399	3364.701	3126.901	3055.492	3374.640	3279.589
[19881]	3280.751	3264.740	3297.587	3436.738	3330.249	3259.776	3217.012	3304.357
[19889]	3236.682	3375.088	3159.419	3336.473	3267.907	3225.851	3225.832	3333.781
[19897]	3292.788	3287.939	3173.967	3144.779	3315.571	3255.390	3327.790	3429.988
[19905]	3528.173	3066.595	3406.224	3324.331	3286.919	3264.644	3252.628	3309.619
[19913]	3231.333	3241.774	3347.638	3232.003	3171.319	3201.149	3197.286	3259.279
[19921]	3224.954	3289.067	3240.987	3284.385	3315.553	3198.538	3403.642	3313.880
[19929]	3295.271	3119.086	3308.266	3344.947	3050.991	3335.408	2988.884	3261.137
[19937]	3165.679	3153.169	3318.485	3174.345	3180.521	3229.931	3318.375	3041.180
[19945]	3501.758	3012.571	3169.951	3459.552	3106.654	3370.277	3157.975	3335.082
[19953]	3382.819	3257.479	3128.143	3336.238	3369.777	3158.936	3343.229	3186.788
[19961]	3362.302	3186.844	3388.927	3301.112	3238.523	3108.562	3146.556	3314.573
[19969]	3199.519	3373.840	3317.289	3290.606	3245.493	3283.359	3359.428	3382.306
[19977]	3217.257	3272.741	3314.379	3258.742	3347.343	3386.026	3396.020	3312.103
[19985]	3423.168	3400.367	3581.671	3623.068	3615.886	3516.013	3417.817	3072.299
[19993]	3459.436	3307.606	3263.594	3297.223	3227.530	3486.900	3091.106	3187.048
[20001]	3241.992	3267.080	3183.559	3353.747	3392.299	3348.627	3196.687	3209.967
[20009]	3208.334	3221.897	3227.891	3221.505	3302.266	3232.840	3443.013	3169.871
[20017]	3460.858	3117.056	3344.287	3223.743	3159.795	3189.363	3214.924	3120.694
[20025]	3210.840	3314.984	3143.093	3313.871	3302.047	3238.356	3131.098	3266.076
[20033]	3254.389	3189.573	3044.419	3210.498	3420.425	3336.280	3297.771	3258.624
[20041]	3246.444	3322.356	3404.143	3390.632	3158.340	3214.164	3400.798	3147.083
[20049]	3415.812	3437.919	3111.115	3261.752	3270.879	3145.281	3222.292	3220.603
[20057]	3354.616	3184.832	3176.385	3328.844	3044.748	3171.606	3356.797	3367.740
[20065]	3297.966	3221.361	3270.442	3250.613	3360.155	3221.006	3151.144	3333.889
[20073]	3358.881	3114.403	3068.284	3287.972	3195.094	3348.167	3397.402	3344.309
[20081]	3336.944	3347.639	3221.987	3358.193	3361.108	3338.434	3002.212	3232.230
[20089]	3288.896	3218.497	3227.044	3322.516	3034.008	3052.842	3027.874	3230.495
[20097]	3346.954	3453.134	3037.688	3513.541	3506.969	3492.092	3252.120	3365.926
[20105]	3164.293	3166.983	3311.924	3237.211	3287.736	3236.809	3409.093	3148.287
[20113]	3495.620	3419.380	3186.937	3317.667	3213.229	3115.000	3309.682	3313.040
[20121]	3395.027	3424.396	3400.377	3052.792	3133.461	3274.028	3260.244	3282.489
[20129]	3247.080	3294.053	3204.684	3349.359	3368.098	3143.843	3239.490	3142.842
[20137]	3143.086	3472.292	3126.960	3464.752	3430.075	3394.932	3105.329	3385.708
[20145]	3209.253	3412.174	3342.283	3285.409	3265.175	3387.351	3117.660	3171.658
[20153]	3350.554	3185.189	3253.500	3342.907	3236.960	3311.001	3183.111	3093.412
[20161]	3167.290	3099.384	3406.512	3207.319	3095.169	3464.896	2891.503	3616.553
[20169]	3330.218	3140.269	3387.245	3098.614	3381.379	3367.166	3359.201	3339.051

[20177]	3294.492	3255.554	3226.307	3327.976	3299.025	3245.188	3223.171	3236.683
[20185]	3209.378	3225.317	3274.912	3413.809	3146.740	3207.905	3266.690	3412.154
[20193]	3375.953	3203.538	3202.459	3390.048	3131.991	3403.239	3328.010	3222.649
[20201]	3265.474	3326.578	3015.878	3479.670	3236.522	3235.726	3079.389	3084.821
[20209]	3307.833	3189.886	3232.071	3230.938	3253.791	3280.020	3257.039	3281.180
[20217]	3170.150	3086.965	3178.133	3231.859	3423.924	3123.607	3280.379	3292.186
[20225]	3295.464	3175.536	3138.741	3168.800	3269.666	3070.867	3341.105	3164.407
[20233]	3280.255	3331.637	3364.234	3400.847	3089.372	3220.420	3364.613	3164.043
[20241]	3138.050	3419.137	3407.488	3370.446	3162.686	3410.682	3302.277	3286.235
[20249]	3272.424	3259.350	3328.185	3235.124	3267.371	3157.211	3223.274	3162.901
[20257]	3340.544	3210.241	3053.252	3472.498	3204.873	3305.487	3201.764	3274.322
[20265]	3319.751	3275.633	3321.392	3333.789	3176.428	3250.925	3299.081	3334.536
[20273]	3313.855	3147.531	3310.157	3067.678	3543.432	3308.581	3330.357	3141.187
[20281]	3230.913	3314.139	3151.105	3569.117	3019.920	3190.812	3385.882	3121.194
[20289]	3385.279	3203.394	3227.340	3412.466	3295.318	3334.754	3227.753	3252.700
[20297]	3254.107	3258.597	3260.991	3340.806	3335.606	3243.358	3278.121	3395.662
[20305]	3134.980	3379.858	3159.604	3396.758	3230.831	3286.915	3230.346	3367.244
[20313]	3129.787	3120.985	3397.144	3154.690	3357.019	3133.453	3101.442	3143.037
[20321]	3379.424	3257.743	3233.425	3249.804	3109.553	3199.103	3205.246	3300.257
[20329]	3283.963	3139.619	3248.550	3280.056	3308.547	3152.088	3268.490	3241.965
[20337]	3219.471	3220.409	3234.335	3123.327	3178.157	3138.467	3279.634	3156.763
[20345]	3483.462	3175.679	3301.131	3213.929	3180.520	3075.823	3112.191	3222.201
[20353]	3441.459	3453.436	3145.907	3455.197	3370.126	3254.302	3154.927	3207.231
[20361]	3522.454	3522.454	3011.865	3500.216	3445.595	3137.427	3365.903	3228.166
[20369]	3244.170	3212.275	2890.002	2882.238	3181.273	3295.992	3151.530	3271.819
[20377]	3248.406	3307.200	3142.208	3255.480	3182.552	3053.537	3145.115	3360.199
[20385]	3125.287	3310.709	3311.427	3349.271	3406.913	3082.209	3155.512	3295.768
[20393]	3204.725	3371.806	3254.794	3252.898	3232.905	3190.550	3349.395	3236.164
[20401]	3393.660	3450.458	3270.497	3355.080	3144.731	3398.354	3421.196	3379.227
[20409]	3215.283	3146.171	3433.062	3066.994	2922.797	3201.013	3180.965	3374.531
[20417]	3172.751	3220.214	3261.640	3295.234	3189.402	3284.841	3249.212	3160.590
[20425]	3149.395	3284.327	3284.327	3140.932	3124.953	3390.184	3159.625	3254.826
[20433]	3149.689	3187.515	3409.899	3143.979	3336.817	3373.654	3324.363	3155.936
[20441]	3217.310	3047.663	3040.112	3258.111	3186.912	3251.441	3310.867	3350.225
[20449]	3227.607	3347.736	3356.043	3148.333	3277.722	3253.183	3433.026	3308.934
[20457]	3296.470	3217.802	3127.153	3374.143	3405.400	3465.810	3291.265	3316.694
[20465]	3226.548	3413.914	3231.869	3163.304	3381.571	3187.281	3373.726	3309.700
[20473]	3264.710	3236.134	3206.449	3373.102	3143.773	3388.583	3211.896	3258.313
[20481]	3300.210	3286.072	3235.843	3330.780	3327.707	3370.268	3165.911	3306.510
[20489]	3316.226	3365.256	3330.627	3314.706	3189.338	3325.675	3205.051	3248.381
[20497]	3403.020	3033.620	3124.927	3062.504	3362.569	3167.211	3221.958	3340.365
[20505]	3320.088	3298.348	3300.739	3282.588	3205.605	3285.020	3271.020	3285.792
[20513]	3356.221	3462.390	3414.850	3094.755	3428.675	3276.444	3259.265	3302.163



[20521]	3112.822	3219.104	3246.382	3259.972	3279.780	3235.721	3170.452	3366.521
[20529]	3242.157	3154.622	3354.624	3377.122	3164.786	3392.669	3329.556	3308.572
[20537]	3252.281	3211.057	3286.675	3291.793	3456.473	3265.043	3139.286	3319.235
[20545]	3194.118	3305.851	3150.380	3224.509	3344.459	3126.236	3342.894	3247.474
[20553]	3291.612	3207.034	3200.831	3026.055	3153.717	3316.522	3429.767	3326.794
[20561]	3300.142	3158.038	3395.207	3125.637	3192.563	3214.498	3332.981	3135.519
[20569]	3209.034	3340.152	3304.607	3216.833	3083.608	3403.860	3240.081	3325.694
[20577]	3285.409	3250.592	3186.287	3411.684	3596.001	3107.691	3097.741	3172.747
[20585]	3364.983	3153.135	3151.958	3217.561	3254.490	3135.368	3225.287	3254.428
[20593]	3268.018	3256.462	3345.796	3067.362	3072.564	3135.322	3168.557	3274.383
[20601]	3085.586	3365.747	3312.238	3196.785	3333.133	3224.054	3099.957	3449.558
[20609]	3227.016	3177.698	3297.411	3245.213	3123.250	3143.794	3126.554	3212.340
[20617]	3145.072	3140.844	3321.479	3274.093	3310.292	3124.192	3497.520	3475.831
[20625]	3280.606	3380.958	3149.884	3206.392	3314.734	3237.908	3172.612	3231.405
[20633]	3240.341	3306.155	3288.710	3133.116	3372.049	3259.773	3151.400	3160.977
[20641]	3296.055	3374.475	3350.975	3189.926	3261.684	3183.770	3217.795	3137.421
[20649]	3123.406	3220.935	3271.133	3308.423	3257.230	3165.129	3363.862	3363.862
[20657]	3375.339	3174.264	3371.310	3202.355	3284.456	3174.784	3326.290	3165.477
[20665]	3267.250	3055.288	3243.158	3241.844	3361.931	3366.900	3284.616	3111.829
[20673]	3100.001	3084.898	3074.124	3424.607	3352.191	3230.433	3296.768	3179.103
[20681]	3189.946	3374.530	3367.849	3316.826	3173.489	3319.271	3179.199	3162.641
[20689]	3233.049	3274.916	3270.236	3272.545	3212.804	3365.556	3377.213	3365.928
[20697]	3306.378	3238.184	3356.099	3316.068	3432.066	3351.026	3288.973	3131.125
[20705]	3395.163	3326.652	3402.447	3291.070	3198.639	3226.144	3305.012	3148.687
[20713]	3304.331	3237.209	3278.599	3243.889	3299.289	3271.443	3507.471	3625.921
[20721]	3584.022	3425.514	3081.163	3437.874	3438.347	3058.692	3446.051	3533.892
[20729]	3253.120	3273.879	3165.574	3375.053	3441.297	3252.740	3275.278	3253.181
[20737]	3238.539	3267.164	3216.143	3138.059	3225.749	3101.552	3130.439	3159.375
[20745]	3353.273	3272.436	3160.621	3370.685	3384.322	3090.089	3108.930	3115.607
[20753]	3452.419	3484.569	3231.338	3364.856	3292.079	3245.557	3389.274	3363.817
[20761]	3332.721	3233.772	3261.382	3216.743	3148.305	3128.153	3228.397	3317.657
[20769]	3429.570	3292.415	3243.875	3447.293	3264.015	3270.854	3427.691	3392.105
[20777]	3236.312	3544.374	3484.043	2998.586	3516.543	3319.140	3198.647	3359.023
[20785]	3189.585	3280.142	3191.043	3193.999	3169.909	3403.761	3344.636	3223.371
[20793]	3253.040	3328.517	3201.766	3351.767	3180.235	3247.978	3463.755	3412.135
[20801]	2990.046	3011.280	3218.937	3263.980	3363.210	3176.450	3175.423	3412.904
[20809]	3444.411	3073.891	3439.447	3465.240	3029.622	3525.057	3012.449	3273.214
[20817]	3293.981	3239.674	3237.276	3171.567	3329.566	3445.904	3326.025	3186.032
[20825]	3163.149	3260.564	3176.652	3296.672	3264.729	3225.002	3223.201	3292.321
[20833]	3237.698	3227.340	3220.554	3357.021	3291.350	3262.023	3203.086	3326.182
[20841]	3275.365	3193.307	3194.256	3146.203	3149.243	3205.962	3150.876	3208.298
[20849]	3115.266	3423.112	3363.271	3222.604	3358.492	3206.492	3325.443	3215.473
[20857]	3156.584	2906.288	3042.914	2931.021	3173.618	3122.323	3283.194	3356.886

[20865]	3350.908	3344.117	3144.803	2923.630	3363.803	3128.515	3124.325	3366.342
[20873]	3190.982	3246.768	3124.782	3345.418	3068.723	3175.336	3107.921	3114.759
[20881]	3014.477	3190.364	3271.021	3212.339	3394.907	3085.084	3066.991	3148.377
[20889]	3292.023	3090.386	3280.030	3498.104	3184.201	3225.445	3239.819	3273.673
[20897]	3309.078	3296.008	3377.064	3288.804	3247.270	3200.604	3239.281	3189.746
[20905]	3253.329	3375.416	3146.862	3353.497	3318.963	3180.250	3334.075	3374.577
[20913]	3346.249	3417.813	3423.878	3317.138	3425.951	3311.328	3327.495	3397.833
[20921]	3275.557	3261.826	3272.589	3305.764	3326.056	3370.773	3125.643	3362.869
[20929]	3370.209	3259.766	3238.256	3280.037	3284.384	3157.025	3219.755	3211.172
[20937]	3334.528	3461.267	3079.157	3389.345	3182.629	3080.916	3188.824	3253.273
[20945]	3175.518	3322.000	3287.145	3268.795	3146.928	3265.617	3183.813	3201.318
[20953]	3342.282	3207.669	3325.814	3206.042	3125.391	3284.367	3100.764	3286.856
[20961]	3326.722	3381.032	3134.393	3322.395	3096.512	3131.168	3392.476	3096.503
[20969]	3252.483	3093.266	3074.007	3357.473	3413.412	3201.545	3284.785	3248.976
[20977]	3229.991	3229.991	3247.965	3392.600	3396.304	3062.234	3515.183	3113.078
[20985]	3388.909	3148.436	3237.392	3404.953	3346.703	3184.897	3113.881	3436.996
[20993]	3081.910	3264.909	3188.925	3319.906	3185.069	3345.339	3310.123	3163.017
[21001]	3238.376	3181.210	3331.718	3132.037	3462.900	3415.982	3298.942	3358.469
[21009]	3327.272	3336.762	3286.353	3268.777	3233.434	3194.820	3237.983	3450.665
[21017]	3479.823	3314.086	3233.718	3299.131	3202.599	3244.092	3391.325	3127.540
[21025]	3380.082	3194.524	3384.810	3098.708	3159.652	3337.915	3301.546	3370.398
[21033]	3389.907	3285.089	3246.271	3150.224	3132.159	3309.990	3440.764	3336.109
[21041]	3282.977	3443.588	3102.554	3486.019	3561.765	3034.162	3474.907	3442.751
[21049]	3268.504	3353.245	3351.612	3210.867	3244.148	3393.720	3231.469	3236.504
[21057]	3352.946	3211.346	3257.935	3427.648	3234.322	3065.328	3293.714	3219.665
[21065]	3312.960	3143.260	3163.376	3399.537	3086.140	3331.736	3321.669	3219.932
[21073]	3256.383	3186.008	3190.794	3180.096	3239.152	3458.589	3276.685	3251.457
[21081]	3261.258	3263.393	3287.099	3196.332	3265.159	3233.804	3299.912	3390.627
[21089]	3116.502	3162.452	3213.565	3195.399	3407.122	3205.980	3293.950	3220.695
[21097]	3083.271	3321.286	3184.475	3403.466	3338.639	3147.850	3149.392	3078.614
[21105]	3095.488	3413.664	3327.672	3151.374	3197.539	3357.657	3289.523	3195.285
[21113]	3269.074	3220.253	3156.673	3361.284	3190.993	3219.662	3355.469	3150.453
[21121]	3254.126	3363.759	3682.941	3285.383	3262.713	3225.118	3249.080	3308.173
[21129]	3043.172	3404.207	3502.367	3552.643	2936.298	2967.378	3222.203	3392.679
[21137]	3386.320	3293.468	3204.163	3202.909	3111.333	3009.326	2889.797	2929.600
[21145]	3016.226	3006.709	3392.246	3363.520	3262.274	3267.191	3378.463	3218.012
[21153]	3419.791	3434.947	3310.374	3158.295	3059.475	3207.536	3157.106	3434.981
[21161]	3295.070	3256.075	3258.710	3225.013	3408.994	3370.117	3253.741	3377.185
[21169]	3166.131	3118.113	3177.335	3364.028	3568.073	2988.209	3321.703	3295.961
[21177]	3230.272	3284.990	3333.814	3245.366	3295.568	3327.305	3262.712	3301.646
[21185]	3197.860	3289.960	3291.465	3245.859	3266.631	3241.162	3253.208	3349.837
[21193]	3295.540	3296.867	3368.233	3199.939	3308.670	3270.833	3208.333	3230.000
[21201]	2970.898	3171.420	3309.726	3177.975	3324.148	3235.370	3309.786	3224.507

[21209]	3316.852	3323.357	3326.307	3106.956	3446.880	3145.123	3221.613	3342.491
[21217]	3144.925	3317.903	3256.305	3250.673	3204.608	3115.174	3378.021	3245.893
[21225]	3277.092	3393.813	3244.434	3285.754	3202.795	3221.319	3361.053	3152.934
[21233]	3359.045	3301.538	3166.592	3196.551	3325.929	3217.201	3306.629	3289.010
[21241]	3310.460	3311.890	3229.243	3233.806	3276.891	3112.320	3376.425	3391.016
[21249]	3379.027	3178.307	3290.877	3214.309	3299.100	3299.100	3396.929	3366.601
[21257]	3254.520	3261.355	3371.936	3233.895	3179.661	3351.356	3203.730	3345.176
[21265]	3293.203	3147.697	3134.652	3185.770	3184.186	3462.904	3344.461	3185.634
[21273]	3360.829	3251.783	3237.125	3296.740	3314.208	3145.602	3203.653	3396.552
[21281]	3185.664	3439.985	3129.633	3436.180	3474.022	3158.685	3420.512	3430.271
[21289]	3209.314	3410.291	3205.470	3414.346	3084.817	3269.265	3288.949	3101.788
[21297]	3120.587	3429.834	3092.745	3118.381	3310.653	3225.616	3276.901	3239.182
[21305]	3247.516	3373.350	3223.181	3213.946	3373.697	3191.716	3252.060	3409.580
[21313]	3381.919	3205.165	3252.972	3149.323	3253.899	3111.997	3364.836	3300.979
[21321]	3251.241	3206.859	3283.323	3133.240	3169.047	3350.460	3338.610	3152.540
[21329]	3437.937	3040.828	3447.291	3351.885	3349.274	3220.724	3182.146	3291.729
[21337]	3316.674	3285.998	3215.209	3328.813	3121.207	3487.205	3028.671	3376.555
[21345]	3238.830	3274.604	3251.459	3345.203	3152.299	3396.135	3460.639	3261.945
[21353]	3211.737	3298.148	3339.026	3375.233	3167.669	3363.064	3173.284	3176.846
[21361]	3113.454	3370.247	3178.654	3197.057	3174.906	3316.849	3134.041	3114.850
[21369]	3209.441	3311.428	3259.517	3345.124	3256.686	3291.800	3261.396	3241.561
[21377]	3351.447	3163.970	3301.745	3320.400	3208.926	3086.933	3219.365	3433.300
[21385]	3100.275	3125.112	3322.840	3264.056	3294.134	3247.762	3158.269	3340.949
[21393]	3260.671	3253.981	3201.178	3272.796	3394.989	3119.249	3415.988	3401.023
[21401]	3338.710	3210.085	3256.072	3132.960	3334.022	3434.222	3054.863	3390.542
[21409]	3126.574	3100.250	3209.479	3182.657	3349.017	3358.330	3297.903	3319.010
[21417]	3280.913	3279.825	3212.663	3103.847	3409.912	3548.658	3316.544	3200.715
[21425]	3330.472	3223.319	3490.345	3125.903	3372.932	3230.950	3293.559	3254.119
[21433]	3279.851	3177.401	3207.444	3329.320	3322.819	3293.820	3234.634	3088.422
[21441]	3288.160	3334.001	3376.789	3349.682	3354.364	3218.746	3174.273	3310.338
[21449]	3273.767	3355.760	3124.345	3142.342	3182.972	3430.820	3303.229	3206.065
[21457]	3233.706	3274.156	3289.743	3212.106	3239.904	3306.261	3389.990	3206.245
[21465]	3224.794	3260.097	3188.750	3243.912	3317.124	3170.367	3438.018	3235.085
[21473]	3322.598	3090.709	3039.524	3237.961	3253.993	3224.836	3263.034	3246.387
[21481]	3162.647	3410.505	3477.759	3170.826	3198.772	3057.282	3440.637	3316.819
[21489]	3179.811	3348.651	3241.980	3359.030	3123.761	3323.722	3338.235	3403.000
[21497]	3100.320	3388.027	3139.006	3201.060	3331.965	3343.946	3388.798	3166.901
[21505]	3231.422	3260.785	3321.197	3252.183	3264.217	3225.003	3335.448	3214.851
[21513]	3208.699	3226.964	3114.550	3288.485	3241.961	3397.055	3186.090	3317.669
[21521]	3215.387	3230.914	3261.764	3216.277	3220.758	3469.354	3568.798	2967.425
[21529]	3187.702	3135.791	3434.800	3080.615	2989.777	2963.435	3091.612	3060.583
[21537]	3149.058	3274.701	3211.534	3216.790	3365.633	3271.297	3257.911	3265.377
[21545]	3394.411	3165.289	3361.480	3356.609	3274.032	3274.393	3259.716	3093.126

[21553]	3456.568	3084.502	3159.648	3265.359	3122.932	3325.005	3326.380	3274.163
[21561]	3305.215	3199.123	3227.450	3188.604	3299.896	3308.064	3167.220	3151.840
[21569]	3214.610	3204.184	3241.116	3254.219	3285.728	3345.312	3377.198	3251.489
[21577]	3318.358	3215.558	3300.365	3162.653	3300.455	3209.510	3333.073	3207.271
[21585]	3332.834	3331.303	3369.633	3363.131	3151.826	3148.372	3100.870	3129.347
[21593]	3132.099	3241.288	3259.889	3172.897	3322.402	3216.014	3163.873	3272.741
[21601]	3221.606	3221.606	3264.620	3264.620	3285.024	3359.230	3134.923	3325.847
[21609]	3338.254	3203.024	3231.001	3029.184	3149.135	3374.480	3185.792	3328.028
[21617]	3178.241	3221.317	3105.629	3155.697	3300.692	3272.292	3294.198	3234.025
[21625]	3303.633	3026.472	3136.033	3230.008	3301.465	3378.882	3296.683	3369.179
[21633]	3291.948	3015.608	3038.393	3432.960	3369.467	3187.160	3153.371	3322.081
[21641]	3287.873	3488.230	3515.920	3411.415	3384.455	3078.679	3161.780	3098.800
[21649]	3128.435	3093.629	3406.236	3094.990	3148.516	3334.452	3363.595	3259.297
[21657]	3418.912	3421.921	3128.776	3119.882	3323.901	3171.836	3269.203	3197.164
[21665]	3272.399	3222.742	3248.677	3232.752	3242.529	3200.560	3516.337	3482.727
[21673]	3402.568	3075.401	3076.719	3308.003	3213.730	3238.637	3154.004	3253.484
[21681]	3227.069	3209.732	3256.741	3205.179	3211.619	3276.750	3164.391	3195.754
[21689]	3315.947	3339.942	3241.869	3196.139	3140.685	3223.698	3200.929	3378.751
[21697]	3455.962	3175.457	3209.980	3442.267	3266.374	3198.848	3331.798	3128.986
[21705]	3299.899	3327.599	3207.919	3272.458	3221.866	3219.834	3117.540	3204.926
[21713]	3371.889	3224.807	3287.737	3246.416	3282.276	3190.128	3187.763	3164.199
[21721]	3112.808	3395.672	3179.033	3050.468	3079.002	3061.038	3212.926	3332.038
[21729]	3135.097	3113.056	3203.422	3405.503	3167.764	3215.414	3357.177	3203.731
[21737]	3229.039	3213.828	3341.761	3267.596	3149.057	3457.820	3377.218	3415.942
[21745]	3090.302	3341.426	3449.315	3177.527	3198.414	3332.744	3411.211	3035.777
[21753]	3367.610	3398.852	3385.638	3297.051	3303.616	3357.872	3301.011	3268.553
[21761]	3119.356	3064.727	3174.991	3241.723	3374.261	3148.747	3504.280	3067.167
[21769]	3339.247	3364.245	3200.828	3247.672	3246.178	3237.083	3160.275	3445.495
[21777]	3237.446	3179.401	3339.087	3135.450	3319.327	3437.592	3296.711	3383.382
[21785]	3374.697	3278.390	3214.114	3487.192	3085.494	3002.028	2993.379	3320.113
[21793]	3290.674	3233.624	3277.035	3241.125	3273.607	3221.607	3390.551	3362.676
[21801]	3347.543	3354.250	3276.511	3429.368	3176.801	3457.521	3125.811	3239.748
[21809]	3219.517	3171.775	3184.891	3311.566	3165.579	3157.120	3336.324	3058.261
[21817]	3470.383	2973.478	3414.568	3376.177	3159.421	3324.622	3086.015	3153.582
[21825]	3285.777	3330.296	3209.836	3464.799	3118.685	3221.164	3279.188	3374.171
[21833]	3219.835	3289.698	3239.018	3216.817	3271.639	3287.852	3377.473	3385.887
[21841]	3425.956	3044.889	3326.833	3338.480	3382.430	3392.975	3324.884	3121.331
[21849]	3357.863	3313.011	3218.159	3228.212	3344.004	3259.115	3274.588	3218.573
[21857]	3248.044	3074.563	3159.429	3425.821	3117.504	3123.056	3240.655	3315.648
[21865]	3303.254	3326.810	3296.103	3241.165	3248.904	3246.196	3090.355	3441.511
[21873]	3175.946	3277.171	3242.178	3107.379	3074.090	3197.997	3385.864	3152.743
[21881]	3297.797	3212.230	3140.684	3180.067	3329.189	3184.014	3342.874	3197.970
[21889]	3325.920	3242.199	3363.777	3087.040	3250.782	3263.263	3239.349	3161.210

[21897]	3276.695	3190.108	3367.913	3148.607	3271.473	3253.512	3251.827	3274.591
[21905]	3080.988	3295.239	3094.636	3425.740	3084.576	2994.074	3523.549	3372.310
[21913]	3333.331	3172.334	3240.498	3207.767	3344.442	3181.147	3245.979	3266.685
[21921]	3247.330	3304.365	3221.014	3074.641	3231.778	3286.405	3241.921	3380.131
[21929]	3339.303	3240.658	3101.145	3330.692	3371.295	3344.863	3192.045	3304.126
[21937]	3354.650	3254.943	3331.297	3281.240	3245.317	3500.557	3033.294	3127.044
[21945]	3321.330	3275.958	3403.938	3124.291	3363.610	3154.705	3130.985	3325.592
[21953]	3442.387	3398.234	3563.981	2935.534	3195.024	3352.613	3189.569	3283.249
[21961]	3244.865	3275.670	3221.376	3229.160	3313.891	3232.367	3355.336	3166.084
[21969]	3131.732	3106.980	3320.113	3310.456	3296.995	3263.577	3303.077	3239.133
[21977]	3223.606	3223.606	3328.178	3273.611	3377.044	3144.362	3212.010	3196.719
[21985]	3253.504	3256.833	3217.636	3280.300	3308.140	3419.586	3221.688	3163.525
[21993]	3405.475	3392.665	3133.564	3268.375	3389.095	3058.937	3484.943	3282.901
[22001]	3318.827	3173.571	3155.739	3277.524	3108.150	3159.937	3361.739	3472.757
[22009]	3203.186	3480.049	3331.170	3617.626	3041.278	3494.251	3273.359	3224.648
[22017]	3240.198	3383.626	3406.161	3305.074	3425.272	3209.395	3357.564	3068.759
[22025]	3310.924	3311.079	3429.146	3335.045	3150.510	3376.903	3144.954	3333.483
[22033]	3280.928	3355.904	3387.208	3257.523	3171.612	3358.204	3405.529	3199.965
[22041]	3135.219	3342.943	3218.241	3332.315	3302.038	3005.882	3053.148	3150.187
[22049]	3130.266	3348.197	3272.556	3390.917	3335.760	3099.552	3397.035	3464.680
[22057]	3246.266	3296.907	3193.667	3325.605	3370.575	3304.678	3224.528	3289.273
[22065]	3329.194	3304.819	3087.827	3158.086	3168.683	3409.897	3233.840	3201.032
[22073]	3152.858	3355.868	3242.437	3313.472	3310.068	3265.881	3254.161	3244.604
[22081]	3202.598	3392.796	3240.665	3315.492	3283.463	3255.177	3223.374	3179.638
[22089]	3252.166	3377.990	3143.817	3201.234	3352.218	3473.179	3124.861	3341.800
[22097]	3419.254	3231.354	3120.413	2988.118	3311.890	3016.818	3211.744	3368.248
[22105]	3287.191	3069.847	3168.115	3155.864	3310.714	3250.807	3317.466	3187.743
[22113]	3224.315	3238.693	3256.138	3177.991	3094.413	3095.385	3368.857	3123.292
[22121]	3082.566	3186.212	3266.677	3317.008	3173.895	3185.662	3293.426	3521.550
[22129]	3427.863	3472.713	3122.182	3378.027	3241.294	3195.671	3237.064	3370.241
[22137]	3455.429	3332.879	3251.522	3250.653	3061.266	3211.544	3140.268	3253.477
[22145]	3340.755	3280.111	3277.962	3133.829	3339.370	3363.884	3106.612	3296.470
[22153]	3190.482	3316.717	3119.929	3291.549	3175.192	3190.610	3316.447	3223.900
[22161]	3107.736	3130.187	3040.586	3389.665	3189.819	3429.115	3395.923	3137.727
[22169]	3370.858	3150.160	3301.539	3193.562	3344.798	3354.419	3164.517	3229.351
[22177]	3292.723	3366.295	3215.059	3323.052	3338.979	3205.075	3214.358	3320.183
[22185]	3253.580	3057.868	3105.944	3273.797	3110.595	3201.709	3327.122	3194.022
[22193]	3236.582	3145.840	3199.335	3337.765	3291.324	3155.325	3280.433	3433.688
[22201]	3396.755	3340.525	3096.673	3397.807	3498.004	3028.444	2947.428	2968.916
[22209]	3294.077	3223.485	3264.760	3261.232	3241.936	3280.503	3198.316	3275.424
[22217]	3254.480	3291.800	3316.927	3260.388	3258.730	3284.242	3270.701	3252.983
[22225]	3308.040	3294.834	3310.556	3184.377	3271.950	3228.633	3215.600	3286.005
[22233]	3169.902	3279.397	3203.582	3181.308	3204.746	3352.167	3091.849	3419.335

[22241]	3381.495	3589.497	3621.203	3632.308	3064.602	3087.665	3116.746	3316.073
[22249]	3296.095	3389.406	3285.084	3353.892	3164.415	3234.083	3128.994	3320.238
[22257]	3132.498	3093.807	3049.146	3384.408	3359.652	3204.810	3303.220	3291.946
[22265]	3117.577	3147.471	3443.923	3066.089	3498.132	3281.487	3270.110	3284.486
[22273]	3203.210	3233.513	3312.803	3361.736	3201.602	3194.568	3112.488	3427.819
[22281]	3390.998	3396.343	3512.171	2986.922	2980.813	3521.416	2978.669	3405.684
[22289]	3269.087	3289.137	3232.268	3365.406	3252.213	3193.361	3278.630	3235.437
[22297]	3377.149	3182.443	3327.936	3276.969	3353.033	3498.329	3189.065	3486.218
[22305]	3295.145	3349.129	3419.501	3067.960	3207.002	3350.543	3360.765	3252.291
[22313]	3191.384	3303.419	3216.008	3216.857	3295.334	3073.564	3425.768	3242.924
[22321]	3222.897	3180.061	3166.623	3382.129	3147.108	3249.614	3317.427	3346.671
[22329]	3366.172	3163.349	3330.165	3238.006	3294.723	3275.227	3226.279	3063.068
[22337]	3277.800	3286.355	3147.519	3359.606	3305.734	3257.376	3152.009	3358.874
[22345]	3250.973	3135.804	3147.729	3415.886	3061.775	3353.179	3365.603	3384.116
[22353]	3146.019	3356.380	3311.545	3280.188	3409.391	3418.614	3356.643	3192.898
[22361]	3107.349	3313.432	3221.505	3277.578	3319.350	3420.771	3371.698	3216.352
[22369]	3281.077	3218.425	3164.359	3309.943	3273.744	3249.459	3251.202	3293.939
[22377]	3299.570	3198.898	3232.586	3263.043	3300.363	3098.457	3327.484	3235.369
[22385]	3244.590	3254.401	3315.366	3120.945	2997.668	3003.220	3361.400	3077.169
[22393]	3298.228	3342.751	3154.448	3101.137	3014.910	2995.372	3353.255	3124.582
[22401]	3137.546	3125.937	3051.304	3219.114	3310.748	3337.538	3377.560	3287.766
[22409]	3266.679	3372.478	3352.254	3420.357	3241.768	3202.309	3304.176	3146.463
[22417]	3172.269	3416.380	3355.716	3182.021	3301.456	3207.004	3305.039	3281.023
[22425]	3240.114	3157.013	3225.867	3248.855	3290.269	3286.096	3255.178	3093.614
[22433]	3403.520	3460.647	3064.259	3391.462	3080.342	3168.850	3367.824	3158.955
[22441]	3369.594	3136.372	3360.695	3253.858	3194.499	3228.147	3252.716	3267.695
[22449]	3096.615	3495.227	3357.857	3393.798	3388.056	3479.139	3454.656	3087.011
[22457]	3207.817	3542.590	3578.840	3290.925	3244.796	3323.143	3247.508	3225.367
[22465]	3225.669	3131.424	3420.267	3418.307	3138.343	3193.250	3287.950	3217.495
[22473]	3179.978	3334.809	3360.902	3340.050	3153.003	3174.673	3521.961	3213.739
[22481]	3223.135	3211.411	3271.405	3250.153	3581.520	3549.081	3547.865	2999.151
[22489]	3517.520	3501.364	3491.632	3278.336	3183.040	3329.139	3232.923	3293.689
[22497]	3245.099	3194.042	3187.306	3227.149	3383.782	3199.550	3293.700	3394.319
[22505]	3157.872	3067.276	3325.180	3271.022	3340.744	3181.975	3333.404	3277.704
[22513]	3235.123	3210.108	3212.800	3173.328	3406.456	3505.125	3491.051	3328.550
[22521]	3339.571	3414.086	3129.447	3323.509	3176.987	3183.096	3278.581	3100.099
[22529]	3208.361	3285.153	3180.246	3454.493	3401.452	3206.212	3360.156	3350.816
[22537]	3080.887	3406.960	3445.923	3125.600	3141.120	3227.007	3333.828	3326.083
[22545]	3103.846	3133.622	3291.706	3131.565	3041.112	3514.079	3149.885	3277.190
[22553]	3225.901	3392.621	3178.683	3241.130	3364.552	3166.753	3449.074	3102.194
[22561]	3215.863	3222.509	3234.100	3266.780	3389.408	3300.763	3218.008	3209.141
[22569]	3318.705	3017.445	3103.736	3069.788	2997.750	3214.575	3336.798	3324.214
[22577]	3132.592	3183.099	3385.386	3211.412	3171.287	3339.548	3294.861	3201.338

[22585]	3329.897	3190.167	3237.311	3286.420	3293.074	3130.579	3071.014	3435.562
[22593]	3458.466	3520.112	3566.535	3510.104	3327.204	3210.664	3275.233	3236.322
[22601]	3428.674	3440.631	3141.769	3117.061	3436.358	3290.956	3259.824	3276.973
[22609]	3126.002	3381.537	3278.871	3220.505	3302.462	3302.319	3333.445	3231.229
[22617]	3259.326	3288.225	3334.140	3169.909	3106.352	3228.479	3316.388	3084.408
[22625]	3130.876	3362.116	3380.600	3385.200	3385.105	3212.315	3396.704	3375.865
[22633]	3407.861	3126.943	3399.388	3508.524	3060.653	3486.591	3297.497	3120.165
[22641]	3089.905	3445.374	3122.508	3233.562	3221.592	3343.044	3117.004	3229.811
[22649]	3235.219	3171.655	3357.691	3148.653	3240.188	3407.796	3119.599	3262.258
[22657]	3134.870	3293.884	3423.825	3107.335	3398.775	3057.449	3420.625	3330.875
[22665]	3452.319	3175.515	3117.067	3349.761	3203.598	3334.576	3129.948	3298.786
[22673]	3243.767	3329.657	3143.765	3350.775	3330.628	3154.747	3221.633	3246.700
[22681]	3162.258	3282.596	3075.807	3288.451	3322.200	3187.802	3320.959	3122.519
[22689]	3177.515	3124.252	3266.449	3208.113	3180.582	3244.216	3257.275	3201.604
[22697]	3138.720	3407.886	3466.788	3046.847	3162.857	3322.545	3306.227	3141.631
[22705]	3481.486	3072.419	3352.171	3343.993	3163.909	3263.134	3298.335	3245.086
[22713]	3164.947	3267.929	3221.904	3226.794	3378.213	3105.760	3066.319	3313.013
[22721]	3141.310	3165.232	3315.862	3299.865	3058.067	3157.327	3186.737	3176.272
[22729]	3345.901	3285.585	3334.045	3206.242	3268.237	3253.803	3340.074	3279.555
[22737]	3262.301	3069.750	3484.473	3469.617	3562.012	3343.308	3191.365	3318.607
[22745]	3255.435	3229.211	3271.924	3295.706	3354.488	3339.827	3138.954	3322.576
[22753]	3331.399	3476.520	3344.943	3126.991	3419.448	3247.513	3265.364	3248.157
[22761]	3048.132	3178.581	3250.135	3330.076	3298.924	3135.314	3337.794	3242.807
[22769]	3277.409	3311.457	3160.814	3296.373	3231.346	3166.072	3333.291	3156.672
[22777]	3216.644	3243.736	3248.764	3279.529	3272.902	3308.644	3379.024	3160.397
[22785]	3293.748	3131.257	3082.116	3252.971	3163.312	3229.792	3355.808	3144.631
[22793]	3298.211	3226.123	3235.639	3255.922	3274.550	3216.149	3272.589	3238.350
[22801]	3316.572	3203.186	3237.663	3231.036	3246.324	3292.688	3278.057	3329.885
[22809]	3201.732	3374.717	3289.446	3201.202	3310.891	3122.284	3304.879	3380.606
[22817]	3338.483	3297.898	3203.843	3292.127	3309.370	3092.063	3412.645	3079.968
[22825]	3427.681	3404.616	3187.351	3352.391	3136.953	3211.647	3195.530	3012.343
[22833]	3487.630	3218.178	3241.716	3246.837	3333.734	3332.170	3350.308	3373.144
[22841]	3207.005	3200.475	3342.523	3171.596	3131.219	3376.015	3139.095	3164.298
[22849]	3341.021	3352.497	3095.474	3411.264	3090.256	3494.991	3174.950	3185.398
[22857]	3313.418	3174.995	3088.074	3025.086	3062.462	3049.222	3127.877	3275.566
[22865]	3298.731	3286.061	3277.011	3223.745	3321.291	3269.524	3275.736	3227.294
[22873]	3297.101	3399.883	2996.843	3268.304	3270.521	3252.859	3286.236	3312.559
[22881]	3288.171	3018.694	3134.011	3387.031	3468.086	3065.887	3228.070	3049.626
[22889]	3132.972	3393.553	3344.819	3121.453	3206.244	3145.766	3452.578	3154.799
[22897]	3434.308	3135.309	3282.041	3252.126	3322.096	3192.069	3110.396	3413.819
[22905]	3321.456	3316.699	3343.430	3167.645	3187.221	3324.140	3342.128	3360.408
[22913]	3223.064	3190.901	3343.630	3375.502	3157.064	3336.621	3218.634	3358.938
[22921]	3120.668	3180.674	3247.226	3279.485	3193.703	3372.257	3368.691	3214.349

[22929]	3182.771	3277.691	3125.860	3165.331	3377.828	3252.862	3265.551	3046.526
[22937]	3084.049	3071.665	3177.468	3225.774	3180.691	3194.426	3305.492	3346.175
[22945]	3284.773	3243.396	3157.588	3316.628	3273.777	3433.346	3078.832	3263.063
[22953]	3147.005	3437.314	3076.425	3481.960	3329.679	3274.427	3257.352	3205.790
[22961]	3313.178	3225.216	3289.132	3125.073	3323.210	3259.254	3163.670	3235.580
[22969]	3287.011	3369.321	3387.153	3296.858	3319.077	3185.708	3373.001	3519.289
[22977]	3106.593	3368.195	3278.630	3237.565	3358.614	3223.617	3213.819	3236.185
[22985]	3377.178	3174.639	3264.014	2934.724	3459.751	3032.089	3075.142	3177.390
[22993]	3458.310	3084.822	3396.309	3459.113	3069.338	3424.856	3226.124	3335.460
[23001]	3550.537	3362.797	3505.575	3440.811	3147.325	3211.607	3161.089	3313.342
[23009]	3211.665	3253.891	3332.044	3380.844	3183.817	3389.404	3126.790	3080.618
[23017]	3170.319	3189.686	3299.388	3264.569	3243.592	3287.721	3215.034	3280.109
[23025]	3198.187	3203.966	3150.615	3153.006	3357.226	3211.429	3357.017	3324.390
[23033]	3183.456	3187.459	3234.605	3459.457	3257.928	3250.615	3206.045	3263.774
[23041]	3406.690	3188.899	3108.665	3424.448	3041.919	3422.019	3112.673	3126.057
[23049]	3365.235	3221.755	3275.165	3266.738	3413.470	3271.579	3309.154	3333.793
[23057]	3068.267	3305.293	3396.929	3365.732	3397.210	3045.897	3377.364	3350.659
[23065]	3238.311	3274.232	3260.187	3320.522	3345.894	3182.761	3134.682	3119.730
[23073]	3295.810	3191.873	3162.504	3164.854	3291.316	3313.647	3166.598	3174.944
[23081]	3185.483	3277.999	3318.280	3213.211	3321.014	3059.215	3287.557	3289.755
[23089]	3190.609	3303.358	2947.617	2952.351	3010.218	3346.324	3184.802	3308.288
[23097]	3238.022	3188.446	3329.372	3253.335	3122.487	3382.722	3304.513	3316.209
[23105]	3217.046	3186.180	3279.111	3185.661	3194.466	3201.886	3217.938	3312.998
[23113]	3088.133	3107.981	3202.518	3343.982	3191.762	3296.794	3202.929	3295.874
[23121]	3029.020	3112.022	3192.390	3056.959	3434.664	3027.758	3482.598	3239.330
[23129]	3304.248	3347.014	3211.185	3148.132	3184.086	3293.254	3188.685	3344.997
[23137]	3168.999	3360.065	3389.040	3244.725	3219.160	3186.308	3360.469	3425.383
[23145]	3176.103	3033.338	3075.298	3455.916	3505.175	3301.363	3400.269	3278.339
[23153]	3343.308	3414.474	3236.416	3107.090	3205.782	3307.523	3285.481	3228.999
[23161]	3316.844	3279.151	3153.447	3211.843	3200.056	3071.032	3165.945	3288.861
[23169]	3335.173	3268.351	3309.457	3229.162	3084.777	3468.993	3261.312	3128.310
[23177]	3211.573	3329.113	3604.986	3422.814	3221.707	3187.318	3347.562	3315.894
[23185]	3173.874	3089.156	3115.328	3125.852	3434.232	3340.282	3151.793	3370.239
[23193]	3255.379	3292.291	3040.601	3334.749	3422.283	3326.790	3233.731	3084.920
[23201]	3004.723	3555.205	3023.550	2929.593	3504.229	3146.508	3171.922	3346.755
[23209]	3379.942	3191.153	3343.197	3141.120	3108.829	3142.582	3223.286	3176.110
[23217]	3200.552	3294.364	3342.312	3300.922	3386.454	3392.306	3363.017	3128.015
[23225]	3245.277	3183.375	3362.489	3342.201	3289.825	3315.052	3317.796	3042.957
[23233]	3106.446	3329.735	3254.726	3248.872	3297.839	3270.714	3154.026	3175.337
[23241]	3358.028	3023.919	3463.828	3036.355	3364.384	3147.431	3267.706	3254.763
[23249]	3272.336	3319.279	3167.310	3331.908	3149.737	3397.370	3293.755	3156.150
[23257]	3382.157	3111.119	3077.633	3430.047	3101.515	3197.152	3197.331	3392.710
[23265]	3268.061	3206.621	3122.062	3216.376	3242.301	3237.056	3211.254	3312.559



[23273]	3098.310	3424.068	3095.337	3467.244	3087.184	3294.380	3249.947	3396.037
[23281]	3218.884	3037.830	3101.776	3173.573	3489.778	3128.184	3135.448	3413.091
[23289]	3175.116	3177.118	3237.467	3281.834	3225.181	3130.234	3162.598	3137.589
[23297]	3324.336	3312.058	3212.698	3247.938	3333.454	3225.445	3335.864	3213.093
[23305]	3397.801	3129.987	3351.879	3325.424	3266.962	3195.826	3220.962	3363.532
[23313]	3322.701	3218.582	3254.480	3201.909	3146.090	3259.576	3159.566	3139.489
[23321]	3424.990	3094.139	3370.123	3383.812	3193.327	3315.561	3384.394	3272.569
[23329]	3279.496	3170.109	3334.205	3222.567	3273.496	3308.216	3172.117	3405.185
[23337]	3146.443	3148.172	3299.227	3192.601	3256.015	3180.182	3239.181	3301.837
[23345]	3209.323	3271.286	3140.040	3364.180	3175.929	3331.732	3226.452	3348.477
[23353]	3176.958	3063.192	3139.525	3172.639	3339.906	3375.747	3339.604	3161.768
[23361]	3213.662	3271.198	3211.257	3455.177	3467.100	3138.654	3252.415	3194.994
[23369]	3210.644	3340.214	3206.516	3217.363	3234.122	3253.131	3303.944	3402.593
[23377]	3080.279	3324.589	3401.388	3092.826	3439.861	2924.394	3025.930	3348.388
[23385]	3329.311	3242.928	3123.592	3262.962	3333.016	3373.173	3261.954	2946.338
[23393]	3505.492	3117.056	3114.247	3364.688	3243.914	3202.397	3185.991	3122.984
[23401]	3101.636	3103.558	3254.754	3247.784	3190.347	3417.496	3340.292	3214.025
[23409]	3391.788	3055.523	3420.543	3319.684	3271.566	3373.948	3134.814	3214.319
[23417]	3210.993	3150.939	3152.770	3145.438	3239.898	3011.794	3252.579	3272.373
[23425]	3264.961	3197.593	3192.979	3355.829	3224.219	3358.090	3178.959	3288.010
[23433]	3204.974	3225.648	3291.446	3110.904	3114.510	3457.298	3387.705	3200.685
[23441]	3265.010	3227.113	3103.834	3371.546	3264.275	3396.113	3134.281	3411.387
[23449]	3407.055	3077.102	3485.541	3338.053	3076.820	3159.690	3222.949	3368.507
[23457]	3004.805	3517.251	3288.683	3214.704	3350.316	3158.435	3321.213	3497.991
[23465]	3469.133	3431.134	3265.965	3248.463	3280.559	3413.859	3383.694	3395.213
[23473]	3293.310	3368.457	3089.546	3402.995	3273.179	3235.881	3251.076	3154.211
[23481]	3358.407	3117.530	3180.716	3331.583	3290.286	3240.162	3266.778	3277.687
[23489]	3247.714	3268.078	3367.635	3204.194	3477.236	3140.220	3247.231	3305.663
[23497]	3297.781	3341.123	3270.822	3343.380	3288.943	3143.275	3419.630	3123.103
[23505]	3199.065	3192.892	3214.956	3185.699	3209.440	3066.384	3227.875	3341.436
[23513]	3335.280	3198.759	3172.473	3503.308	3163.888	3213.016	3288.629	3122.414
[23521]	3226.059	3220.620	3395.135	3067.349	3120.087	3461.351	3157.163	3341.935
[23529]	3317.122	3185.307	3323.698	3235.537	3264.997	3270.843	3194.260	3278.430
[23537]	3280.327	3324.080	3307.947	3064.674	3271.075	3305.150	3426.806	3092.623
[23545]	3451.468	3062.065	3214.300	3201.596	3061.860	3174.946	3481.290	3166.261
[23553]	3228.893	3321.826	3164.259	3377.750	3461.977	3286.229	3373.127	3328.755
[23561]	3213.022	3266.723	3112.571	3169.175	3161.296	3163.609	3471.597	3346.858
[23569]	3250.886	3285.232	3332.241	3294.863	3355.649	3235.389	3248.066	3246.156
[23577]	3225.953	3336.043	3323.337	3241.607	3237.317	3225.871	3221.070	3302.211
[23585]	3184.569	3126.226	3199.410	3254.731	3254.376	3417.844	3272.165	3314.011
[23593]	3405.686	3375.259	3207.989	3186.560	3370.415	3081.000	3175.160	3323.133
[23601]	3290.414	3159.612	3334.709	3130.849	3291.946	3141.251	3086.768	3244.449
[23609]	3214.853	3142.485	3323.335	3172.110	3194.546	3170.791	3343.174	3247.938

[23617]	3271.208	3302.449	3177.322	3326.599	3210.314	3296.598	3308.179	3400.208
[23625]	3419.878	3349.103	3221.010	3320.137	3245.209	3171.650	3198.702	3299.072
[23633]	3166.651	3355.315	3345.908	3241.083	3314.806	3234.982	3284.118	3188.279
[23641]	3139.596	3363.818	3418.753	3017.474	3484.171	3215.788	3247.826	3417.319
[23649]	3273.977	3156.374	3119.830	2996.134	3291.726	3349.861	3389.886	3148.649
[23657]	3347.359	3319.279	3360.827	3432.685	3431.635	3094.545	3388.526	3144.471
[23665]	3320.734	3214.248	3259.693	3213.692	3221.089	3270.531	3230.220	3258.216
[23673]	3025.422	3220.608	3267.053	3360.585	3350.319	3219.364	3268.438	3326.250
[23681]	3388.319	3085.876	3390.905	3208.225	3387.153	3409.761	3307.783	3112.197
[23689]	3423.531	3266.639	3286.336	3490.881	3424.415	3463.964	3102.540	3391.784
[23697]	3069.631	3198.446	3277.244	3199.076	3171.931	3184.022	3290.645	3252.013
[23705]	3176.992	3298.930	3301.753	3258.128	3177.384	3387.721	3312.935	3357.385
[23713]	3364.564	3389.365	3336.527	3131.911	2975.831	2907.593	3242.812	3169.397
[23721]	3321.847	3308.381	3195.451	3217.514	3088.840	3464.006	3475.813	3339.259
[23729]	3362.714	3406.282	3184.237	3121.724	3225.542	3335.952	3249.967	3488.545
[23737]	3096.343	3214.746	3394.948	3202.662	3302.313	3313.806	3328.484	3339.059
[23745]	3224.072	3295.580	3186.026	3379.102	3023.106	3401.838	3401.232	3267.139
[23753]	3199.863	3381.845	3375.661	3140.643	3155.429	3205.122	3276.665	3136.271
[23761]	3201.050	3269.934	3205.407	3415.835	3108.553	3213.602	3275.468	3380.114
[23769]	3224.811	3268.001	3199.061	3360.853	3322.061	3293.496	3164.015	3297.031
[23777]	3177.996	3175.068	3294.616	3199.264	3342.929	3155.930	3025.393	3118.772
[23785]	3106.352	3388.249	3315.976	3279.790	3236.679	3216.851	3455.327	3117.253
[23793]	3128.821	3232.738	3238.861	3403.948	3297.260	2925.926	3292.097	3296.368
[23801]	3315.574	3240.818	3329.065	3040.366	3447.199	3091.224	3378.796	3421.715
[23809]	3213.843	3284.886	3194.513	3403.679	3155.228	3370.906	3250.099	3250.014
[23817]	3295.439	3310.246	3381.052	3388.183	3127.935	3283.927	3230.001	3271.011
[23825]	3341.083	3215.209	3053.373	3404.268	3116.118	3396.841	3341.978	3241.823
[23833]	3219.476	3331.652	3371.404	3335.859	3212.343	3364.459	3149.949	3372.871
[23841]	3330.179	3240.491	3392.577	3145.833	3287.761	3298.312	3235.016	3339.660
[23849]	3203.611	3202.982	3103.875	3220.795	3330.470	3263.470	3219.924	3241.752
[23857]	3228.165	3273.659	3135.941	3388.644	3287.434	3286.499	3401.043	3403.612
[23865]	2953.451	3576.387	3525.789	3203.622	3172.465	3278.999	3283.431	3149.040
[23873]	3075.799	3347.823	3188.487	3218.260	3194.811	3218.626	3236.788	3188.273
[23881]	3213.064	3184.136	3286.774	3230.213	3210.818	3256.617	3313.594	3399.822
[23889]	3347.166	3350.287	3444.516	3091.943	3356.596	3393.079	3316.179	3262.310
[23897]	3226.071	3176.877	3280.406	3234.049	3317.872	3227.036	3200.883	3194.162
[23905]	3341.136	3168.704	3230.118	3311.172	3254.491	3105.165	3056.461	3283.644
[23913]	3214.270	3316.366	3168.072	3135.001	3185.998	3337.758	3333.723	3241.952
[23921]	3283.245	3286.207	3163.823	3174.011	3321.648	3204.172	3168.750	3324.588
[23929]	3190.280	3191.172	3313.643	3348.652	3123.214	3138.434	3198.460	3331.441
[23937]	3350.636	3071.765	3231.724	3407.271	3349.811	3228.491	3273.307	3201.208
[23945]	3209.520	3185.797	3319.005	3417.152	3245.625	3170.081	3063.664	3090.200
[23953]	3360.057	3412.183	3143.515	3246.254	3204.173	3207.186	3256.401	3118.708

[23961]	3143.289	3170.259	3419.891	3111.110	3259.634	3106.866	3122.659	3457.146
[23969]	3452.806	3127.560	3130.312	3382.143	3134.279	3241.814	3390.639	3085.568
[23977]	3378.260	3456.362	3414.732	3217.879	3314.251	3195.276	3192.071	3370.991
[23985]	3247.470	3291.647	3223.259	3347.936	3222.379	3235.942	3253.607	3303.140
[23993]	3162.473	3345.623	3182.447	3147.875	3302.638	3233.940	3368.248	3113.143
[24001]	3126.396	3470.856	3034.585	3233.141	3381.274	3138.278	3298.227	3051.595
[24009]	3010.402	2976.137	3088.751	3037.695	3037.333	3494.069	2962.246	3024.271
[24017]	3227.985	3219.220	3268.996	3309.612	3321.762	3390.097	3395.917	3318.703
[24025]	3381.078	3106.243	3190.819	3152.242	3192.109	3066.116	3248.352	3314.240
[24033]	3315.560	3273.725	3289.111	3264.211	3326.854	3353.778	3389.506	3121.145
[24041]	3024.742	3224.659	3182.636	3370.971	3185.214	3374.021	3221.983	3267.846
[24049]	3207.074	3186.074	3092.973	3233.436	3341.544	3263.737	3270.116	3421.155
[24057]	3416.108	3419.573	3131.576	3282.601	3289.069	3271.713	3224.006	3241.911
[24065]	3312.527	3112.129	3250.751	3298.554	2998.301	3157.744	3087.971	3257.020
[24073]	3066.955	3094.062	3318.943	3205.811	3290.485	3213.367	3379.252	3367.367
[24081]	3199.491	3252.587	3362.836	3415.466	3234.138	3235.422	3271.537	3296.216
[24089]	3224.287	3314.653	3202.169	3427.426	3086.125	3431.507	3212.546	3205.916
[24097]	3113.215	3346.098	3409.271	3161.714	3302.435	3251.055	3243.849	3274.887
[24105]	3163.615	3373.326	3304.300	3401.672	3185.452	3325.890	3167.192	3273.882
[24113]	3271.318	3337.580	3196.414	3409.538	3129.248	3321.948	3309.249	3360.436
[24121]	3395.246	3147.900	3212.268	3377.400	3356.897	3121.429	3253.692	3157.083
[24129]	3351.207	3154.412	3363.723	3342.411	3209.288	3306.514	3341.776	3317.646
[24137]	3356.901	3338.286	3159.457	3309.585	3117.753	3346.517	3346.424	3421.735
[24145]	3361.786	3199.324	3187.013	3380.430	3133.205	3038.541	3380.104	3187.056
[24153]	3222.540	3203.931	3357.688	3275.156	3229.626	3143.499	3508.115	3559.876
[24161]	3248.276	3294.944	3383.866	3278.458	3315.178	3220.783	3335.671	3186.705
[24169]	3185.066	3411.351	3149.933	3164.691	3237.936	3221.376	3357.954	3277.905
[24177]	3255.622	3373.617	3071.262	3285.641	3244.940	3303.364	3194.051	3279.185
[24185]	3247.257	3222.581	3214.032	3287.987	3217.970	3247.221	3430.638	3440.236
[24193]	3141.934	3202.698	3160.025	3217.032	3297.137	3298.432	3207.558	3146.969
[24201]	3278.777	3231.168	3262.309	3371.888	3199.688	3266.583	3340.125	3135.911
[24209]	3295.009	3298.239	3310.833	3243.276	3322.154	3411.496	3299.197	3167.409
[24217]	3333.333	3358.546	3301.304	3281.997	3268.777	3399.753	3368.743	3139.143
[24225]	3213.587	3364.953	3204.380	3096.113	3382.440	3333.140	3227.522	3362.716
[24233]	3169.539	3169.583	3182.198	3307.494	3281.988	3297.135	3275.218	3272.594
[24241]	3417.768	3432.757	2999.815	3591.575	2975.519	3106.283	3269.099	3219.794
[24249]	3333.052	3207.744	3303.677	3505.423	3003.740	3357.969	3137.945	3178.706
[24257]	3310.148	3226.730	3202.128	3267.157	3236.514	3340.010	3553.828	3184.522
[24265]	3326.061	3338.887	3179.142	3382.455	3121.582	3041.009	3128.012	3153.069
[24273]	3243.133	3120.424	3403.969	3077.121	3406.352	3380.104	3316.391	3432.294
[24281]	3090.449	3416.246	3217.383	3210.400	3259.039	3254.641	3304.392	3244.492
[24289]	3321.948	3297.105	3233.654	3295.903	3273.738	3316.543	3300.331	3235.435
[24297]	3287.175	3319.021	3205.342	3302.953	3336.422	3199.245	3243.204	3222.951

[24305]	3297.700	3202.130	3265.141	3195.663	3328.188	3300.363	3198.277	3209.841
[24313]	3212.764	3288.335	3304.192	3184.769	3197.413	3283.927	3252.667	3211.080
[24321]	3228.823	3408.645	3103.835	3204.152	3171.122	3374.310	3086.774	3310.951
[24329]	3302.648	3427.030	3060.260	3394.591	3305.098	3310.414	3111.643	3350.593
[24337]	3229.348	3142.983	3274.930	3205.224	3237.255	3258.600	3254.299	3214.699
[24345]	3218.690	3258.069	3312.364	3325.833	3218.721	3249.938	3256.323	3192.690
[24353]	3106.275	3235.679	3396.223	3410.909	3297.751	3266.283	3192.622	3423.729
[24361]	3227.537	3143.611	3397.339	3296.347	3218.447	3140.105	3133.158	3409.738
[24369]	3252.567	3291.747	3182.380	3303.481	3204.461	3236.105	3183.542	3250.255
[24377]	3287.982	3053.241	3031.923	3032.198	3092.132	3103.930	3255.892	2970.351
[24385]	2995.516	3336.621	3380.696	3293.236	3419.657	3175.898	3249.711	3292.058
[24393]	3184.795	3331.066	3300.474	3178.215	3433.187	3317.167	3220.847	3373.103
[24401]	3155.141	3364.573	3284.304	3315.643	3303.756	3192.600	3253.031	3253.290
[24409]	3195.282	3286.127	3314.726	3262.239	3229.547	3355.329	3280.053	3372.114
[24417]	3390.401	3240.131	3318.315	3150.352	3332.221	3335.944	3243.399	3256.421
[24425]	3278.437	3191.052	3092.166	3416.781	3137.720	3220.307	3196.510	3171.474
[24433]	3355.306	3240.184	3180.373	3301.308	3193.408	3311.650	3285.753	3415.235
[24441]	3186.191	3306.305	3248.212	3352.179	3374.078	3147.818	3429.838	3469.160
[24449]	2998.494	3091.839	3385.454	3364.173	3424.395	3430.295	3286.617	3242.119
[24457]	3265.017	3221.945	3123.027	3336.373	3212.343	3301.750	3204.028	3205.667
[24465]	3199.770	3289.554	3264.905	3237.029	3163.122	3349.758	3355.263	3261.840
[24473]	3285.907	3157.858	3348.376	3228.185	3139.305	3348.195	3163.507	3212.410
[24481]	3243.866	3292.151	3187.049	3041.365	3036.442	3429.818	3128.948	3134.534
[24489]	3114.599	3404.462	3229.878	3216.992	3340.746	3344.944	3203.945	3329.613
[24497]	3225.726	3330.897	3067.408	3381.458	3270.354	3269.345	3228.406	3233.797
[24505]	3329.588	3381.409	3116.051	3407.067	3194.794	3299.634	3251.984	3252.677
[24513]	3250.088	3249.786	3264.006	3239.797	3160.637	3294.582	3171.439	3237.687
[24521]	3288.294	3298.462	3169.191	3313.705	3189.806	3246.849	3143.379	3400.451
[24529]	3118.349	3280.461	3461.430	3329.462	3165.361	3399.863	3291.036	3207.876
[24537]	3178.867	3328.833	3252.699	3381.766	3112.015	3472.571	3232.472	3284.844
[24545]	3222.636	3226.624	3220.931	3303.062	3264.426	3205.091	3225.884	3362.570
[24553]	3152.387	3458.415	3048.460	3323.014	3215.591	3292.381	3185.994	3344.837
[24561]	3177.675	3210.216	3240.785	3246.977	3070.127	2991.738	3490.904	3452.161
[24569]	3317.198	3159.377	3360.050	3133.930	3348.348	3186.420	3329.195	3128.391
[24577]	3348.163	3008.278	3469.995	3113.221	3195.987	3175.779	3189.281	3400.316
[24585]	3150.225	3286.096	3229.690	3309.850	3205.305	3109.992	3300.197	3217.137
[24593]	3279.690	3471.385	3032.875	3043.384	3345.823	3364.896	3150.279	3276.881
[24601]	3204.403	3250.449	3104.239	3410.258	3255.257	3326.025	3295.546	3255.059
[24609]	3274.488	3337.387	3168.223	3333.164	3325.148	3381.148	3431.080	3360.301
[24617]	2980.362	3321.988	3229.880	3296.702	3352.948	3205.407	3218.074	3210.703
[24625]	3213.051	3208.410	3245.938	3244.467	3175.389	3163.002	3216.161	3217.157
[24633]	3217.157	3254.675	3260.012	3125.538	3113.739	3399.378	3137.706	3117.351
[24641]	3193.609	3186.494	3311.004	3427.122	3096.325	3249.944	3274.924	3190.861

[24649]	3027.489	3271.460	3266.712	3359.127	3115.269	3384.317	3345.337	3090.573
[24657]	3386.607	3257.256	3294.874	3032.221	3149.369	3347.755	3292.296	3311.083
[24665]	3249.664	3293.774	3241.727	3261.096	3368.889	3350.456	3340.865	3196.975
[24673]	3340.709	3445.274	3099.793	3446.242	3040.983	3472.791	3058.682	3346.470
[24681]	3253.801	3282.219	3283.090	3240.343	3259.352	3191.557	3329.833	3298.763
[24689]	3092.582	3438.900	3392.212	3114.642	3187.361	3043.415	3262.879	3284.175
[24697]	3246.976	3339.571	3368.278	3161.103	3274.765	3315.117	3251.409	3309.703
[24705]	3204.724	3190.353	3242.647	3189.805	3259.194	3243.578	3266.423	3221.890
[24713]	3529.844	3229.592	3337.781	3220.938	3252.434	3342.565	3258.869	3240.723
[24721]	3297.519	3118.686	3290.250	3131.451	3275.729	3304.891	3202.130	3331.994
[24729]	3266.260	3217.655	3291.496	3260.047	3391.280	3263.119	3154.551	3117.141
[24737]	3361.676	3163.051	3364.939	3106.934	3254.629	3307.030	3164.766	3366.757
[24745]	3273.921	3247.722	3259.860	3121.605	3401.343	3429.076	3207.748	3344.995
[24753]	3317.986	3275.424	3304.902	3311.308	3283.237	3241.615	3344.874	3213.907
[24761]	3334.719	3184.891	3327.777	3210.009	3127.358	3071.626	3323.099	3198.948
[24769]	3278.913	3113.102	3173.165	3303.916	3270.173	3338.490	3200.725	3318.223
[24777]	3210.074	3281.846	3227.779	3132.196	3174.137	3195.635	3161.155	3137.904
[24785]	3304.774	3189.019	3030.346	3163.025	3353.622	3525.566	3018.065	3340.597
[24793]	3328.234	3290.267	3334.039	3344.125	3079.798	3416.701	3084.368	3327.644
[24801]	3435.037	3459.269	3295.177	3271.148	3169.191	3275.133	3165.989	3115.004
[24809]	3397.471	3132.121	3458.423	3370.730	3450.941	3473.651	2999.062	3399.099
[24817]	3318.049	3216.488	3356.184	3283.891	2967.856	3185.737	3229.806	3361.747
[24825]	3403.562	3063.697	3351.321	3277.737	3246.286	3369.633	3509.361	3531.735
[24833]	3267.833	3124.400	3456.517	3485.178	3410.322	3252.683	3184.862	3168.459
[24841]	3431.835	3267.405	3249.990	3249.337	3261.339	3230.299	3315.470	3219.869
[24849]	3351.178	3192.718	3322.429	3305.121	3060.538	3182.764	3161.145	3119.524
[24857]	3051.159	3070.254	3320.317	3213.670	3137.803	3390.767	3093.851	3113.194
[24865]	3375.051	3241.763	3228.060	3274.925	3187.957	3298.831	3326.969	3145.412
[24873]	3371.251	3124.640	3035.682	3184.942	3136.100	3166.173	3071.174	3464.888
[24881]	3290.194	3260.561	3266.508	3224.517	3290.323	3215.159	3377.427	3371.829
[24889]	3368.344	3234.684	3226.828	3324.747	3230.237	3331.630	3169.208	3311.754
[24897]	3360.107	3354.274	3321.389	3261.151	3148.603	3417.552	3348.278	3399.942
[24905]	3083.146	3203.057	3234.376	3228.564	3257.474	3325.987	3307.475	3329.942
[24913]	3092.451	3054.038	3322.551	3114.759	3319.842	3398.646	3158.986	3239.741
[24921]	3282.465	3190.343	3231.376	3253.208	3326.717	3422.227	3270.386	3314.574
[24929]	3239.605	3310.711	3209.838	3261.800	3213.846	3216.220	3241.411	3309.507
[24937]	3369.353	3267.592	3289.197	3135.457	3223.519	3460.863	3310.525	3201.446
[24945]	3275.965	3232.187	3239.156	3250.263	3306.372	3223.524	3389.266	3055.266
[24953]	3405.460	3153.935	3222.126	3357.802	3331.848	3284.222	2972.694	3333.665
[24961]	3498.126	3290.261	3304.558	3296.187	3300.107	3299.498	3285.163	3135.158
[24969]	3154.797	3142.112	3437.327	3132.609	3334.910	3357.281	3218.937	3361.205
[24977]	3215.023	3281.289	3251.311	3398.557	3368.986	3176.079	3367.632	3138.627
[24985]	3136.162	3323.705	3176.385	3311.745	3183.184	3255.915	3288.698	3002.771

[24993]	3557.811	2952.751	3261.383	3308.438	3321.837	3346.667	3079.677	3151.702
[25001]	3183.547	3156.119	3146.242	3458.587	3331.392	3202.498	3137.241	3272.039
[25009]	3233.547	3473.331	3052.286	3222.769	3076.257	3440.202	3147.932	3025.118
[25017]	3279.630	3229.945	3314.328	3208.726	3324.595	3136.407	3424.403	3120.826
[25025]	3197.055	3238.524	3283.038	3189.428	3144.125	3207.008	3326.269	3568.168
[25033]	3395.404	3338.574	3070.757	3130.915	3429.454	3237.896	3290.336	3272.935
[25041]	3398.907	3158.043	3308.035	3178.305	3238.275	3448.065	3208.505	3115.430
[25049]	3426.087	3103.759	3166.044	3361.896	3143.785	3238.516	3318.416	3226.312
[25057]	3443.597	3061.558	3282.118	3259.843	3375.378	3106.226	3128.288	3163.874
[25065]	3339.843	3283.386	3229.663	3383.666	3241.379	3099.680	3006.148	3158.229
[25073]	3331.792	3205.259	3198.157	3244.665	3279.135	3181.177	3199.396	3230.078
[25081]	3149.974	3272.148	3383.385	3225.714	3152.155	3328.203	3189.080	3359.280
[25089]	3126.769	3137.148	3203.079	3153.570	3403.917	3308.040	3328.303	3366.812
[25097]	3363.862	3142.055	3140.436	3251.613	3242.884	3205.044	3425.053	3057.215
[25105]	3205.716	3505.433	3012.168	3482.275	3280.840	3329.928	3373.737	3210.266
[25113]	3160.392	3422.234	3037.515	3193.218	3192.683	3253.673	3237.311	3306.592
[25121]	3195.777	3413.587	3115.267	3122.045	3352.319	3260.560	3286.346	3328.955
[25129]	3170.062	3260.573	3277.354	3165.299	3152.729	3414.920	3114.077	3123.503
[25137]	3236.330	3229.789	3164.728	3357.025	3201.740	3305.047	3423.944	3098.014
[25145]	3284.980	3287.348	3433.033	3104.223	3413.485	3164.158	3184.483	3358.460
[25153]	3289.146	3336.709	3294.798	3029.698	3478.465	3437.857	3237.667	3191.055
[25161]	3218.108	3361.838	3386.346	3240.337	3129.401	3102.478	3264.498	3111.220
[25169]	3394.526	3331.763	3219.002	3234.876	3308.341	3252.568	3345.701	3359.346
[25177]	3210.716	3360.832	3207.646	3169.445	3357.590	3187.468	3347.183	3338.661
[25185]	3250.047	3353.719	3283.479	3216.752	3135.170	3407.745	3338.531	3161.404
[25193]	3478.488	3270.651	3259.401	3336.064	3330.440	3218.906	3203.715	3331.874
[25201]	3234.119	3275.958	3215.862	3263.630	3265.224	3297.632	3128.764	3110.040
[25209]	3227.327	3159.049	3239.803	3155.564	3205.363	3292.682	3231.520	3084.279
[25217]	3192.232	3325.553	3115.653	3047.373	3246.618	3223.024	3292.894	3293.436
[25225]	3301.860	3332.258	3185.513	3348.643	3208.488	3184.795	3280.680	3197.011
[25233]	3116.683	3373.513	3167.973	3064.821	3174.887	3271.827	3251.681	3255.229
[25241]	3226.394	3276.344	3294.042	3196.193	3079.230	3086.672	3272.799	3265.339
[25249]	3322.482	3203.138	3230.960	3117.293	3298.506	3243.806	3280.362	3446.015
[25257]	3194.742	3137.244	3378.214	3554.561	2957.267	3004.729	3181.126	3321.113
[25265]	3310.629	3265.215	3357.580	3306.645	3225.654	3282.764	3268.075	3247.660
[25273]	3264.361	3426.701	3098.494	3264.209	3289.386	3265.902	3319.045	3397.682
[25281]	3159.880	3299.389	3140.166	3210.640	3313.446	3293.207	3386.326	3201.234
[25289]	3306.321	3251.509	3467.505	3081.755	3237.155	3265.002	3158.496	3409.658
[25297]	3294.936	3146.900	3209.645	3288.888	3278.916	3248.071	2931.406	2882.678
[25305]	3347.273	3388.789	3382.212	3040.237	3159.921	3393.369	3166.762	3296.365
[25313]	3301.328	3281.600	3317.262	3196.510	3085.771	3176.465	3375.861	3208.484
[25321]	3293.662	3210.062	3302.072	3378.260	3258.746	3356.817	3247.371	3327.020
[25329]	3204.243	3504.411	3480.923	3228.386	3518.946	3388.464	3174.575	3247.086

[25337]	3205.562	3373.186	3438.345	3331.961	3336.220	3372.389	3273.213	3284.348
[25345]	3291.167	3240.122	3124.055	3337.723	3153.213	3115.657	3355.165	3124.974
[25353]	3372.601	3269.605	3232.035	3274.544	3228.379	3203.653	3346.145	3230.725
[25361]	3181.751	3159.228	3127.273	3132.048	3161.771	3288.095	3246.299	3288.408
[25369]	3101.423	3386.037	3366.845	3274.315	3214.372	3134.040	3366.652	3270.427
[25377]	3177.843	3247.873	3257.597	3255.149	3236.535	3356.677	3182.601	3313.481
[25385]	3243.551	3158.146	3398.127	3339.070	3323.961	3217.564	3208.319	3332.973
[25393]	3210.564	3321.342	3334.805	3407.962	3322.732	3135.467	3476.567	3269.713
[25401]	3343.388	3302.655	3240.404	3266.229	3412.008	3046.537	3393.798	3154.376
[25409]	3354.863	3233.203	3324.327	3307.845	3289.283	3277.463	3310.332	3251.184
[25417]	3204.489	3260.053	3192.345	3170.695	3068.215	3247.910	3302.868	3294.815
[25425]	3407.585	3346.612	3204.499	3301.001	3312.759	3200.656	3361.562	3348.960
[25433]	3162.510	3340.576	3452.366	3248.285	3260.548	3252.471	3263.966	3237.741
[25441]	3299.311	3259.132	3231.758	3150.039	3441.707	3276.950	3121.783	3198.814
[25449]	3286.615	3108.966	3241.462	3141.641	3104.608	3349.802	3468.102	3373.654
[25457]	3212.191	3229.210	3247.919	3405.211	3097.766	3238.079	3296.868	3065.216
[25465]	3182.828	3317.392	3499.261	3494.631	3132.952	3279.202	3197.402	2982.444
[25473]	3095.608	3095.102	3435.933	3460.886	3410.076	3365.402	3363.217	3295.590
[25481]	3600.430	3610.115	3502.148	2963.731	3561.807	3056.410	3380.474	3423.431
[25489]	3161.088	3351.517	3037.588	3218.852	3592.102	3356.436	3352.023	3282.082
[25497]	3301.104	3256.719	3292.961	3289.611	3224.924	3299.719	3198.402	3033.606
[25505]	3178.300	3243.457	3254.080	3283.524	3064.752	3292.279	3271.928	3298.510
[25513]	3218.009	3257.225	3243.384	3246.232	3147.382	3184.615	3453.613	3413.292
[25521]	3106.011	3470.132	3307.857	3321.637	3170.741	3149.531	3390.697	3370.532
[25529]	3246.130	3303.034	3210.154	3019.026	3180.307	3414.596	3090.794	3123.917
[25537]	3492.766	3172.661	3177.502	3144.605	3231.202	3109.349	3107.483	3314.274
[25545]	3225.367	3166.107	3249.003	3311.524	3154.682	3397.775	3244.650	3176.816
[25553]	3111.733	3096.591	3147.681	3346.351	3175.800	3209.635	3215.674	3225.065
[25561]	3214.048	3566.687	3312.286	3165.936	3160.063	3400.597	3125.880	3413.877
[25569]	3298.985	3282.878	3097.995	3266.322	3252.353	3134.768	3157.498	3398.418
[25577]	3083.606	3302.905	3175.810	3167.264	3238.781	3302.574	3357.681	3566.296
[25585]	3462.359	3112.883	3201.443	3339.423	3273.914	3289.840	3272.057	3172.422
[25593]	3246.874	3258.906	3230.680	3091.420	3406.127	3087.517	3474.384	3270.458
[25601]	3278.708	3350.220	3314.717	3202.875	3439.921	3360.558	3171.693	3282.277
[25609]	3215.603	3356.180	3286.621	3176.747	3227.553	3326.175	3418.272	3470.932
[25617]	3412.190	3145.698	3298.637	3363.682	3256.799	3354.937	3285.757	3183.325
[25625]	3352.889	3216.516	3111.012	3491.029	3378.156	3320.959	3187.902	3248.451
[25633]	3271.944	3221.569	3198.972	3351.499	3169.648	3278.572	3377.173	3154.282
[25641]	3381.791	3082.265	3206.715	3384.225	3216.467	3279.034	3249.008	3316.589
[25649]	3311.255	3361.970	3329.481	3213.286	3331.067	3126.577	3070.084	3128.236
[25657]	3438.980	3255.199	3084.256	3063.382	3451.675	3394.740	3253.977	3260.804
[25665]	3362.487	3159.413	3176.946	3310.006	3197.843	3258.097	3215.640	3329.706
[25673]	3195.557	3299.167	3265.744	3224.209	3360.427	3201.418	3310.756	3284.968

[25681]	3276.858	3307.025	3222.595	3235.191	3318.139	3233.660	3317.528	3228.639
[25689]	3208.540	3353.227	3305.374	3525.288	3251.939	3310.649	3209.552	3287.526
[25697]	3219.280	3293.927	3340.334	3186.646	3204.637	3255.807	3357.649	3271.390
[25705]	3171.903	3191.687	3369.113	3137.843	3484.743	3162.193	3367.362	3221.449
[25713]	3273.740	3274.304	3349.408	3353.055	3286.426	3303.175	3302.373	3176.905
[25721]	3170.425	3340.975	3380.529	3165.903	3134.908	3354.689	3352.025	3254.840
[25729]	3219.091	3308.895	3379.295	3363.268	3396.830	3267.642	3412.480	3110.781
[25737]	3436.196	3397.177	3179.786	3417.859	3117.746	3258.843	3070.865	3468.561
[25745]	3485.364	3474.150	3171.272	3252.531	3287.340	3247.448	3269.635	3260.699
[25753]	3207.103	3208.584	3437.277	3084.307	3344.965	3306.800	3206.217	3244.040
[25761]	3311.586	3430.360	3442.070	3451.278	3397.447	3153.386	3228.175	3216.821
[25769]	3316.842	3211.348	3300.176	3290.402	3100.140	3372.445	3342.643	3191.299
[25777]	3174.299	3065.474	3096.694	3464.417	3466.026	3241.921	3279.563	3298.910
[25785]	3232.644	3176.357	3331.588	3145.683	3221.615	3229.209	3305.916	3388.874
[25793]	3093.062	3110.356	3244.844	3210.168	3320.783	3350.540	3203.050	3073.279
[25801]	3311.695	3344.572	3213.598	3172.051	3351.574	3341.021	3349.882	3369.693
[25809]	3215.592	3135.276	3272.160	3116.083	3391.236	3075.247	3320.618	3497.888
[25817]	3387.446	3494.333	3216.539	3157.798	3216.838	3270.334	3288.532	3342.506
[25825]	3039.823	3509.816	3525.633	3486.787	3324.997	3276.505	3404.080	3471.914
[25833]	3321.842	3144.150	3361.883	3265.642	3289.645	3169.135	3315.689	3335.340
[25841]	3232.811	3339.586	3312.590	3160.660	3183.870	3245.096	3225.891	3338.486
[25849]	3181.345	3370.633	3295.218	3175.862	3402.922	3185.311	3192.869	3356.730
[25857]	3307.195	3343.555	3250.048	3256.472	3213.763	3045.664	3466.921	3571.132
[25865]	3555.490	2970.652	3546.270	3442.877	3395.732	3075.688	3423.603	3130.028
[25873]	3342.265	3289.367	3264.917	3268.403	3201.836	3304.116	3231.600	2976.175
[25881]	3239.008	3245.425	3307.016	3161.653	3389.762	3330.074	3347.386	3195.889
[25889]	3327.051	3271.143	3210.784	3168.968	3428.030	3103.093	3132.241	3406.929
[25897]	3263.386	3190.381	3299.657	3091.299	3401.344	3393.839	3135.130	3252.156
[25905]	3233.376	3290.676	3492.972	3221.549	3283.936	3376.119	3300.072	3328.111
[25913]	3114.376	3209.809	3292.237	3239.703	3295.702	3255.251	3285.790	3266.215
[25921]	3250.883	3381.547	3437.812	3382.480	3386.053	3217.571	3259.403	3287.958
[25929]	3289.438	3272.904	3297.514	3189.772	3195.882	3236.863	3199.715	3024.599
[25937]	3545.400	3117.027	3482.196	2981.082	3150.013	3228.901	3274.471	3305.161
[25945]	3311.597	3144.943	3103.960	3446.680	3076.688	3281.414	3288.194	3285.393
[25953]	3227.487	3251.336	3278.114	3341.254	3230.977	3236.196	3434.836	3365.018
[25961]	3389.626	3531.112	3291.928	3244.422	3153.963	3373.599	3341.780	3492.455
[25969]	3045.169	3241.861	3238.207	3140.359	3399.740	3294.821	3310.232	3232.580
[25977]	3087.661	3414.689	3343.543	3636.425	3544.769	2976.610	3307.672	3281.008
[25985]	3423.777	3369.933	3264.539	3124.867	3362.254	3174.870	3378.409	3097.233
[25993]	3266.191	3073.654	3518.484	2994.587	3516.319	3437.580	3332.797	3212.277
[26001]	3272.960	3454.821	3396.415	3128.290	3296.262	3263.230	3378.762	3240.184
[26009]	3311.240	3286.388	3420.411	3361.488	3126.245	3328.275	3181.498	3548.089
[26017]	3275.513	3196.173	3268.372	3223.584	3288.579	3224.720	3418.749	3211.083



[26025]	3248.069	3288.504	3172.454	3302.427	3236.504	3298.138	3235.701	3270.333
[26033]	3131.491	3197.409	3359.713	3239.854	3325.146	3248.425	3297.865	3190.089
[26041]	3207.424	3098.072	3419.771	3397.621	3211.011	3174.227	3305.307	3358.673
[26049]	3292.147	3329.304	3217.057	3372.758	3166.129	3353.113	3181.748	3184.170
[26057]	3187.977	3303.206	3220.813	3233.572	3274.937	3261.927	3076.598	3248.151
[26065]	3252.687	3121.983	3427.173	3147.119	3180.168	3170.729	3256.631	3168.052
[26073]	3309.156	3203.149	3343.688	3138.663	3250.727	3314.249	3207.951	3307.018
[26081]	3421.007	3234.102	3305.468	3103.685	3395.013	3242.478	3318.758	3357.537
[26089]	3129.613	3162.584	3254.231	3249.487	3158.108	3268.354	3294.576	3323.766
[26097]	3235.390	3221.589	3282.232	3306.175	3272.597	3320.424	3168.846	3333.119
[26105]	3357.473	3244.928	3394.982	3209.261	3189.390	3225.174	3197.863	3401.827
[26113]	3223.020	3218.725	3114.943	3423.425	3291.776	3255.299	3276.944	3149.498
[26121]	2950.617	3279.465	3220.134	3383.706	3221.483	3412.909	3119.265	3331.954
[26129]	3384.290	3300.314	3408.038	3494.546	3336.724	3166.632	3251.332	3279.113
[26137]	3200.959	3248.514	3325.800	3380.640	3095.777	3193.393	3312.490	3303.239
[26145]	3250.773	3036.917	3470.300	3084.439	3258.971	3307.618	3282.445	3431.959
[26153]	3327.701	3247.519	3205.534	3342.012	3132.548	3345.538	3207.414	3266.290
[26161]	3218.531	3317.980	3415.460	3150.570	3192.639	3252.270	3295.879	3154.539
[26169]	3122.061	3054.242	3439.431	3134.203	3241.650	3190.201	3309.464	3187.732
[26177]	3300.354	3261.655	3212.271	3306.059	3336.537	3180.943	3396.254	3225.462
[26185]	3221.666	3224.847	3282.618	3350.837	3097.248	3241.211	3357.498	3353.876
[26193]	3256.982	3209.780	3305.319	3334.946	3118.155	3412.117	3376.445	3340.114
[26201]	3258.808	3277.096	3304.838	3306.806	3252.892	3412.778	3348.887	3179.213
[26209]	3277.847	3253.719	3216.008	3122.401	3466.674	3207.178	3133.008	3197.587
[26217]	3297.119	3216.505	3176.571	3313.076	3333.013	3174.354	3307.880	3274.565
[26225]	3261.426	3211.845	3113.185	3418.051	3092.233	3058.012	3433.068	3362.190
[26233]	3289.306	3384.917	3177.884	3322.723	3254.973	3112.629	3208.571	3255.222
[26241]	3439.548	3273.567	3226.035	3218.045	3307.372	3237.781	3331.675	3305.881
[26249]	3238.845	3313.598	3190.357	3231.901	3120.456	3173.181	3342.690	3162.395
[26257]	3163.076	3080.465	3424.858	3304.518	3122.417	3174.653	3260.814	3526.111
[26265]	3087.213	3166.520	3291.463	3220.328	3310.438	3263.711	3364.943	3396.643
[26273]	3297.926	3226.251	3289.702	3312.852	3508.109	3074.465	3044.549	3053.970
[26281]	2996.360	3028.368	3234.612	3331.258	3197.174	3166.590	3330.694	3329.242
[26289]	3379.565	3166.802	3152.636	3095.780	3271.243	3315.646	3106.125	3193.374
[26297]	3389.299	3251.677	3270.925	3263.794	3086.522	3126.169	3478.954	3060.047
[26305]	3463.485	3383.786	3173.395	3372.462	3205.448	3189.832	3305.738	3229.062
[26313]	3284.860	3265.874	3266.001	3233.751	3284.712	3247.958	3281.380	3047.039
[26321]	3444.353	3389.360	3184.726	3253.931	3231.328	3337.158	3195.776	3390.888
[26329]	3155.840	3373.469	3119.109	3265.081	3416.166	3230.904	3193.906	3162.901
[26337]	3405.322	3127.174	3033.099	3290.801	3319.951	3120.969	3419.101	3095.714
[26345]	3123.658	3028.209	3121.749	3084.094	3465.399	3428.134	3105.913	3236.337
[26353]	3144.173	3142.917	3353.861	3254.212	3237.345	3213.360	3252.352	3113.047
[26361]	3375.873	3398.563	3103.502	3241.527	3296.693	3426.401	3330.060	3359.312

[26369]	3419.498	3268.577	3220.867	3201.409	3196.945	3244.831	3275.792	3259.286
[26377]	3328.016	3277.629	3113.269	3332.716	3245.260	3294.516	3253.194	3391.657
[26385]	3387.110	3163.744	3247.232	3275.356	3278.469	2917.434	3394.569	3151.690
[26393]	3338.061	3330.262	3318.168	3326.744	3277.239	3258.302	3250.900	3284.278
[26401]	3257.331	3298.853	3295.800	3273.472	3284.954	3307.569	3306.735	3270.569
[26409]	3254.909	3350.172	3216.560	3214.155	3264.925	3294.932	3278.212	3283.603
[26417]	3341.570	3351.280	3335.956	3345.249	3349.896	3333.267	3282.602	3287.744
[26425]	3199.140	3308.540	3286.393	3288.861	3190.342	3192.416	3350.334	3241.206
[26433]	3239.386	3223.774	3251.111	3383.666	3199.979	3132.317	3216.923	3302.520
[26441]	3361.744	3238.483	3191.460	3127.560	3166.287	3159.578	3322.150	3276.530
[26449]	3255.890	3238.025	3274.908	3215.844	3251.540	3034.849	3049.247	3077.988
[26457]	3282.556	3309.771	3280.192	3174.702	3251.957	3198.981	3219.600	3381.046
[26465]	3316.223	2942.696	3165.194	3315.339	3324.142	3236.526	3014.756	3170.343
[26473]	3228.385	3243.806	3361.418	3189.809	3126.320	3195.147	3289.909	3048.196
[26481]	3044.855	3340.677	3144.528	3359.659	3166.740	3407.269	3435.918	3067.039
[26489]	3086.321	3270.589	3264.227	3227.873	3157.298	3286.686	3233.986	3149.493
[26497]	3055.554	3422.317	3106.803	3410.996	3469.767	3509.481	3340.332	3029.571
[26505]	3116.390	3391.986	3258.717	3111.256	3164.446	3213.883	3338.207	3206.796
[26513]	3101.927	3305.142	3216.269	3141.591	3209.185	3423.279	2922.561	2890.153
[26521]	3597.939	3007.379	3211.728	3259.771	3256.514	3243.937	3316.057	3365.551
[26529]	3385.337	3235.092	3322.693	3166.240	3166.879	3343.193	3284.730	3104.173
[26537]	3386.691	3120.891	3384.610	3188.209	3245.857	3207.448	3145.774	3142.081
[26545]	3373.381	3182.775	3312.916	3171.231	3351.764	2923.976	3602.324	3456.124
[26553]	3462.096	3161.885	3183.678	3324.518	3420.308	3311.358	3244.151	3327.618
[26561]	3309.086	3269.746	3143.619	3230.298	3306.801	3148.402	3419.876	3120.369
[26569]	3332.571	3256.400	3270.343	3270.343	2948.066	3006.684	3363.536	3284.959
[26577]	3260.246	3277.413	3153.272	3247.868	3217.066	3433.039	3113.558	3226.797
[26585]	3118.079	3433.002	3093.300	3421.734	3371.877	3328.822	3325.162	3090.956
[26593]	3093.842	3392.009	3550.013	3444.871	3370.276	3285.989	3340.558	3226.932
[26601]	3247.314	3131.923	3090.055	3182.530	3238.153	3113.510	3412.786	3142.901
[26609]	3332.796	3138.435	3375.087	3127.098	3053.500	3092.892	3247.521	3096.936
[26617]	3201.987	3336.324	3314.254	3341.056	3363.246	3289.147	3385.615	3412.179
[26625]	3133.516	3035.232	3021.623	3060.837	3249.749	3298.500	3183.987	3266.227
[26633]	3338.136	3162.125	3113.362	3171.460	3118.643	3220.085	3319.151	3200.613
[26641]	3093.574	3108.763	3051.633	3225.642	3502.787	3314.118	3154.243	3412.223
[26649]	3108.486	3426.031	3325.798	3071.386	3396.711	3065.999	3453.505	3143.885
[26657]	2973.650	3523.877	3340.437	3350.650	3176.803	3563.672	3348.628	3495.073
[26665]	3465.540	3394.320	3122.884	3184.771	3222.049	3143.089	3415.459	3350.025
[26673]	3440.975	3205.599	3228.845	3268.276	3311.449	3314.005	3309.647	3295.545
[26681]	3196.959	3141.392	3381.770	3368.398	3182.674	3314.480	3264.010	3264.342
[26689]	3230.025	3206.763	3276.750	3219.499	3174.858	3368.648	3139.079	3446.370
[26697]	3075.441	3402.829	3278.708	3388.423	3102.978	3128.544	3487.478	3000.315
[26705]	3492.222	3308.955	3211.822	3172.295	3412.445	3068.684	3059.044	3220.589

[26713]	3271.148	3308.297	3205.110	3249.562	3231.297	3344.642	3268.133	3199.625
[26721]	3307.981	3317.164	3334.283	3316.571	3162.167	3307.912	3192.760	3254.473
[26729]	3274.330	3285.195	3179.864	3293.622	3238.290	3172.967	3342.980	3276.126
[26737]	3228.742	3206.173	3200.363	3241.107	3210.394	3283.732	3114.256	3442.008
[26745]	3032.717	3161.654	3241.750	3122.173	3168.014	3349.819	3205.938	3280.666
[26753]	3334.088	3459.995	3234.237	3235.129	3378.759	3100.163	3157.712	3167.880
[26761]	3147.832	3112.187	3510.810	3361.452	3213.348	3327.202	3158.911	3227.114
[26769]	3305.688	3367.242	3298.092	3317.253	3241.507	3274.665	3342.167	3468.736
[26777]	3302.328	3175.250	3350.743	3371.637	3333.266	3191.303	3330.036	3256.665
[26785]	3345.993	3278.107	3148.409	3172.328	3191.202	3084.321	3405.852	3091.113
[26793]	3124.517	3123.147	3327.230	3214.353	3306.637	3363.321	3015.589	3552.567
[26801]	3549.442	3482.423	3196.135	3107.548	3380.665	3334.570	3220.480	3257.298
[26809]	3251.845	3086.548	3159.539	3259.872	3219.101	3233.896	3390.122	3462.789
[26817]	3165.284	3196.279	3153.957	3323.868	3265.945	3336.637	3153.045	3369.601
[26825]	3248.263	3188.417	3351.810	3360.331	3327.598	3273.233	3268.721	3188.903
[26833]	3286.690	3407.356	3138.776	3393.060	3323.799	3325.238	3410.087	3395.194
[26841]	3516.021	3288.517	3176.133	3322.445	3223.035	3242.833	3215.809	3247.338
[26849]	3273.724	3049.081	3136.729	3236.540	3227.965	3233.885	3321.594	3217.235
[26857]	3287.390	3300.054	3240.942	3292.553	3305.247	3010.862	3384.484	3145.976
[26865]	3271.184	3303.624	3288.615	3216.039	3301.310	3256.848	3327.253	3201.652
[26873]	3343.827	3146.932	3442.694	3232.544	3306.045	3185.638	3178.856	3407.655
[26881]	3177.218	3329.629	3290.109	3238.776	3277.272	3137.746	3363.502	3174.323
[26889]	3249.892	3314.062	3232.535	3274.080	3172.066	3072.913	3348.687	3385.110
[26897]	3356.745	3264.438	3269.715	3197.351	3148.570	3297.807	3269.931	3269.931
[26905]	3380.544	3344.559	3262.586	3254.578	3240.988	3200.974	3333.711	3306.906
[26913]	3254.906	3237.596	3255.638	3260.938	3270.764	3184.365	3014.253	2978.555
[26921]	3045.998	3052.301	3444.220	3056.189	3458.245	3099.616	3059.689	3018.123
[26929]	3382.529	3403.182	3409.210	3365.462	3348.902	3222.919	3174.198	3327.378
[26937]	3392.808	3465.208	3315.494	3156.026	3157.748	3422.833	3147.196	3197.274
[26945]	3319.622	3466.778	3483.336	3505.297	3443.876	3413.879	3240.706	3245.571
[26953]	3263.585	3353.512	3291.107	3282.078	3166.287	3111.090	3234.146	3338.143
[26961]	3347.737	3201.278	3202.211	3240.714	3223.940	3260.678	3215.006	3278.389
[26969]	3248.171	3273.862	3382.747	3053.405	3101.384	3345.247	3383.778	3145.039
[26977]	3262.446	3188.326	3164.417	3366.017	3216.595	3182.810	3158.904	3223.136
[26985]	3240.341	3248.321	3223.815	3283.658	3186.098	3258.499	3296.160	3314.537
[26993]	3287.320	3191.169	3310.599	3214.013	3319.367	3253.226	3437.767	3488.622
[27001]	2985.554	3162.497	3355.466	3332.439	3301.699	3272.948	3313.081	3243.414
[27009]	3168.238	3063.991	3006.941	3436.181	3280.851	3187.955	3223.245	3227.872
[27017]	3283.178	3151.337	3048.734	3253.654	3300.979	3205.930	3221.678	3158.808
[27025]	3256.172	3282.255	3253.117	3291.050	3322.046	3199.135	3230.793	3062.159
[27033]	3439.476	3283.150	3262.765	3241.459	3168.574	3145.202	3161.937	3158.146
[27041]	3172.955	3460.446	3343.450	3247.595	3338.872	3276.613	3229.573	3247.877
[27049]	3292.557	3282.841	3203.373	3363.824	3230.834	3363.534	3367.542	3247.345

[27057]	3325.701	3215.315	3271.412	3293.163	3269.518	3309.523	3335.649	3195.029
[27065]	3323.117	3099.043	3296.146	3208.012	3320.418	3234.761	3236.278	3301.755
[27073]	3422.571	3190.052	3195.956	3388.237	3361.129	3142.244	3273.665	3303.650
[27081]	3240.370	3156.460	3176.284	3348.411	3439.882	3370.330	3128.331	3321.675
[27089]	3403.414	3269.472	3407.144	3092.729	3405.107	3220.552	3229.022	3318.950
[27097]	3060.127	3308.343	3293.860	3397.502	3134.302	3028.571	3207.159	3279.632
[27105]	3210.007	3413.693	3271.152	3150.315	3134.201	3291.323	3177.871	3428.385
[27113]	3400.811	3399.564	3095.307	3446.985	3194.020	3307.537	3474.947	3262.166
[27121]	3273.836	3175.327	3239.757	3324.641	3341.045	3305.058	3355.288	3076.692
[27129]	3240.356	3255.759	3270.446	3236.060	3215.828	3074.363	3453.547	3298.508
[27137]	3137.786	3433.558	3128.733	3083.637	3501.465	3281.119	3197.026	3100.807
[27145]	3185.186	3259.921	3258.750	3381.048	3110.786	3287.673	3265.832	3103.218
[27153]	3439.914	3080.151	3495.739	3192.633	3338.351	3186.482	3377.436	3170.186
[27161]	3071.439	3597.352	3338.408	3303.400	3213.019	3414.824	3288.612	3241.607
[27169]	3334.183	3213.186	3178.452	3249.841	3401.608	3025.158	3301.815	3464.809
[27177]	3399.101	3459.676	3307.298	3251.036	3239.288	3165.526	3241.535	3250.376
[27185]	3358.685	3179.412	3359.455	3480.160	3187.189	3264.923	3255.731	3143.426
[27193]	3363.202	3116.576	3431.218	3470.338	3475.618	3478.116	3324.234	3170.099
[27201]	3344.824	3193.194	3431.279	2993.415	2985.140	3235.143	3385.938	3136.580
[27209]	3292.172	3392.148	3288.244	3258.541	3258.299	3256.172	3294.845	3377.921
[27217]	3377.921	3421.202	3200.263	3502.317	3050.664	3459.023	3056.038	3243.418
[27225]	3216.524	3102.234	3141.618	3513.066	3331.282	3164.891	3275.783	3337.712
[27233]	3391.633	3284.991	3204.975	3304.046	3269.743	3209.788	3131.581	3333.822
[27241]	3293.630	3215.904	3361.752	3238.435	3369.367	3268.771	3299.581	3234.826
[27249]	3195.559	3490.182	3080.109	3371.539	3284.253	3304.032	3259.682	3278.244
[27257]	3266.623	3095.820	3343.237	3170.436	3214.286	3189.647	3289.290	3268.761
[27265]	3231.152	3356.210	3311.625	3473.705	3347.395	3355.734	3204.854	3272.574
[27273]	3100.468	3354.895	3376.762	3430.846	3267.797	3265.154	3279.299	3334.322
[27281]	3252.114	3251.040	3219.237	3270.929	3485.200	3291.708	3217.952	3290.868
[27289]	3123.663	3302.928	3025.852	3460.062	3549.976	3281.000	3247.760	3333.025
[27297]	3073.449	3013.126	2976.654	3510.035	3429.709	3452.796	3214.417	3277.967
[27305]	3350.058	3478.338	3023.451	3312.869	3047.809	3508.056	3491.608	3331.707
[27313]	3177.189	3310.140	3246.609	3220.257	3104.025	3476.779	3124.335	3124.598
[27321]	3397.783	3098.981	3323.081	3179.691	3333.804	3205.674	3272.669	3314.125
[27329]	3201.428	3418.133	3020.663	3443.630	3217.419	3285.554	3238.410	3294.667
[27337]	3320.990	3340.503	3292.995	3303.624	3253.331	3256.296	3168.774	3090.205
[27345]	3380.081	3064.677	3248.679	3125.846	3120.047	3161.674	3342.320	3347.172
[27353]	3243.814	3087.293	3075.546	3197.213	3273.430	3268.940	3322.085	3398.092
[27361]	3352.033	3258.804	3460.943	3507.515	3297.843	3343.566	3139.012	3340.206
[27369]	3336.088	3433.973	3371.411	3117.932	3374.521	3151.998	3149.985	3345.200
[27377]	3148.311	3294.929	3148.526	3262.462	3191.635	3093.164	3418.408	3385.969
[27385]	3201.106	3282.881	3379.974	3122.870	3382.150	3256.047	3264.257	3247.028
[27393]	3184.335	3228.299	3220.367	3048.422	3236.390	3240.650	3278.693	3193.267

[27401]	3313.735	3323.123	3239.298	3337.887	3377.735	3177.294	3286.943	3158.495
[27409]	3284.201	3316.195	3188.372	3087.588	3267.774	3282.576	3255.202	3344.190
[27417]	3151.937	3154.523	3100.675	3081.627	3424.383	3340.210	3365.226	3119.934
[27425]	3223.130	3287.616	3275.397	3213.032	3320.305	3228.616	3282.287	3159.604
[27433]	3235.963	3304.890	3236.674	3325.241	3058.372	3289.685	3280.305	3283.176
[27441]	3222.250	3269.638	3327.742	3249.002	3318.657	3252.680	3186.023	3345.235
[27449]	3079.428	3127.388	3166.242	3255.215	3289.011	3228.495	3205.602	3237.126
[27457]	3249.730	3179.865	3192.523	3484.797	3499.071	3119.688	3425.768	3286.510
[27465]	3208.067	3180.064	3047.130	3409.541	3348.275	3203.158	3349.795	3340.643
[27473]	3154.398	3267.841	3203.392	3218.687	3026.359	3481.038	3263.935	3303.380
[27481]	3305.482	3174.660	3132.917	3325.257	3246.247	3438.570	3551.796	2927.013
[27489]	3556.855	3052.905	3162.962	3338.282	3155.202	3247.004	3255.019	3236.863
[27497]	3087.571	3369.273	3186.447	3109.274	3346.904	3237.871	3141.766	3294.896
[27505]	3192.319	3180.161	3342.312	3056.364	3470.682	3199.458	3277.062	3359.731
[27513]	3154.975	3222.760	3047.005	3404.742	3245.328	3395.544	2957.408	2990.652
[27521]	3562.222	3402.080	3371.449	3159.029	3400.496	3190.723	3448.808	3157.960
[27529]	3104.338	3211.840	3281.216	3243.431	3377.317	3179.316	3345.942	3335.468
[27537]	3208.845	3326.012	3182.715	3125.867	3397.587	3332.750	3209.777	3406.480
[27545]	3351.207	3208.465	3267.941	3371.535	3271.691	3253.364	3182.841	3369.221
[27553]	3325.013	3275.591	3265.139	3230.870	3380.185	3428.291	3117.091	3365.594
[27561]	3172.922	3201.051	3279.900	3231.357	3286.533	3276.768	3386.625	3133.826
[27569]	3222.881	3375.742	3228.587	3246.308	3206.169	3217.350	3298.078	3280.243
[27577]	3189.739	3268.231	3097.010	3333.476	3370.191	3036.815	3126.651	3455.122
[27585]	3437.419	3427.725	3413.744	3211.201	3033.130	3033.130	3175.691	3235.292
[27593]	3262.118	3236.219	3244.661	3393.413	3255.224	3284.979	3196.276	3193.178
[27601]	3205.729	3260.138	3163.370	3346.488	3201.118	3146.045	3203.280	3192.848
[27609]	3188.423	3303.133	3291.771	3308.301	3246.983	3307.408	3271.084	3273.710
[27617]	3247.131	3287.291	3257.114	3292.875	3365.413	3147.745	3314.719	3462.657
[27625]	3288.295	3201.620	3467.098	3209.422	3237.652	3132.808	3150.901	3383.760
[27633]	3354.637	3328.909	3147.046	3310.311	3120.666	2995.831	3004.905	3175.384
[27641]	3253.974	3217.041	3444.492	3155.029	3110.541	3269.536	3362.700	3420.754
[27649]	2907.620	3154.400	3647.143	2970.148	3315.806	3156.378	3259.648	3310.508
[27657]	3370.734	3361.554	3311.564	3312.045	3222.168	3214.257	3243.542	3290.022
[27665]	3104.220	3360.536	3397.505	3488.799	3388.702	3091.963	3303.500	3214.125
[27673]	3245.635	3214.404	3332.665	3135.064	3249.582	3223.535	3246.027	3225.989
[27681]	3299.758	3300.843	3270.569	3232.813	3274.142	3092.278	3221.462	3278.431
[27689]	3298.869	3351.549	3298.494	3281.987	3325.445	3280.808	3359.119	3493.274
[27697]	3442.706	3294.498	3352.128	3168.465	3414.607	3279.737	3348.904	3214.595
[27705]	3264.907	3264.383	3264.963	3248.747	3282.332	3183.945	3331.334	3239.553
[27713]	2951.334	3228.620	3196.815	3063.434	3453.333	3439.467	3293.712	3133.731
[27721]	3205.119	3243.575	3090.841	2991.067	3395.084	3372.189	3360.603	3202.864
[27729]	3331.491	3471.726	3170.643	3028.472	3008.549	3048.184	3361.399	3329.890
[27737]	3200.381	3313.646	3342.475	3164.714	3328.038	3177.057	3339.950	3183.180

[27745]	3333.902	3276.861	3262.183	3222.696	3357.734	3060.205	3116.914	3384.988
[27753]	3322.527	3309.050	3407.944	3509.421	3110.165	3419.787	3095.888	3501.328
[27761]	3317.370	3169.525	3264.704	3258.859	3223.918	3251.621	3300.496	3220.744
[27769]	3348.513	3376.745	3106.934	3216.927	3185.516	3266.907	3303.009	3215.522
[27777]	3285.906	3308.444	3217.204	3211.674	3421.779	3472.811	3182.946	3140.343
[27785]	3156.687	3280.215	3277.735	3302.325	3260.205	3270.532	3111.234	3306.594
[27793]	3236.334	3342.409	3188.024	3363.439	3299.953	3174.838	3167.619	3233.303
[27801]	3301.218	3296.777	3302.468	3130.752	3325.623	3335.442	3057.371	3467.693
[27809]	3453.619	3411.557	3402.083	3087.371	3398.327	3329.844	3221.498	3097.883
[27817]	3378.029	3081.799	3122.252	3439.454	3159.374	3347.224	3312.312	3283.307
[27825]	3279.871	3245.740	3153.674	3345.562	3189.794	3366.180	3352.386	3382.449
[27833]	3404.901	3434.293	3226.436	3157.657	3322.067	3211.501	3248.500	3342.307
[27841]	3398.403	3182.997	3205.144	3280.468	3327.183	3236.519	3230.483	3321.746
[27849]	3360.340	3541.538	3579.651	3558.024	3203.682	3286.879	3134.988	3232.483
[27857]	3262.873	3228.614	3367.737	3386.524	3363.588	3219.713	3183.110	3217.367
[27865]	3298.035	3196.287	3172.956	3359.566	3094.475	3503.456	3117.507	3103.511
[27873]	3194.714	3169.829	3246.836	3270.541	3138.234	3493.881	3076.754	3280.646
[27881]	3221.510	3238.669	3266.499	3288.085	3341.292	3148.458	3223.374	3301.743
[27889]	3194.387	3173.848	3123.559	3303.055	3463.618	3051.250	3409.766	3119.496
[27897]	3432.756	3120.856	3226.392	3419.708	3113.726	3278.067	3314.826	3228.662
[27905]	3243.612	3343.412	3125.467	3245.608	3226.120	3343.555	3239.287	3430.318
[27913]	3285.858	3296.134	3229.357	3324.265	3479.116	3139.801	3129.491	3199.009
[27921]	3179.005	3293.852	3298.168	3372.240	3280.679	3218.006	3171.360	3135.404
[27929]	3080.617	3140.697	3339.812	3148.295	3308.247	3478.964	3376.481	3132.204
[27937]	3270.646	3176.588	3388.200	3114.567	3316.129	3166.984	3204.736	3291.198
[27945]	3217.750	3333.514	3316.272	3312.576	3348.282	3194.623	3258.071	3262.115
[27953]	3362.424	3188.808	3314.019	3216.485	3309.715	3454.350	3117.562	3205.753
[27961]	3231.615	3278.559	3314.879	3406.479	3255.074	3170.090	3311.426	3223.020
[27969]	3271.183	3330.707	3214.616	3314.097	3255.615	3189.260	3265.445	3405.579
[27977]	3153.509	3173.459	3259.390	3227.249	3239.767	3221.082	3432.066	3108.960
[27985]	3382.695	3141.548	3393.523	3282.486	3377.013	3078.917	3106.392	3049.402
[27993]	3046.796	3076.484	3328.542	3455.381	3353.010	3284.737	3211.343	3298.879
[28001]	3252.400	3301.335	3111.701	3334.113	3287.732	3271.510	3242.893	3034.734
[28009]	3200.945	3238.033	3232.979	3238.077	3314.463	3137.334	3407.741	3143.426
[28017]	3247.769	3371.233	3414.689	3082.209	3413.018	3089.287	3138.457	3186.601
[28025]	3176.517	3062.624	3457.480	3024.672	3191.949	3208.531	3142.655	3275.298
[28033]	3253.810	3125.127	3131.021	3412.061	3336.369	3166.625	3226.480	3304.009
[28041]	3485.650	3303.708	3233.502	3334.807	3179.952	3212.368	3272.233	3203.132
[28049]	3265.047	3295.783	3336.969	3423.147	3205.612	3332.195	3240.515	3205.304
[28057]	3260.576	3450.497	3129.199	3087.735	3409.505	3305.611	3074.452	3430.706
[28065]	3408.463	3397.541	3366.653	3206.263	3271.747	3307.761	3311.414	3219.565
[28073]	3287.600	3284.124	3230.701	3246.847	3296.525	3298.226	3379.659	3304.348
[28081]	3301.103	3199.814	3240.058	3120.223	3352.868	3153.438	3302.102	3341.549

[28089]	3132.598	3269.211	3238.631	3333.213	3310.785	3295.105	3120.321	3312.584
[28097]	3103.299	3399.494	3318.344	3321.190	3471.888	3374.918	3391.258	3138.913
[28105]	3400.191	3075.828	3202.930	3330.103	3115.145	3129.825	3356.752	3174.899
[28113]	3255.278	3171.378	3275.774	3141.691	3038.110	3305.704	3201.535	3223.760
[28121]	3151.343	3372.994	3237.120	3290.562	3195.896	3237.523	3242.645	3242.383
[28129]	3536.822	3140.054	3212.575	3370.400	3163.059	3145.028	3071.948	3315.026
[28137]	3363.041	3235.159	3345.262	3275.508	3158.616	3407.489	3056.073	3223.855
[28145]	3239.333	3300.676	3206.488	3342.493	3358.847	3150.203	3344.075	3149.763
[28153]	3195.649	3142.512	3219.003	3276.350	3189.287	3243.083	3278.695	3234.346
[28161]	3073.463	3478.187	3485.138	3165.262	3124.447	3028.640	3036.803	3490.101
[28169]	3346.137	3017.224	3333.659	3347.524	3415.073	3141.120	3349.987	3189.094
[28177]	3231.575	2973.826	3179.357	3308.811	3149.482	3399.359	3434.292	3139.706
[28185]	3239.397	3412.394	3427.199	3301.526	3344.858	3363.824	3350.353	3369.937
[28193]	3382.522	3405.632	3149.545	3088.309	3379.511	3050.981	3109.485	3445.345
[28201]	3067.196	3494.729	3083.595	3347.879	3192.151	3175.330	3261.320	3519.449
[28209]	3022.498	3094.632	2999.669	3245.756	3327.763	3379.407	3313.561	3166.216
[28217]	3339.913	3363.762	3208.225	3299.434	3318.056	3378.101	3270.263	3341.621
[28225]	3315.929	3198.753	3284.077	3280.816	3335.135	3223.708	3288.725	3152.000
[28233]	3466.583	3407.641	3328.635	3474.752	3018.055	3483.554	3201.927	3192.394
[28241]	3217.657	3373.971	3168.866	3312.417	3309.166	3358.861	3159.944	3317.678
[28249]	3218.230	3225.676	3092.477	3141.973	3201.240	3311.580	3252.464	3297.129
[28257]	3223.863	3258.719	3129.582	3384.986	3525.286	3023.982	3055.716	3383.095
[28265]	3467.159	3334.235	3247.727	3271.365	3312.961	3181.189	3149.208	3038.325
[28273]	3695.535	3350.621	3385.292	3174.790	3209.271	3215.152	3336.212	3176.187
[28281]	3354.533	3310.852	3344.522	3251.241	3302.239	3183.209	3150.252	3176.704
[28289]	3299.865	3544.609	3217.994	3369.670	3150.791	3418.970	3139.523	3150.998
[28297]	3184.525	3199.426	3273.017	3352.872	3161.347	3131.962	3189.774	3362.101
[28305]	3438.567	3093.682	3073.562	3461.095	3305.041	3196.429	3184.436	3148.668
[28313]	3369.196	3334.670	3190.061	3337.623	3172.014	3318.513	3324.913	3221.947
[28321]	3480.196	3223.073	3249.956	3331.033	3269.292	3251.507	3405.991	3207.869
[28329]	3214.099	3376.360	3305.197	3248.302	3177.623	3266.135	3180.012	3358.193
[28337]	3186.857	3353.910	3316.938	3186.034	3323.004	3443.347	3471.364	3202.650
[28345]	3256.383	3083.765	3447.928	3142.254	3141.933	3309.561	3424.025	2966.553
[28353]	3311.149	3238.312	3302.202	3130.681	3433.459	3097.668	3385.389	3542.346
[28361]	3171.101	3274.647	3282.882	3292.500	3279.857	3232.266	3243.390	3294.466
[28369]	3270.295	3389.856	3101.225	3651.812	2899.317	3599.572	3344.560	3249.640
[28377]	3177.429	3276.418	3289.506	2952.626	3380.103	3174.189	3350.927	3328.481
[28385]	3257.175	3097.418	3428.939	3442.518	3236.395	3259.555	3214.273	3246.060
[28393]	3242.742	3447.106	3359.846	3334.196	3190.224	3395.556	3149.570	3221.076
[28401]	3476.688	3216.594	3227.644	3293.135	3278.132	3185.212	3287.052	3305.705
[28409]	3211.976	3265.362	3241.973	3168.851	3343.363	3291.752	3222.725	3310.201
[28417]	3308.447	3339.336	3221.645	3209.787	3234.717	3172.405	2961.523	3087.390
[28425]	3264.626	3284.266	3219.610	3205.367	3296.171	3426.373	3322.547	3136.852

[28433]	3398.531	3172.421	3322.396	3432.564	3094.402	3253.596	3367.573	3133.718
[28441]	3356.873	3200.410	3049.802	3287.322	3264.020	3343.641	3105.588	3453.658
[28449]	3175.883	3273.352	3276.384	3165.620	3168.421	3184.426	3211.751	3339.251
[28457]	3069.663	3456.195	2961.650	3566.234	3357.173	3185.480	3238.338	3286.007
[28465]	3268.410	3253.997	3313.362	3342.350	3179.122	3389.495	3240.230	3199.687
[28473]	3254.957	3310.149	3343.082	3112.925	3191.797	3133.475	3245.093	3304.317
[28481]	3411.587	3112.834	3583.864	3215.889	3226.957	3273.039	3175.104	3193.439
[28489]	3359.476	3322.848	3254.560	3283.848	3286.678	3285.856	3177.935	3162.862
[28497]	3293.880	3274.606	3184.825	3248.349	3225.247	3310.569	3160.516	3360.567
[28505]	3271.977	3395.533	3395.222	3114.583	3151.075	3269.813	3263.635	3230.260
[28513]	3262.068	3122.227	3154.729	3437.712	3128.150	3258.674	3208.490	3291.103
[28521]	3008.578	3169.604	3405.071	3275.898	3293.837	3117.592	3225.673	3253.573
[28529]	3278.120	3153.050	3409.523	3188.019	3134.990	3180.950	3342.296	3244.516
[28537]	3277.015	3228.550	3120.429	3100.974	3399.740	3164.748	3396.098	3302.760
[28545]	3206.061	3341.077	3250.331	3322.449	3316.968	3306.198	3106.915	3381.834
[28553]	3082.050	3432.447	3377.245	3384.856	3318.910	3258.997	3243.226	3071.607
[28561]	3210.259	3068.463	3006.957	3314.034	3260.779	3222.648	3113.959	3414.570
[28569]	3256.267	3290.111	3246.615	3297.358	3258.265	3232.766	3257.208	3264.850
[28577]	3235.547	3234.269	3299.225	3257.556	3115.820	3079.051	3321.191	3440.646
[28585]	3047.413	3452.551	3380.110	3364.391	3296.718	3455.587	3437.821	3375.006
[28593]	3310.682	3149.903	3441.465	3131.831	3129.577	3067.235	3302.489	3243.261
[28601]	3301.058	3065.021	3303.439	3124.332	3145.405	3378.985	3177.826	3563.948
[28609]	3492.108	3116.845	3346.407	3447.685	3058.474	2993.461	3395.833	3139.419
[28617]	3402.856	3345.864	3162.359	3227.658	3297.187	3266.611	3013.792	3379.159
[28625]	3138.881	3146.005	3276.012	3324.002	3207.428	3470.695	3063.259	3231.472
[28633]	3440.158	3401.452	3426.263	3099.699	3397.509	3407.346	3300.352	3390.418
[28641]	3413.411	3140.754	3370.649	3236.518	3275.042	3213.190	3173.831	3387.774
[28649]	3159.072	3545.488	3157.207	3152.840	3328.423	3242.238	3313.844	3217.001
[28657]	3266.136	3277.956	3326.872	3199.130	3344.869	3109.007	2941.141	3126.411
[28665]	3047.399	3333.541	3364.220	3273.907	3311.607	3002.178	3424.109	3406.300
[28673]	3316.608	3268.659	3232.992	3316.823	3217.639	3287.497	3317.340	3247.356
[28681]	3320.019	3209.371	3257.960	3080.164	3066.362	3139.478	3180.781	3234.602
[28689]	3327.646	3064.607	3179.661	3353.151	3347.596	3187.366	3617.666	2966.511
[28697]	2952.439	3467.468	3450.336	3217.413	3237.173	3429.124	3083.510	3326.442
[28705]	3368.959	3463.950	3062.228	3325.673	3318.274	3265.541	3287.991	3241.674
[28713]	3340.630	3142.929	3034.714	3104.942	3414.197	3342.745	3428.106	3375.282
[28721]	3126.369	3293.220	3249.622	3138.594	3359.477	3356.626	3346.141	3183.313
[28729]	3448.087	3363.515	3122.348	3239.485	3235.226	3298.444	3348.388	3159.714
[28737]	3253.285	3169.032	3357.659	3352.625	3377.983	3344.446	3222.798	3319.261
[28745]	3186.625	3314.857	3208.516	3092.770	3378.025	3259.638	3181.194	3174.752
[28753]	3187.747	3304.623	3338.829	3207.851	3270.225	3334.697	3157.048	3157.048
[28761]	3348.523	3146.330	3167.713	3355.767	3380.038	3155.877	3330.313	3393.288
[28769]	3552.097	3094.707	3281.889	3177.178	3073.401	3384.028	3460.887	3032.881



[28777]	2954.237	3443.117	3456.746	3335.613	3441.355	3079.194	3142.525	3189.371
[28785]	3191.321	3287.711	3134.753	3394.752	3177.213	3407.844	3156.275	3386.778
[28793]	3671.609	3483.333	3508.611	3329.641	3055.013	3210.055	3431.979	3285.343
[28801]	3313.906	3185.242	3295.198	3075.215	3449.689	3299.887	3248.508	3302.918
[28809]	3242.630	3227.247	3248.156	3249.129	3406.993	3133.578	3413.022	3143.380
[28817]	3232.879	3198.204	3301.938	3193.760	3284.659	3287.064	3120.775	3250.766
[28825]	3340.147	3118.409	3222.302	3281.496	3413.766	3300.807	3219.239	3095.447
[28833]	3020.305	3467.344	3178.191	3183.739	3416.187	3214.584	3121.714	3235.966
[28841]	3404.866	3244.778	3225.790	3241.437	3287.742	3201.941	3276.328	3307.068
[28849]	3137.340	3238.512	3280.203	3269.960	3353.134	3178.114	3347.896	3343.043
[28857]	3257.801	3129.090	3396.909	3187.248	3210.810	3272.207	3251.711	3291.409
[28865]	3276.527	3150.003	3048.363	2959.201	3501.395	3329.828	3304.979	3355.086
[28873]	3135.218	3222.109	3264.823	3153.528	3218.253	3171.163	3290.049	3210.770
[28881]	3309.988	3387.170	3202.104	3365.204	3334.600	3167.410	3411.770	3420.335
[28889]	3488.221	3130.350	3090.464	3436.558	3279.454	3345.885	3155.187	3142.808
[28897]	3257.019	3134.205	3189.498	3328.489	3382.559	2996.036	3107.162	3425.875
[28905]	3181.698	3143.170	3313.694	3280.202	3228.835	3269.566	3240.898	3265.769
[28913]	3219.030	3280.610	3226.278	3378.710	3241.212	3237.574	3203.188	3012.209
[28921]	3052.955	3322.832	3138.869	3258.214	3216.772	3227.091	3185.663	3151.669
[28929]	3355.079	3234.789	3352.765	3201.755	3294.579	3317.826	3287.659	3406.742
[28937]	3242.229	3202.834	3235.090	3174.228	3523.029	3520.989	3373.574	3435.205
[28945]	3205.764	3171.141	3313.591	3209.754	3409.774	3443.380	3152.789	3024.487
[28953]	3447.062	3187.104	3302.051	3411.116	3386.171	3336.159	3154.489	3170.430
[28961]	3374.555	3098.257	3404.169	3474.484	3532.444	3338.367	3095.255	3197.063
[28969]	3413.519	3530.910	2968.055	3071.275	3469.691	3273.451	3353.899	3207.347
[28977]	3239.361	3276.612	3237.261	3259.406	3168.440	3341.307	3031.005	3168.275
[28985]	3158.016	3350.869	3203.606	3471.793	3052.900	3479.228	3493.073	3162.730
[28993]	3206.773	3342.821	3324.741	3237.366	3250.699	3250.158	3077.410	3142.942
[29001]	3142.798	3417.391	3436.906	3089.129	3086.692	3227.914	3266.507	3272.507
[29009]	3339.627	3248.963	3136.957	3230.274	3180.779	3306.066	3335.511	3502.622
[29017]	3507.198	3418.893	3109.604	3245.108	3471.142	3314.602	3147.602	3116.597
[29025]	3536.777	3205.935	3425.298	3169.280	3284.722	3213.465	3391.878	3272.247
[29033]	3134.255	3387.578	3183.690	3304.971	3335.974	3239.276	3216.483	3204.029
[29041]	3227.898	3222.796	3218.170	3230.850	3177.690	3218.254	3413.424	3163.422
[29049]	3416.811	3296.104	3347.996	3222.089	3188.027	3113.869	3365.797	3508.371
[29057]	3259.969	3131.211	3279.902	3218.901	3191.583	3331.761	3163.477	3519.522
[29065]	3482.897	3406.776	3171.364	3267.626	3188.511	3349.261	3166.416	3411.770
[29073]	3361.961	3158.065	3181.616	3337.093	3292.475	3153.172	3132.837	3188.460
[29081]	3178.830	3191.154	3201.497	3381.250	3296.061	3307.432	3194.581	3374.938
[29089]	3222.839	3258.055	3285.826	3154.890	3210.231	3364.037	3163.339	3335.167
[29097]	3159.184	3171.152	3356.415	3433.143	3174.888	3290.342	3337.152	3322.422
[29105]	3193.858	3190.682	3437.631	3066.897	3411.929	3327.251	3104.548	3437.936
[29113]	3111.595	3355.920	3433.250	3154.258	3135.308	3343.061	3172.008	3374.366

[29121]	3302.921	3274.766	3332.173	3214.920	3340.628	3172.790	3217.493	3180.845
[29129]	3251.698	3320.563	3247.479	3237.517	3326.049	3212.948	3291.337	3254.017
[29137]	3310.907	3040.490	3453.837	3506.918	3281.803	3366.843	3261.242	3217.067
[29145]	3173.538	3231.367	3225.049	3237.205	3521.388	3065.539	3329.419	3318.061
[29153]	3066.097	3481.825	3134.042	3427.377	3402.958	3117.088	3392.255	3278.722
[29161]	3201.143	3105.158	3156.086	3148.072	3369.899	3106.884	3221.161	3218.764
[29169]	3184.367	3241.133	3302.221	3314.207	3215.627	3175.428	3118.201	3096.899
[29177]	3428.839	3414.750	3301.122	3252.644	3237.789	3321.119	3220.698	3340.299
[29185]	3138.011	3181.532	3304.743	3458.121	3015.302	3060.278	3153.726	3199.811
[29193]	3201.657	3207.200	3338.128	3379.327	3117.899	3450.314	3057.393	3033.051
[29201]	3194.764	3450.409	3122.201	3398.172	3258.397	3215.798	3312.912	3462.769
[29209]	3213.640	3341.984	3210.304	3174.129	3347.743	3266.104	3296.098	3269.463
[29217]	3466.239	3401.452	3199.682	3401.704	2992.298	2993.122	3052.694	3049.105
[29225]	3299.636	3433.947	3397.891	3438.556	3310.470	3328.121	3217.927	3270.625
[29233]	3303.917	3330.724	3193.173	3163.959	3360.751	3275.373	3517.392	3508.171
[29241]	3070.052	3422.984	3130.390	3397.684	3253.522	3220.569	3208.322	3210.063
[29249]	3390.426	3362.112	3229.020	3222.168	3408.217	3326.094	3360.098	3187.544
[29257]	3357.151	3370.955	3177.633	3192.384	3317.498	3402.999	3203.977	3169.630
[29265]	3305.918	3253.630	3260.841	3147.247	3394.590	3167.257	3244.057	3171.526
[29273]	3286.706	3160.515	3162.226	3253.877	3343.838	3294.479	3332.505	3303.085
[29281]	3258.182	3201.212	3229.416	3257.783	3277.465	3190.696	3184.833	3055.999
[29289]	3054.228	3065.049	3444.293	3305.089	3384.782	3189.044	3211.504	3173.703
[29297]	3208.656	3242.223	3266.663	3258.219	3252.017	3125.168	3166.203	3314.651
[29305]	3203.650	3177.110	3213.577	3233.500	3202.833	3296.664	3279.380	3186.689
[29313]	3383.357	3153.368	3172.184	3122.756	3422.138	3322.685	3252.601	3288.806
[29321]	3227.147	3529.906	3333.839	3198.967	3197.243	3176.599	3197.805	3328.555
[29329]	3435.387	3428.716	3240.931	3200.919	3280.058	3206.120	3326.310	3155.706
[29337]	3357.577	3159.806	3160.856	3128.928	3217.200	3444.410	2979.893	3471.063
[29345]	3402.407	3320.455	3281.447	3355.815	3252.248	3069.036	3452.907	3311.283
[29353]	3307.585	3244.862	3343.034	3213.153	3352.385	3316.428	3224.345	3146.738
[29361]	3116.779	3216.510	3294.214	3560.459	3459.238	3442.327	3316.096	3266.008
[29369]	3270.331	3334.850	3161.221	3373.048	3252.023	3279.006	3296.991	3225.471
[29377]	3358.716	3258.342	3415.590	3327.158	3206.389	3140.493	3348.079	3262.506
[29385]	3240.350	3237.438	3445.014	3139.182	3208.518	3337.629	3338.186	3150.808
[29393]	3389.367	3193.058	3214.203	3334.945	3272.009	3583.592	3261.469	3285.652
[29401]	3177.958	3325.215	3132.209	3390.283	3148.481	3208.452	3139.361	3390.537
[29409]	3152.796	3128.729	3198.793	3279.310	3191.769	3163.653	3145.279	3153.398
[29417]	3127.110	3296.836	3313.096	3243.719	3231.849	3264.709	3244.750	3240.308
[29425]	3261.571	3317.133	3221.978	3242.386	3133.495	3329.634	3185.426	3240.820
[29433]	3359.248	3128.894	3146.026	3088.970	3216.767	3103.844	3219.176	3339.399
[29441]	3182.061	3234.487	3239.195	3286.477	3344.804	3259.869	3401.324	3294.195
[29449]	3186.210	3283.610	3345.153	3259.395	3279.824	3342.110	3275.418	3382.733
[29457]	3432.658	3303.056	3068.216	3057.728	3459.834	3347.852	3319.405	3228.348

[29465]	3248.269	3270.529	3269.192	3161.646	3158.062	3128.401	3312.757	3199.144
[29473]	3220.895	3262.080	3234.871	3224.336	3509.558	3027.823	3511.644	3045.369
[29481]	3341.309	3319.174	3192.422	3120.192	3182.552	3277.008	3281.468	3290.620
[29489]	3275.137	3194.067	3181.851	3335.197	3190.059	3310.924	3311.196	3193.212
[29497]	3217.458	3257.161	3256.331	3260.900	3262.414	3060.682	3319.837	3156.695
[29505]	3391.231	3350.394	3304.562	3306.709	3307.183	3203.244	3223.973	3234.633
[29513]	3168.548	3345.280	3127.146	3119.334	3367.913	3296.697	3293.894	3362.873
[29521]	3282.644	3391.170	3416.911	3093.971	3332.741	3341.687	3205.479	3325.677
[29529]	3161.774	3318.591	3275.835	3269.366	3242.615	3292.768	3280.232	3328.944
[29537]	3226.507	3479.380	3267.796	3149.843	3339.326	3347.040	3175.020	3363.306
[29545]	3365.843	3163.706	3161.726	3246.391	3104.771	3035.299	3086.647	3216.780
[29553]	3108.541	3352.403	3095.957	3099.328	3301.075	3404.944	3201.018	3278.821
[29561]	3362.433	3375.399	3610.065	3084.234	3225.532	3313.243	3110.544	3397.774
[29569]	3352.200	3268.683	3206.593	3112.235	3228.254	3164.939	3257.086	3225.064
[29577]	3342.891	3296.511	3197.361	3042.911	3185.804	3285.107	3247.424	3316.339
[29585]	3376.920	3423.411	3423.782	3308.176	3287.666	3293.191	3318.812	3217.900
[29593]	3348.740	3183.753	3122.490	3212.835	3262.648	3396.283	3492.760	3458.142
[29601]	3456.375	3348.450	3269.245	3323.752	3261.155	3267.071	3216.311	3167.398
[29609]	3112.091	3221.216	3312.526	3191.044	3429.173	3335.853	3204.135	3314.116
[29617]	3221.823	3292.038	3136.894	3346.206	3388.744	3244.882	3335.894	3389.443
[29625]	3201.890	3097.287	3256.962	3339.203	3180.767	3347.291	3246.600	3022.060
[29633]	3292.251	3102.270	3370.145	3293.968	3212.816	3384.764	3277.818	3296.318
[29641]	3314.444	3338.680	3415.964	3421.021	3481.464	3041.343	3198.762	3250.766
[29649]	3212.171	3218.283	3411.314	3106.604	3435.120	3284.624	3159.272	3292.596
[29657]	3224.246	3204.439	3231.918	3254.563	3198.742	3330.546	3198.272	3085.557
[29665]	3415.889	3226.925	3126.462	3431.791	3070.071	3108.869	3116.537	3460.310
[29673]	3354.488	3175.168	3387.889	3469.507	3120.432	3263.690	3204.946	3151.860
[29681]	3312.605	3404.768	3185.891	3307.248	3421.878	3149.388	3408.755	3284.321
[29689]	3274.285	3123.178	3057.020	3223.751	3210.322	3194.137	3319.667	3097.481
[29697]	3111.229	3404.602	3275.531	3284.343	3257.391	3236.219	3225.234	3231.530
[29705]	3364.730	3238.528	3320.734	3318.516	3330.595	3199.148	3285.815	3544.418
[29713]	3479.557	3399.900	3411.175	3163.221	3317.553	3253.638	3282.328	3179.948
[29721]	3348.113	3320.149	3297.535	3196.501	3197.886	3231.147	3299.788	3396.607
[29729]	3208.896	3393.150	3327.921	3182.825	3077.577	3116.799	3409.232	3118.310
[29737]	3084.872	3260.451	3265.444	3131.232	3412.905	3124.122	3272.391	3330.786
[29745]	3306.788	3354.021	3320.421	3287.972	3349.131	3297.033	3289.358	3455.606
[29753]	3169.529	3238.783	3311.930	3265.411	3318.730	3286.139	3288.510	3213.958
[29761]	3250.227	3472.661	3309.680	3301.088	3230.816	3420.104	3157.386	3316.726
[29769]	3164.846	3242.324	3365.254	3101.066	3119.799	3102.994	3224.032	3219.761
[29777]	3214.543	3465.337	3310.292	3151.037	3332.379	3213.003	3286.725	3308.523
[29785]	3384.215	3150.927	3168.217	3189.522	3147.920	3373.376	3114.794	3360.480
[29793]	3323.784	3320.345	3181.445	3151.321	3145.288	3112.076	3375.787	3234.254
[29801]	3210.801	3308.797	3206.635	3199.789	3217.007	3306.410	3319.045	3241.136

[29809]	3238.691	3315.550	3265.123	3304.696	3278.121	3268.144	3206.289	3292.883
[29817]	3213.844	3279.231	3349.365	3141.690	3425.091	3363.468	3181.936	3332.307
[29825]	3331.149	3170.413	3148.611	3389.118	2965.137	3317.253	3355.700	3231.803
[29833]	3365.464	3352.675	3148.061	3264.683	3180.691	3274.901	3426.872	3267.815
[29841]	3267.537	3378.791	3088.006	3355.707	3116.643	3221.023	3220.392	3341.403
[29849]	3212.123	3089.804	3135.474	3265.484	3347.368	3340.553	3165.624	3196.581
[29857]	3315.596	2969.364	3118.672	3155.033	3365.268	3357.591	3411.465	3232.485
[29865]	3244.832	3243.552	3277.457	3198.696	2935.390	3105.514	3343.456	3123.763
[29873]	3527.221	3474.518	3078.280	3430.350	3121.049	3193.011	3309.971	3382.882
[29881]	3483.214	3486.668	3038.232	2971.061	3286.242	3285.394	3291.589	3322.532
[29889]	3208.284	3286.125	3337.458	3098.065	3127.740	3366.065	3184.750	3149.334
[29897]	3213.650	3269.370	3212.463	3087.448	3351.069	3149.078	3340.003	3115.751
[29905]	3345.749	3124.870	3298.538	3187.438	3166.567	3319.777	3298.015	3432.459
[29913]	3377.693	3390.893	3201.967	3291.545	3227.265	3156.291	3396.323	3191.996
[29921]	3371.965	3353.933	3304.894	3387.630	3253.894	3209.270	3303.260	3182.523
[29929]	3359.399	3049.952	3376.223	3150.270	3392.476	3050.868	3269.628	3344.669
[29937]	3228.301	3322.789	3131.837	3084.764	3110.891	3269.512	3313.232	3230.834
[29945]	3272.134	3340.631	3209.764	3212.192	3239.437	3327.604	3462.937	3500.230
[29953]	2920.526	2999.221	2984.615	3202.257	3188.745	3159.251	3241.847	3090.060
[29961]	3431.148	3498.113	3207.876	3287.503	3234.917	3275.912	3198.722	3298.767
[29969]	3220.990	3290.721	3432.915	3365.632	3210.541	3227.839	3144.094	3326.236
[29977]	3362.239	3338.690	3338.690	3352.857	3259.584	3256.876	3256.788	3193.255
[29985]	3494.706	3360.945	3279.214	3286.624	3364.422	3340.085	3281.724	3329.263
[29993]	3214.565	3246.077	3229.047	3116.445	3196.561	3302.600	3218.462	3382.701
[30001]	3338.125	3133.570	3156.803	3123.429	3191.625	3343.607	3145.915	3007.771
[30009]	3335.521	3368.477	3289.404	3140.644	3392.264	3368.130	3171.565	3244.214
[30017]	3348.881	3301.649	3166.589	3181.267	3294.082	3444.035	3131.401	3255.462
[30025]	3466.229	3304.763	3338.622	3384.100	3134.939	3074.323	3308.945	3179.483
[30033]	3255.591	3250.766	3310.600	3322.755	3346.527	3164.649	3221.572	3042.602
[30041]	3461.161	3340.497	3119.754	3359.943	3197.685	3201.190	3362.184	3266.183
[30049]	3222.898	3246.634	3434.566	3069.947	3251.171	3096.556	3071.946	3279.196
[30057]	3286.101	3286.677	3105.040	3485.586	3063.094	3400.376	3085.168	3204.365
[30065]	3185.285	3314.488	3222.409	3193.496	3230.499	3267.609	3137.334	3168.626
[30073]	3403.086	3257.338	3295.946	3184.623	3090.800	3133.433	3323.587	3381.304
[30081]	3314.611	3222.723	3395.557	3440.670	3279.641	3301.679	3187.224	3200.142
[30089]	3284.513	3317.848	3217.116	3079.903	3193.667	3304.272	3401.838	3431.528
[30097]	3112.245	3194.690	3219.246	3187.389	3277.258	3255.677	3402.783	3231.978
[30105]	3230.810	3173.894	3451.279	3275.788	3302.322	3201.389	3360.704	3364.719
[30113]	3412.299	3152.789	3174.259	3315.817	3077.788	3449.555	3425.271	3056.980
[30121]	3311.482	3082.574	3426.921	3263.685	3255.109	3297.697	3386.303	3438.723
[30129]	3488.035	3157.796	3171.095	3125.322	3271.998	3375.416	3288.897	3207.376
[30137]	3217.675	3280.876	3305.204	3277.522	3286.083	3326.087	3328.546	3213.200
[30145]	3162.278	3235.711	3188.967	3352.101	3465.475	3147.155	3381.560	3430.624

[30153]	3408.166	3145.917	3408.900	3250.784	3390.201	3151.593	3363.387	3179.962
[30161]	3366.227	3182.330	3333.706	3272.000	3420.257	3092.486	3224.880	3308.356
[30169]	3257.378	3341.289	3280.408	3284.581	3268.369	3392.368	3393.940	3100.831
[30177]	3342.842	3140.544	3370.178	3206.067	3282.754	3433.769	3265.967	3245.780
[30185]	3303.445	3336.763	3345.590	2995.005	2989.865	3480.326	3405.000	3472.732
[30193]	3187.341	3278.469	3204.507	3420.385	3097.474	3378.885	3314.448	3129.555
[30201]	3435.283	3319.368	3168.862	3411.001	3286.298	3210.317	3319.698	3454.632
[30209]	3351.366	3231.350	3206.266	3319.239	3284.611	3047.449	3433.974	3342.013
[30217]	3349.706	3380.504	3159.705	3380.791	3094.674	3235.296	3218.877	3128.349
[30225]	3188.454	3286.600	3267.966	3374.070	3173.153	3203.701	3339.697	3176.821
[30233]	3272.737	3264.404	3184.208	3194.722	3341.434	3162.748	3466.479	3028.941
[30241]	3112.741	3291.103	3216.409	3135.848	3141.204	3315.544	3202.553	3344.833
[30249]	3279.154	3218.555	3354.318	3145.812	3165.518	3249.110	3188.558	3331.115
[30257]	3296.189	3196.851	3166.726	3384.005	3125.759	3320.518	3237.665	3232.415
[30265]	3216.703	3226.460	3384.783	3185.122	3034.079	3170.806	3390.702	3128.345
[30273]	3237.778	3151.622	3212.177	3074.477	3391.610	3234.205	3268.327	3180.359
[30281]	3257.792	3187.730	3305.131	3108.976	3245.840	3331.298	3086.077	3550.557
[30289]	3364.426	3177.404	3382.703	3388.633	3376.628	3352.066	3325.547	3206.100
[30297]	3230.871	3346.502	3189.126	3068.474	3468.280	3273.436	3338.012	3428.108
[30305]	3177.684	3090.703	3313.490	3262.273	3154.648	3354.489	3235.268	3291.080
[30313]	3142.768	3352.633	3242.126	3264.952	3508.611	3481.382	3410.148	3411.754
[30321]	3190.908	3277.265	3239.443	3229.010	3262.887	3289.918	3290.436	3185.462
[30329]	3150.948	3409.148	3066.233	3097.981	3432.188	3347.916	3241.154	3138.034
[30337]	3176.021	3222.451	3231.758	3196.883	3345.278	3225.466	3192.994	3271.571
[30345]	3167.946	3189.877	3382.889	3362.283	3171.927	3267.470	3262.896	3247.013
[30353]	3264.151	3186.872	3191.261	3145.187	3302.376	3209.142	3393.258	3169.583
[30361]	3473.508	3310.363	3302.652	3280.811	3372.693	3383.621	3217.603	3385.798
[30369]	2985.587	3421.699	3337.937	3337.719	3363.120	3235.038	3248.520	3326.960
[30377]	3315.411	3154.402	3104.555	3359.821	3342.828	3176.968	3480.874	3324.608
[30385]	3383.710	3256.395	3360.211	3079.724	3309.572	3216.901	3368.527	3271.556
[30393]	3267.996	3279.429	3223.098	3246.820	3198.234	3213.546	3243.042	3192.442
[30401]	3136.880	3342.715	3308.464	3243.491	3168.534	3248.724	3245.778	3148.091
[30409]	3299.035	3141.072	3398.651	3495.436	3483.902	2878.322	2891.868	3210.721
[30417]	3266.791	3330.306	3292.476	3270.919	3254.364	3164.922	3376.671	3359.250
[30425]	3172.681	3288.332	3304.947	3205.056	3328.234	3384.562	3234.826	3227.567
[30433]	3233.473	3211.542	3204.192	3215.537	3303.675	3387.385	3373.962	3149.888
[30441]	3192.493	3315.993	3117.689	3392.976	3383.833	3094.690	3335.418	3376.178
[30449]	3418.140	3422.865	3142.925	3203.359	3173.976	3163.590	3125.292	3078.401
[30457]	3240.974	3292.809	3283.246	3300.755	3265.850	3329.343	3403.309	3263.317
[30465]	3255.622	3200.893	3208.810	3254.174	3243.747	3319.368	3315.734	3260.232
[30473]	3251.911	3253.828	3293.049	3139.442	3345.033	3172.212	3332.396	3264.340
[30481]	3313.530	3230.752	3296.267	3210.541	3198.124	3191.477	3338.552	3214.085
[30489]	3181.390	3155.013	3146.929	3294.627	3200.808	3388.362	3205.486	3145.079

[30497]	3410.809	3118.184	3452.664	3183.933	3331.235	3276.049	3309.408	3342.866
[30505]	3177.288	3329.663	3173.893	3201.275	3279.734	3217.865	3231.746	3037.540
[30513]	3534.112	3493.030	3066.048	3482.683	3216.554	3065.906	3347.746	3215.098
[30521]	3234.317	3276.734	3243.093	3268.956	3148.181	3397.740	3123.052	3152.601
[30529]	3334.109	3195.022	3365.900	3096.973	3384.855	3105.997	3461.895	3388.437
[30537]	3409.604	3106.014	3154.680	3365.858	3298.985	3391.741	3534.535	3191.622
[30545]	3257.380	3211.547	3295.809	3264.322	3280.533	3281.214	3286.254	3282.482
[30553]	3133.689	3081.529	2930.306	3368.356	3196.408	3300.944	3049.776	3460.313
[30561]	3086.138	3340.412	3194.404	3059.173	2841.885	3289.732	3188.368	3379.572
[30569]	3342.430	3164.054	3286.899	3170.852	3275.109	3084.823	3424.155	3285.623
[30577]	3280.918	3244.058	3184.567	3295.696	3238.876	3312.548	3454.532	3397.736
[30585]	3310.706	3197.128	3403.308	3379.887	3148.754	3343.137	3271.388	3374.215
[30593]	3481.531	3428.254	3494.546	3439.616	3094.505	3190.002	3294.903	3174.330
[30601]	3232.096	3365.710	3325.665	3089.825	3384.402	3213.045	3323.258	3413.258
[30609]	3376.202	3196.347	3252.823	3158.427	3390.432	3141.984	3233.463	3287.339
[30617]	3272.084	3239.961	3368.449	3233.350	3172.316	3345.480	3162.924	3236.979
[30625]	3191.278	3307.987	3252.954	3254.565	3423.590	3110.390	3415.876	3502.469
[30633]	3024.615	3376.911	3280.462	3264.930	3321.972	3179.754	3324.869	3141.893
[30641]	3428.791	3363.917	3116.971	3228.423	3218.806	3272.743	3244.579	3290.172
[30649]	3343.646	3237.243	3326.769	3137.669	3161.685	3177.764	3234.474	3288.360
[30657]	3257.078	3291.384	3300.813	3267.941	3290.457	3252.011	3314.292	3147.242
[30665]	3214.285	3385.316	3422.436	3083.048	3079.129	3292.492	3171.133	3211.721
[30673]	3279.325	3397.580	3470.530	3397.809	3438.656	3358.518	3238.363	3279.569
[30681]	3235.879	3291.285	3245.033	3231.161	3245.355	3149.098	3240.419	3159.511
[30689]	3457.161	3131.409	3358.870	3100.978	2941.995	3200.599	3245.607	3223.190
[30697]	3326.112	3239.173	3407.918	3105.939	3180.778	3362.012	3140.564	3153.321
[30705]	3372.350	3148.947	3346.344	3240.981	3126.788	3305.315	3236.733	3230.584
[30713]	3067.865	3109.215	3362.105	3151.519	3215.154	3229.610	3102.050	3405.391
[30721]	3204.565	3244.702	3290.319	3171.868	3300.414	3309.174	3180.076	3374.285
[30729]	3454.648	3117.641	2983.200	3042.709	3377.843	3169.193	3379.793	3452.674
[30737]	3433.130	3092.760	3076.835	3081.886	3451.037	3284.523	3365.298	3215.096
[30745]	3144.816	3284.008	3104.424	3430.188	3638.556	3117.585	3407.594	3281.169
[30753]	3256.864	3296.181	3334.826	3338.434	3204.713	3136.855	3156.795	3445.845
[30761]	3267.648	3587.296	2982.067	3564.465	3507.708	3352.095	3148.677	3392.294
[30769]	3120.107	3560.254	3222.725	3292.369	3228.903	3291.113	3319.540	3162.710
[30777]	3284.485	3403.877	3071.142	3082.277	3232.492	3233.695	3107.591	3124.102
[30785]	3267.279	3265.735	3195.095	3201.150	3315.708	3248.818	3435.735	3408.434
[30793]	3137.349	3331.517	3213.937	3279.920	3242.324	3257.765	3429.394	3347.939
[30801]	3222.747	3239.285	3164.140	3308.800	3213.448	3225.532	3261.380	3280.509
[30809]	3212.745	3289.585	3195.203	3458.830	3165.441	3292.388	3262.697	3202.874
[30817]	3185.780	3352.072	3321.456	3319.503	3338.529	3198.790	3230.378	3063.053
[30825]	3480.679	3457.642	3496.066	3468.241	3047.227	3364.478	3430.530	3382.283
[30833]	3370.650	3199.966	3261.427	3227.389	3337.676	3263.632	3274.137	3135.792

[30841]	3127.168	3272.936	3204.567	3303.442	3382.986	3108.418	3212.009	3396.652
[30849]	3416.698	3090.772	3375.255	3177.168	3170.434	3199.807	3117.222	3184.613
[30857]	3187.903	3285.687	3365.494	3035.532	3467.173	3265.769	3326.964	3187.167
[30865]	3315.021	3237.564	3291.958	3223.281	3165.217	3215.402	3257.631	3121.381
[30873]	3382.085	3251.832	3201.740	3228.115	3387.174	3156.646	3149.064	3213.316
[30881]	3109.965	3241.628	3217.373	3187.236	3329.537	3138.227	3355.397	3195.663
[30889]	3312.710	3452.922	3405.583	3112.385	3104.904	3417.073	3441.750	3014.826
[30897]	2901.530	2757.629	2795.951	2921.459	3601.803	3569.464	3050.378	3352.563
[30905]	3330.887	3205.801	3173.184	3172.421	3275.764	3242.016	3241.631	3254.603
[30913]	3235.694	3101.534	3322.484	3214.386	3099.835	3146.035	3222.130	3234.190
[30921]	3053.894	3475.842	3332.924	3324.478	3259.339	3128.460	3280.524	3357.645
[30929]	3318.194	3133.557	3373.376	3244.314	3238.498	3284.961	3209.607	3248.170
[30937]	3287.419	3156.788	3325.824	3252.583	3375.122	3104.386	3339.793	3190.830
[30945]	3261.034	3265.947	3469.840	3372.650	3345.944	3218.902	3260.195	3273.682
[30953]	3327.050	3121.497	3143.857	3279.076	3196.769	3352.061	3289.991	3316.239
[30961]	3159.072	3283.879	3391.004	3115.100	3098.266	3146.718	3214.702	3253.515
[30969]	3138.039	3342.480	3348.111	3112.297	3061.939	3462.794	3378.647	3149.151
[30977]	3205.568	3291.939	3227.757	3218.196	3204.365	3220.596	3458.354	3239.184
[30985]	3250.463	3250.369	3234.820	3301.159	3203.580	3222.057	3273.976	3070.189
[30993]	3492.147	3372.309	3174.848	3335.770	3285.127	3237.752	3312.885	3160.895
[31001]	3335.472	3401.453	3167.219	3369.199	3162.134	3284.693	3185.748	3254.236
[31009]	3267.649	3309.273	3361.610	3356.599	3425.335	3363.056	3520.540	3500.825
[31017]	3488.776	3330.603	3307.763	3328.312	3401.539	3239.134	3213.109	3281.522
[31025]	3295.735	3270.742	3251.122	3321.010	3266.453	3212.158	3358.848	3131.877
[31033]	3358.691	3264.850	3267.285	3240.709	3232.202	3416.083	3302.102	3210.671
[31041]	3230.283	3246.482	3224.723	3250.684	3316.280	3097.323	3283.565	3193.888
[31049]	3226.942	3231.437	3226.389	3144.203	3122.313	2862.032	2917.302	2986.355
[31057]	3271.581	3218.990	3325.022	3193.105	3358.898	3375.847	3395.071	3213.208
[31065]	3368.373	3328.901	3186.812	3283.959	3257.835	3377.845	3262.655	3285.420
[31073]	3328.622	3202.847	3490.698	3011.078	3152.611	3315.876	3288.868	3205.398
[31081]	3219.438	3264.230	3375.840	3114.959	3084.143	3296.444	3201.445	3119.925
[31089]	3396.516	3366.786	3280.465	3367.856	3151.231	3122.100	3439.788	3310.355
[31097]	3244.206	3306.067	3356.817	3231.060	3201.721	3217.226	3348.771	3156.538
[31105]	3265.476	3267.083	3186.519	3240.294	3172.019	3215.802	3294.559	3391.956
[31113]	3291.533	3319.840	3213.384	3333.990	3243.777	3177.407	3328.659	3181.537
[31121]	3299.921	3190.497	3325.657	3256.033	3224.268	3229.113	3326.980	3434.163
[31129]	3414.505	3146.656	3388.706	3199.717	3137.957	3423.736	3431.786	3092.226
[31137]	3213.649	3271.888	3165.519	3584.484	3350.976	3429.780	3135.591	3227.376
[31145]	3218.023	2977.978	3166.392	3501.805	3189.224	3187.048	3100.436	3100.227
[31153]	3136.168	3331.987	3255.583	3256.109	3248.852	2944.872	3477.159	3608.405
[31161]	3006.427	3083.783	3582.876	2958.843	3030.755	3499.224	3306.397	3261.432
[31169]	3257.137	3285.900	3308.395	3313.382	3235.026	3145.496	3053.444	3266.529
[31177]	3236.294	3218.630	3129.115	3006.510	3267.760	3145.640	3400.262	3103.202

[31185]	3218.802	3187.465	3315.050	3107.259	3193.191	3355.532	3427.303	3032.139
[31193]	3424.370	3099.267	3210.638	3458.548	3218.456	3305.336	3285.824	3231.996
[31201]	3283.364	3437.126	3080.763	3155.919	3160.217	3348.928	3326.222	3364.952
[31209]	3130.273	3379.899	3356.647	2984.062	3174.662	3286.878	3356.575	3381.067
[31217]	3136.896	2986.583	3207.321	3309.767	3331.542	3251.832	3242.950	3228.435
[31225]	3238.011	3215.247	3211.203	3301.177	3279.086	3183.090	3361.819	3326.731
[31233]	3368.797	3442.237	3439.280	3079.452	3186.055	3233.174	3156.378	3068.068
[31241]	3205.005	3166.630	3311.186	3280.548	3262.374	3364.341	3347.810	3250.778
[31249]	3278.338	3327.769	3308.052	3320.330	3274.759	3262.497	3271.130	3254.631
[31257]	3196.018	3132.207	3237.657	3245.690	3254.081	3212.749	3160.193	3270.098
[31265]	3160.489	3191.672	3348.572	3212.951	3242.382	3322.180	3261.198	3267.568
[31273]	3267.568	3231.886	3343.264	3378.857	3197.372	3131.324	3306.129	3278.817
[31281]	3237.885	3170.764	3064.584	3001.320	3123.094	3268.588	3090.811	3246.893
[31289]	3206.963	3203.041	3033.201	3141.913	3340.178	3281.301	3267.113	3318.762
[31297]	3335.070	3213.273	3457.723	3392.087	3314.274	3248.015	3188.978	3261.707
[31305]	3320.423	3190.445	3213.494	3320.658	3377.007	3164.781	3155.065	3395.058
[31313]	3257.445	3221.864	3255.035	3258.556	3246.863	3226.516	3314.997	3190.161
[31321]	3212.174	3344.312	3192.647	3320.121	3258.739	3385.064	3120.482	3332.859
[31329]	3380.474	3150.862	3204.780	3025.000	3462.490	3366.710	3162.212	3365.015
[31337]	3369.276	3415.992	3106.473	3307.131	3337.888	3261.249	3229.566	3232.034
[31345]	3300.235	3327.295	3366.187	3379.410	3328.080	3240.938	3259.525	3237.425
[31353]	3332.122	3097.348	3319.528	3184.220	3260.638	3263.456	3294.951	3249.934
[31361]	3293.827	3291.149	3242.647	3264.176	3023.864	3289.307	3210.138	3261.830
[31369]	3305.217	3182.466	3358.383	3188.446	3308.384	3092.904	3480.326	3173.613
[31377]	3199.387	3246.514	3145.999	3145.999	3360.736	3178.920	3368.492	3300.921
[31385]	3299.969	3283.029	3328.780	3071.638	3224.976	3231.767	3446.769	3164.421
[31393]	3301.980	3249.445	3232.141	3087.201	3457.307	3414.315	3380.945	3386.865
[31401]	3394.963	3159.282	3347.266	3371.381	3172.471	3124.654	3409.994	3215.454
[31409]	3195.091	3361.653	3098.205	3133.201	3281.703	3267.611	3215.308	3359.505
[31417]	3197.301	3175.417	3183.695	3358.973	3369.875	3084.329	3352.439	3357.374
[31425]	3228.061	3320.483	3338.362	3458.771	3144.582	3325.468	3135.274	3426.072
[31433]	3070.270	3402.951	3481.571	3414.302	3147.276	3241.114	3190.964	3371.962
[31441]	3029.127	3255.633	3275.605	3280.350	3348.388	3258.599	3214.387	3226.059
[31449]	3203.012	3321.815	3240.607	3246.400	3298.204	3282.177	3255.283	3393.412
[31457]	3437.626	3266.106	3306.603	3282.758	3321.338	3162.275	3077.882	3255.832
[31465]	3202.954	3215.578	3113.080	3224.094	3370.935	3159.272	3196.433	3292.812
[31473]	3313.303	3250.503	3016.821	3391.812	3364.439	3315.774	3306.968	3270.368
[31481]	3105.539	3147.305	3357.990	3199.104	3312.308	3180.997	3421.290	3239.603
[31489]	3280.845	3159.187	3376.735	3247.480	3280.042	3139.393	3308.117	3138.559
[31497]	3241.472	3308.506	3134.551	3344.058	3342.731	3517.661	3486.366	3447.540
[31505]	3472.095	3440.292	3200.406	3327.259	3185.562	3221.458	3287.203	3192.388
[31513]	3192.811	3262.134	3152.220	3111.159	3428.800	3153.335	3350.632	3056.943
[31521]	3576.875	3617.831	3160.603	3385.535	3183.415	3389.812	3179.007	3305.502



[31529]	3046.670	3157.668	3470.486	3138.784	3385.883	3424.728	3169.544	3130.347
[31537]	3317.783	3271.537	3253.784	3328.650	3164.502	3217.987	3312.273	3427.090
[31545]	3110.395	3455.571	3465.317	3069.927	2995.385	3175.669	3242.598	3074.796
[31553]	3289.600	3314.356	3402.502	3335.525	3357.091	3114.308	3388.144	3348.981
[31561]	3277.580	3245.401	3260.263	3150.367	3317.598	3111.577	3138.489	3247.711
[31569]	3309.753	3289.814	3226.818	3347.396	3084.128	3231.439	3173.344	3055.890
[31577]	3463.689	3289.677	3191.678	3437.711	3227.877	3385.281	3163.565	3240.303
[31585]	3122.348	3227.823	3305.048	3448.564	3048.667	3390.832	3188.379	3190.450
[31593]	3332.887	3200.940	3317.740	3142.202	3430.881	3127.971	3283.040	3193.900
[31601]	3289.290	3239.824	3155.484	3334.450	3371.211	3109.626	3347.971	3158.605
[31609]	3158.717	3031.174	3226.182	3459.807	3240.022	3398.047	3089.291	3396.423
[31617]	3199.630	3302.752	3189.450	3205.466	3193.780	3285.719	3215.456	3344.611
[31625]	3246.374	3107.769	3248.114	3185.201	3221.631	3306.409	3040.502	3162.623
[31633]	3398.306	3320.679	3254.940	3253.547	3319.845	3370.086	3034.205	3193.495
[31641]	3376.132	3218.444	3329.179	3311.954	3224.262	3264.922	3221.771	3026.244
[31649]	3355.785	3236.339	3280.576	3262.147	3238.415	3275.976	3123.095	3440.997
[31657]	3508.032	3195.633	3245.448	3279.781	3325.143	3281.207	3289.861	3204.871
[31665]	3245.371	3261.777	3184.246	3100.009	3277.469	3227.917	3290.175	3180.166
[31673]	3202.393	3300.532	3204.319	3375.313	3283.103	3572.447	3603.019	3561.664
[31681]	3049.234	3428.682	3135.143	3376.753	3219.851	3326.938	3360.472	3144.214
[31689]	3404.144	3173.461	3042.500	3450.816	3323.699	3220.870	3365.652	3241.043
[31697]	3417.591	3424.453	3114.089	3097.298	3404.959	3418.958	3289.579	3188.077
[31705]	3091.690	3222.008	3418.458	3354.158	3387.077	3185.543	3173.576	3106.767
[31713]	3492.190	3034.419	3465.011	3186.655	3325.142	3229.452	3336.350	3375.354
[31721]	3247.687	3252.800	3223.501	3370.394	3355.591	3311.130	3436.360	3338.651
[31729]	3250.780	3260.369	3128.869	3276.610	3211.693	3212.286	3282.272	3354.434
[31737]	3177.888	3279.851	3325.353	3322.670	3348.184	3299.188	3195.240	3168.368
[31745]	3299.226	3199.378	3228.542	3243.197	3231.781	3212.395	3184.922	3330.198
[31753]	3072.285	3414.737	3385.660	3289.781	3198.857	3153.649	3205.962	3419.778
[31761]	3255.973	3251.629	3303.530	3174.774	3226.520	3352.157	3215.325	3356.482
[31769]	3348.078	3191.478	3303.341	3328.178	3307.840	3310.507	3490.228	3144.744
[31777]	3279.076	3201.902	3296.571	3288.919	3332.448	3257.526	3383.704	3136.152
[31785]	3241.067	3378.242	3136.497	3321.185	3188.590	3203.942	3213.876	3324.239
[31793]	3196.382	3236.421	3383.231	3349.826	3059.944	3261.567	3222.483	3203.090
[31801]	3287.620	3278.013	3307.426	3227.224	3302.404	3243.277	3393.450	3397.928
[31809]	3234.785	3146.484	3370.859	3326.869	3383.747	3130.298	3061.940	3374.225
[31817]	3361.221	3320.021	3339.202	3202.656	3250.563	3235.431	3087.301	3130.705
[31825]	3246.907	3292.482	3152.823	3301.128	3241.803	3186.014	3228.824	3213.237
[31833]	3325.672	3266.884	3270.181	3046.933	3252.425	3145.456	3305.082	3199.537
[31841]	3133.715	3079.396	3434.778	3401.312	3277.796	3322.932	3159.079	3324.005
[31849]	3189.038	3327.093	3234.257	3256.812	3275.349	3406.876	3096.512	3262.782
[31857]	3256.950	3307.142	3140.414	3381.433	3232.843	3299.294	3308.011	3209.297
[31865]	3265.061	3192.642	3349.022	3060.446	3105.957	3308.864	3420.340	3067.824

[31873]	3156.560	3061.250	3482.333	3108.206	3298.448	3190.425	3198.141	3186.690
[31881]	3153.613	3196.675	3126.167	3271.547	3280.126	3265.813	3164.128	3086.495
[31889]	3096.349	3208.258	3246.081	3292.064	3097.553	3101.003	3176.572	3365.507
[31897]	3381.350	3280.443	3290.495	3307.199	3372.806	3177.760	3365.541	3312.527
[31905]	3440.706	3354.877	3195.552	3350.159	3332.594	3160.669	3259.585	3214.765
[31913]	3276.992	3243.614	3207.896	3235.240	3275.395	3279.144	3361.535	3466.911
[31921]	3105.161	3248.164	3257.777	3058.437	3306.734	3342.317	3280.773	3318.129
[31929]	3374.102	3084.899	3472.428	3415.119	3134.270	3380.264	3177.421	3322.930
[31937]	3401.720	3111.399	3316.095	3280.147	3210.649	3162.052	3302.844	3300.736
[31945]	3168.554	3303.986	3260.870	3457.759	3573.478	3514.391	3484.692	3145.526
[31953]	3279.702	3218.599	3088.778	2957.163	3569.573	3498.090	3174.164	3293.673
[31961]	3257.761	3367.421	3247.586	3185.650	3173.193	3391.553	3075.832	3416.650
[31969]	3104.939	3331.812	3406.356	3122.832	3133.886	3283.900	3251.819	3261.709
[31977]	3334.900	3059.548	3306.152	3315.901	3131.087	3203.741	3301.898	3231.152
[31985]	3257.705	3494.226	3268.856	3291.186	3132.650	3395.624	3184.207	3259.931
[31993]	3289.389	3196.061	3286.976	3336.361	3303.067	3188.251	3305.241	3283.424
[32001]	3300.238	3509.106	3151.992	3134.401	3257.794	3367.993	3345.698	3352.691
[32009]	3381.467	3390.072	3145.773	3187.331	3449.003	3395.006	3185.075	3286.407
[32017]	3238.330	3166.978	3197.255	3259.697	3100.971	3415.101	3193.486	3196.982
[32025]	3277.507	3393.218	3066.149	3475.452	3215.957	3166.681	3235.562	3287.804
[32033]	3633.084	2932.256	3422.605	3431.420	2973.382	3060.157	3056.635	3466.544
[32041]	3478.664	3075.322	3310.179	3193.623	3153.330	3154.228	3355.759	3268.004
[32049]	3296.626	3310.481	3431.404	3079.011	3209.260	3337.231	3347.893	3159.479
[32057]	3242.936	3343.085	3023.865	3011.752	3505.456	3167.488	3143.687	3394.583
[32065]	3476.718	3577.171	3321.651	3318.226	3312.883	3108.895	3066.728	3188.408
[32073]	3401.871	3104.127	3000.660	3021.823	3462.550	3290.157	3163.335	3267.684
[32081]	3195.892	3190.914	3196.258	3298.250	3225.512	3240.010	3291.399	3292.738
[32089]	3160.276	3254.858	3257.856	3266.703	3200.087	3265.783	3381.371	3383.514
[32097]	3321.906	3337.150	3234.309	3235.033	3328.021	3258.818	3207.960	3342.141
[32105]	3322.761	3360.432	3370.149	3299.989	3112.170	3051.991	3296.618	3414.037
[32113]	3584.456	3531.504	3210.921	3299.457	3048.162	3441.592	3016.309	3325.460
[32121]	3458.614	3292.235	3248.781	3290.006	3461.709	3013.516	3047.861	3428.176
[32129]	3261.272	3319.690	3325.530	3244.972	3430.201	3360.988	3177.971	3348.994
[32137]	3092.620	3443.602	3221.933	3260.531	3240.325	3246.888	3239.914	3387.762
[32145]	3200.086	3110.151	3369.685	3271.089	3313.935	3276.277	3408.359	3103.335
[32153]	3349.390	3420.779	3405.380	3167.115	3394.945	3248.731	2980.885	3481.816
[32161]	3462.929	3317.157	3284.799	3314.295	3276.222	3257.238	3226.857	3117.378
[32169]	3368.817	3329.014	3337.435	3315.025	3295.901	3273.505	3240.832	3119.002
[32177]	3107.798	3386.996	3264.917	3252.882	3334.277	3364.025	3448.983	3078.388
[32185]	3296.357	3156.204	3424.478	3332.865	3521.139	3282.973	3147.397	3018.226
[32193]	3337.705	3293.858	3165.545	3146.312	3147.430	3270.748	3265.130	3323.817
[32201]	3422.794	3296.365	3114.594	3284.703	3119.179	3233.115	3162.092	3337.546
[32209]	3205.540	3221.559	3215.073	3230.321	3300.579	3209.397	3225.466	3179.423

[32217]	3252.302	3301.254	3159.952	3416.694	3111.726	3123.992	3184.421	3330.914
[32225]	3165.905	3298.077	3282.819	3338.627	3112.554	3089.632	3154.014	3187.307
[32233]	3213.639	3275.101	3255.930	3351.625	3312.444	3262.053	3129.573	3377.995
[32241]	3393.228	3076.450	3399.462	3065.139	3478.270	3052.313	3318.397	3164.290
[32249]	3020.438	3096.684	3292.304	3286.587	3275.838	3172.048	3092.404	3422.823
[32257]	3162.490	3242.972	3404.589	3315.644	3364.275	3409.955	3130.763	3373.548
[32265]	3329.776	3240.722	3221.194	3090.603	3431.376	3271.939	3158.880	3398.709
[32273]	3500.121	3100.927	3432.331	3265.583	3225.928	3229.996	3291.137	3158.244
[32281]	3350.389	3126.643	3232.487	3269.725	3196.549	3350.473	3155.098	3439.520
[32289]	3311.278	3265.496	3350.294	3259.958	3175.489	3098.928	3195.923	3300.481
[32297]	3259.169	3148.694	3382.375	3138.024	3380.571	3147.610	3430.648	3236.751
[32305]	3275.745	3210.509	3314.178	3216.035	3265.990	3387.460	3100.805	3091.102
[32313]	3192.436	3067.596	3035.601	3416.697	3298.235	3236.887	3254.778	3242.724
[32321]	3177.656	3168.392	3169.580	3046.315	3435.439	3198.042	3393.525	3269.567
[32329]	3165.174	3174.361	3285.011	3203.141	3272.080	3275.436	3146.309	3346.897
[32337]	3126.362	3244.774	3234.647	3155.567	3319.289	3335.390	3234.760	3124.978
[32345]	3253.360	3300.629	3364.678	3380.864	3386.186	3139.596	3146.118	3336.126
[32353]	3277.756	3267.388	3270.468	3366.879	3303.554	3176.901	3402.347	3156.182
[32361]	3400.663	3150.735	3234.663	3308.575	3194.310	3352.232	3404.154	3403.580
[32369]	3417.428	3411.443	3434.649	3498.532	3634.676	3159.852	3351.029	3274.857
[32377]	3196.714	3273.647	3337.887	3236.095	3132.219	3180.696	3338.938	3175.832
[32385]	3183.161	3328.917	3241.970	3388.424	3184.797	3562.746	3061.941	3419.678
[32393]	3297.956	3218.764	3313.879	3334.405	3198.264	3225.517	3067.536	3150.616
[32401]	3382.238	3463.495	3425.591	3514.660	3017.782	3335.476	3441.568	3460.670
[32409]	3115.037	3364.754	3271.861	3417.180	3071.162	3304.719	3247.113	3237.379
[32417]	3228.359	3133.616	3058.194	3460.508	3092.160	3079.631	3502.268	3105.923
[32425]	3223.369	3349.674	3286.293	3133.691	3299.091	3324.108	3304.136	3232.026
[32433]	3145.128	3305.890	3349.622	3330.468	3414.595	3397.071	3247.917	3294.332
[32441]	3206.868	3300.590	3345.595	3206.851	3190.711	3344.952	3279.956	3246.313
[32449]	3491.056	3404.151	3156.083	3388.333	3320.045	3064.302	3378.660	3215.145
[32457]	3187.125	3250.018	3243.254	3232.194	3211.085	3187.603	3259.342	3277.058
[32465]	3239.287	3196.225	3362.354	3353.342	3412.874	3116.956	3303.653	3310.117
[32473]	3285.479	3403.455	3288.111	3408.803	3242.857	3260.274	3209.946	3363.735
[32481]	3250.533	3299.780	3207.663	3276.941	3258.453	3240.033	3236.030	3322.960
[32489]	3243.932	3206.992	3201.654	3125.551	3362.090	3422.400	3333.238	3300.596
[32497]	3230.261	3253.587	3251.573	3293.795	3328.486	3126.987	3369.891	3104.836
[32505]	3196.433	3309.183	3234.549	3282.645	3327.609	3228.051	3233.117	3343.840
[32513]	3171.441	3127.351	3374.632	3202.798	3194.649	3075.616	3163.262	3342.228
[32521]	3243.423	3251.132	3082.329	3134.790	3110.440	3088.391	3226.592	3097.632
[32529]	2942.654	3582.325	3461.113	3395.828	3345.969	3348.668	3247.362	3267.031
[32537]	3346.430	3139.685	3349.391	3297.490	3292.470	3340.454	3270.191	3242.276
[32545]	3195.467	3167.517	3237.420	3338.443	3355.686	3418.479	3145.885	3222.525
[32553]	3184.377	3280.317	3050.519	3174.443	3227.847	3244.172	3274.642	3238.149

[32561]	3247.106	3191.597	3343.946	3481.109	3292.096	3296.348	3321.025	3195.637
[32569]	3140.876	3290.198	3219.204	3186.384	3144.317	3230.880	3142.671	3124.369
[32577]	3374.235	3157.597	3178.208	3263.807	3255.029	3269.504	3179.205	3350.897
[32585]	3393.815	3190.337	3514.818	3212.975	3317.415	3339.555	3279.028	3217.373
[32593]	3288.160	3260.822	3272.415	3201.774	3303.986	3301.370	3198.684	3068.300
[32601]	3349.658	2979.749	3134.828	3338.769	3440.291	3076.415	3535.801	3501.437
[32609]	3009.224	3101.281	3107.830	3238.343	3301.310	3313.352	3186.105	3225.554
[32617]	3303.861	3174.324	3320.693	3245.395	3266.639	3309.521	3407.330	3246.399
[32625]	3248.205	3239.751	3346.272	3236.444	3235.613	3362.329	3305.006	3270.861
[32633]	3326.082	3177.985	3120.361	3333.269	3315.626	2980.478	3032.132	3302.850
[32641]	3144.238	3136.353	3384.421	3092.408	3042.725	3046.487	3403.443	3135.730
[32649]	3366.317	3328.437	3176.559	3173.721	3309.937	3237.381	3355.407	3360.063
[32657]	3295.431	3278.357	3432.366	3135.204	3368.128	3425.944	3351.906	3357.736
[32665]	3543.186	3271.465	3201.009	3348.161	3182.541	3151.144	3389.890	3272.073
[32673]	3282.517	3346.917	3356.898	3359.491	3354.873	3131.399	3388.169	3192.442
[32681]	3355.303	3214.606	3363.035	3356.568	3360.031	3400.500	3093.230	3348.411
[32689]	3110.943	3392.848	3409.867	3111.904	3377.847	3209.394	3288.015	3316.061
[32697]	3231.601	3278.428	3197.052	3307.224	3132.181	3214.613	3248.843	3255.999
[32705]	3301.248	3322.969	3488.900	3036.393	3001.423	3148.753	3196.837	3163.394
[32713]	3125.913	3277.162	3241.968	3454.133	3419.774	3075.203	3119.286	3169.739
[32721]	3343.981	3368.994	3229.665	3131.280	3247.298	3270.435	3262.988	3245.843
[32729]	3104.998	3413.042	3139.982	3280.542	3226.213	3404.996	3286.968	3127.290
[32737]	2999.820	3392.833	3161.139	3327.759	3342.377	3210.880	3341.534	3201.395
[32745]	3183.333	3167.993	3336.894	3274.406	3314.616	3260.256	3281.397	3183.451
[32753]	3202.913	3278.346	3258.194	3324.720	3323.467	3201.770	3234.428	3294.667
[32761]	3259.672	3262.424	3116.617	3242.147	3206.370	3188.699	3097.364	3352.853
[32769]	3155.976	3170.840	3264.547	3202.745	3312.769	3548.783	3347.651	3125.460
[32777]	3109.702	3220.418	3203.347	3170.410	3547.899	2966.383	3020.411	2982.507
[32785]	3159.369	3449.564	3173.569	3291.407	3231.300	3242.051	3251.491	3246.303
[32793]	3270.172	3186.470	3082.430	3260.742	3249.018	3266.427	3411.653	3186.278
[32801]	3170.214	3311.807	3406.897	3298.298	3387.631	3430.342	3079.339	3237.297
[32809]	3031.589	3532.300	3272.782	3152.631	3077.844	3079.115	3511.783	3430.023
[32817]	3217.820	3199.208	3418.099	3185.650	3320.072	3356.451	3148.000	3430.459
[32825]	3248.638	3265.659	3350.300	3265.199	3209.700	3215.880	3133.467	2939.567
[32833]	3362.061	3154.700	3170.429	3296.516	3335.934	3067.672	3394.621	3251.392
[32841]	3274.342	3268.256	3267.301	3378.757	3212.853	3269.695	3254.101	3219.304
[32849]	3264.962	3137.830	3228.159	3401.686	3116.460	3210.637	3213.040	3185.849
[32857]	3344.045	3345.608	3281.792	3187.124	3217.336	3342.469	3143.220	3300.477
[32865]	3372.244	3264.172	3146.071	3183.768	3130.398	3201.086	3315.611	3205.693
[32873]	3296.169	3227.980	3430.820	3228.176	3155.834	3250.644	3248.171	3203.497
[32881]	3316.200	3263.506	3255.154	3214.994	3345.914	3427.081	3244.781	3213.453
[32889]	3182.192	3332.382	3108.808	3251.527	3217.265	3220.453	3310.867	3226.453
[32897]	3032.041	3486.566	3044.111	3030.673	3152.898	3145.084	3245.715	3367.474

[32905]	3383.369	3054.334	3142.238	3362.817	3213.958	3021.188	3015.999	3249.915
[32913]	3260.458	3385.920	3388.990	3392.110	3130.559	3276.448	3228.014	3370.305
[32921]	3476.208	3409.478	3390.434	3187.165	3199.373	3389.582	3495.377	3039.609
[32929]	3303.040	3165.735	3171.568	3420.834	3427.869	3282.578	3326.292	3402.806
[32937]	3293.104	3280.100	3287.343	3165.649	3067.461	3161.476	3358.429	3154.499
[32945]	3132.028	3401.897	3270.700	3273.234	3378.357	3550.380	3192.876	3245.660
[32953]	3291.794	3234.036	3205.855	3147.925	3119.413	3243.390	3061.542	3337.617
[32961]	3185.850	3164.146	3324.975	3318.665	3296.600	3326.887	3180.606	3055.736
[32969]	3181.979	3100.217	3330.450	3361.898	3335.754	3223.793	3165.006	3242.950
[32977]	3313.286	3389.340	3260.280	3250.278	3460.692	3387.308	3175.425	3287.737
[32985]	3144.046	3201.101	3106.584	3181.324	3416.203	3507.494	3424.179	3105.362
[32993]	3395.677	3270.848	3460.170	3110.618	3239.130	3177.132	3175.932	3325.044
[33001]	3353.509	3190.178	3204.614	3357.113	3226.999	3336.999	3242.705	3077.368
[33009]	3173.653	3509.835	3162.889	3111.368	3533.924	3440.310	3440.162	3170.919
[33017]	3234.439	3284.680	3369.082	3344.046	3351.229	2939.629	3164.955	3205.117
[33025]	3261.265	3208.187	3251.365	3254.567	3226.315	3246.434	3208.947	3305.588
[33033]	3343.489	3260.360	3189.637	3320.625	3351.290	3355.051	3342.431	3241.842
[33041]	3212.600	3231.550	3214.314	3357.921	3320.388	3210.509	3170.397	3365.573
[33049]	3064.675	3243.911	3369.293	3113.791	3205.656	3309.093	3266.511	3319.237
[33057]	3369.656	3337.527	3194.266	3146.289	3273.155	3182.538	3417.198	3110.914
[33065]	3431.681	3075.370	3384.025	3399.981	3368.084	3353.828	3323.696	3295.430
[33073]	3200.569	3252.565	3039.822	3453.953	3191.471	3324.795	3249.191	3224.028
[33081]	3240.638	3268.748	3281.984	3202.572	3376.663	3210.385	3111.828	3400.903
[33089]	3343.927	3177.519	3304.094	3299.395	3354.014	3223.666	3292.120	3018.438
[33097]	3026.903	3013.821	3499.059	3015.062	3144.753	3176.149	3210.764	3439.830
[33105]	3327.210	3473.162	3094.088	3105.115	3382.682	3091.097	3131.728	3405.547
[33113]	3354.959	3218.533	3295.599	3319.974	3198.221	3291.479	3235.822	3289.231
[33121]	3225.756	3400.278	3125.579	3201.571	3179.112	3386.846	3336.767	3203.613
[33129]	3100.915	3480.255	3083.713	3439.436	3028.135	3389.690	3398.147	3211.757
[33137]	3409.993	3353.219	3455.314	3335.846	3354.578	3430.890	3401.226	3401.913
[33145]	3421.811	3427.777	3092.590	3435.178	3088.408	3187.924	3323.241	3402.619
[33153]	3323.540	3318.888	3138.929	3245.295	3237.125	3267.177	3202.808	3265.155
[33161]	3354.400	3484.340	3026.887	3219.818	3426.927	3456.656	3120.435	3202.246
[33169]	3340.145	3321.783	3271.490	3315.254	3208.410	3261.247	3371.945	3113.898
[33177]	3243.951	3236.986	3239.581	3362.493	3124.138	3265.023	3216.843	3219.046
[33185]	3265.124	3247.012	3392.959	3234.597	3448.851	3286.536	3210.339	3303.347
[33193]	3331.748	3126.404	3314.496	3304.110	3097.390	3199.801	3227.877	3185.967
[33201]	3185.363	3101.459	3120.333	3368.464	3088.879	3449.010	3091.698	3275.453
[33209]	3235.726	3273.991	3297.655	3031.537	3439.667	3366.189	3363.533	3279.844
[33217]	3184.376	3395.926	3052.818	3427.365	3098.644	3332.741	3078.451	3058.113
[33225]	3342.910	3330.950	3140.292	3108.890	3391.992	3262.731	3256.349	3329.450
[33233]	3288.868	3225.810	3141.797	3216.899	3330.082	3190.352	3330.735	3191.720
[33241]	3222.353	3317.128	3274.584	3355.410	3227.397	3175.895	3003.868	3385.645

[33249]	3022.455	3413.110	3408.362	3193.127	3263.943	3160.413	3195.041	3350.812
[33257]	3388.769	3069.891	3217.249	3299.833	3473.338	3398.453	3100.658	3292.021
[33265]	3209.591	3373.676	3237.512	3174.410	3338.817	3216.067	3209.720	3259.538
[33273]	3335.366	3094.843	3116.154	3201.699	3081.397	3333.586	3202.327	3305.651
[33281]	3236.852	3368.095	3096.167	3405.013	3467.693	3108.891	3415.575	3405.504
[33289]	3158.771	3390.193	3219.944	3234.573	3289.148	3212.813	3187.077	3199.443
[33297]	3145.764	3096.395	3401.107	3401.916	3330.441	3252.968	3216.199	3362.967
[33305]	3320.187	3517.799	3194.759	3154.291	3185.824	3389.583	3262.667	3273.006
[33313]	3271.928	3266.114	3076.901	3178.151	3379.247	3143.967	3392.575	3401.906
[33321]	3053.229	3079.732	3494.143	3202.025	3323.292	3373.528	3168.535	3139.281
[33329]	3238.824	3284.320	3246.590	3289.717	3244.645	3236.385	3281.722	3250.616
[33337]	3257.619	3307.348	3297.980	3221.309	3255.336	3254.296	3230.741	3407.251
[33345]	3324.036	3191.285	3254.789	3328.056	3523.083	3279.907	3253.317	3017.274
[33353]	3495.143	3416.781	3402.809	3238.972	3276.993	3276.993	3189.904	3164.767
[33361]	3323.782	3262.860	3183.152	3240.657	3303.143	3302.834	3183.351	3308.968
[33369]	3259.509	3306.807	3156.299	3139.950	3119.033	3417.988	3273.294	3288.129
[33377]	3268.499	3130.931	3418.206	3300.673	3015.471	3238.507	3385.789	3375.525
[33385]	3127.282	3241.691	3248.554	3091.119	3146.203	3167.307	3193.061	3322.362
[33393]	3315.016	3074.107	3467.507	3171.029	3339.225	3247.357	3317.434	3208.237
[33401]	3187.135	3357.317	3345.744	3209.306	3003.521	3492.125	3304.205	3387.470
[33409]	3482.236	3235.350	3248.732	3272.023	3202.200	3184.628	3080.481	3415.755
[33417]	3023.968	3223.951	3290.157	3137.892	3291.104	3416.094	3364.205	3189.238
[33425]	3165.474	3199.224	3334.607	3170.362	3296.099	3255.950	3306.929	3246.162
[33433]	3215.456	3362.769	3195.143	3354.792	3167.870	3321.607	3203.389	3290.128
[33441]	3273.952	3306.215	3314.812	3213.000	3349.703	3325.674	3186.043	3061.870
[33449]	3300.233	3313.631	3454.313	3265.809	3173.297	3398.404	3428.708	3014.406
[33457]	3097.719	3337.196	3124.567	3249.030	3319.980	3346.594	3420.087	3132.168
[33465]	3379.326	3359.633	3145.393	3367.647	3321.472	3307.011	3349.441	3324.095
[33473]	3385.875	3187.942	3270.042	3368.959	3328.538	3235.236	3391.948	3391.469
[33481]	3161.192	3269.662	3257.011	3226.117	3309.449	3267.361	3293.894	3157.145
[33489]	3358.398	3103.034	3112.938	3323.100	3425.013	3256.259	3124.198	3095.652
[33497]	3476.381	3549.360	3380.083	3328.428	3264.689	3419.206	3182.342	3090.715
[33505]	3436.312	3455.931	3203.528	3416.424	3128.193	3155.793	3362.811	3129.189
[33513]	3368.594	3237.568	3217.563	3248.640	3276.008	3350.156	3415.425	3307.412
[33521]	3406.221	3298.506	3309.649	3318.224	3254.873	3283.180	3346.902	3327.395
[33529]	3230.719	3348.789	3485.225	3041.414	3280.026	3357.876	3209.626	3234.913
[33537]	3093.453	3446.445	3254.699	3234.890	3325.855	3180.853	3347.058	3258.609
[33545]	3315.676	3311.005	3163.177	3339.409	3348.079	3336.494	3384.434	3096.531
[33553]	3438.087	3519.352	3359.860	3316.473	3184.102	3118.984	3186.273	3387.095
[33561]	3205.936	3258.229	3210.759	3326.751	3272.884	3263.384	3321.835	3211.045
[33569]	3422.684	3110.621	3430.240	3192.379	3411.778	3143.956	3153.382	3092.179
[33577]	3017.037	3174.388	3250.302	3061.542	3350.250	3337.193	3136.477	3401.128
[33585]	3109.848	3348.672	3375.037	3133.917	3296.582	3305.539	3220.169	3222.251

[33593]	3372.767	3240.807	3196.876	3296.633	3209.038	3300.919	3228.295	3329.733
[33601]	3180.356	3244.356	3339.763	3250.483	3226.469	3190.313	3061.826	3257.971
[33609]	3139.674	3368.440	3131.296	3160.781	3386.167	3311.461	3292.811	3292.811
[33617]	3274.726	3338.293	3147.920	3160.473	3404.803	3198.768	3331.902	3319.449
[33625]	3228.094	3231.903	3328.311	3186.348	3122.243	3330.975	3161.095	3302.401
[33633]	3248.351	3250.541	3240.684	3296.516	3230.470	3265.375	3453.540	3351.646
[33641]	3302.073	3426.938	3420.336	3355.527	3286.791	3258.626	3260.375	3454.542
[33649]	3225.529	3109.638	3387.886	3241.548	3224.037	3310.828	3145.470	3269.097
[33657]	3291.640	3323.152	3164.477	3250.318	3181.347	3208.817	3164.897	3209.006
[33665]	3238.381	3142.492	3317.474	3273.740	3310.073	3260.123	3267.691	3131.277
[33673]	3337.632	3137.511	3304.237	3255.382	3219.099	3193.850	3360.952	3494.395
[33681]	3485.269	3425.673	3214.853	3336.687	3180.171	3411.326	3444.861	3099.802
[33689]	3461.284	3454.494	3097.577	3167.617	3330.139	3230.152	3331.622	3416.383
[33697]	3069.373	3008.091	3146.802	3316.520	3344.957	3187.110	3304.715	3354.764
[33705]	3176.525	3147.863	3234.804	3258.324	3108.254	3120.173	3358.144	3159.368
[33713]	3211.681	3381.787	3369.314	3388.361	3368.141	3432.479	3106.518	3143.261
[33721]	3355.955	3263.318	3312.246	3220.459	3358.424	3322.288	3138.718	3208.232
[33729]	3283.684	3184.354	3217.851	2958.464	3153.800	3135.582	3264.771	3228.441
[33737]	3343.118	3341.991	3090.506	3415.911	2994.224	3265.255	3378.547	3302.334
[33745]	3403.705	3128.994	3379.635	3166.659	3199.952	3400.568	3300.033	3251.766
[33753]	3341.409	3208.943	3242.094	3421.944	3220.232	3290.317	3368.246	3179.560
[33761]	3081.317	3089.848	3178.398	3144.474	3422.576	3257.200	3228.687	3401.573
[33769]	3303.707	3181.925	3430.841	3466.901	3313.303	3337.406	3277.083	3325.962
[33777]	3242.772	3249.881	3273.065	3301.785	3326.454	3212.735	3191.341	3381.841
[33785]	3232.296	3264.918	3266.264	3271.255	3340.965	3184.053	3185.922	3250.454
[33793]	3242.710	3429.888	3080.341	3443.175	3231.709	3186.983	3627.704	3498.228
[33801]	3448.349	3385.496	3429.770	3412.352	3170.266	3345.736	3152.788	3246.384
[33809]	3236.127	3219.293	3207.082	3181.758	3095.671	3442.670	3453.942	3359.411
[33817]	3230.764	3296.504	3458.994	3314.510	3176.689	3272.130	3413.181	3337.794
[33825]	3048.334	3012.413	3369.597	3403.245	3418.042	3033.852	3107.030	3417.097
[33833]	3008.110	3062.822	3111.294	3402.437	3179.493	3378.875	3144.892	3408.070
[33841]	3133.419	3323.200	3427.132	3091.836	3332.562	3312.471	3404.537	3124.774
[33849]	3316.952	3360.968	3120.778	3433.254	3163.126	3316.793	3292.093	3277.775
[33857]	3350.738	3215.202	3336.584	3140.191	3157.371	3377.750	3421.085	3115.704
[33865]	3399.871	3342.616	3198.783	3320.346	3292.833	3173.007	3133.923	3295.109
[33873]	3271.459	3359.531	3214.851	3273.019	3263.499	3237.835	3240.419	3302.585
[33881]	3209.191	3299.899	3234.104	3253.188	3210.277	3070.280	3327.709	3175.941
[33889]	3255.576	3264.546	3204.610	3019.496	3033.795	3075.870	3354.256	3227.139
[33897]	3281.203	3283.773	3264.184	3204.553	3295.214	3274.054	3324.492	3248.249
[33905]	3316.416	3201.843	3163.900	3202.433	3299.863	3231.085	3319.044	3318.850
[33913]	3288.594	3342.000	3392.214	3163.321	3326.258	3259.523	3126.030	3221.265
[33921]	3337.540	3163.242	3163.242	3118.882	3093.489	3449.741	3411.051	3434.562
[33929]	3119.126	3141.761	3350.779	3049.915	3071.638	3272.209	3238.308	3231.169

[33937]	3211.240	3151.207	3232.069	3366.736	3217.246	3343.975	3193.666	3175.966
[33945]	3383.070	3147.697	3010.779	3024.712	3008.480	3134.772	3343.252	3213.071
[33953]	3281.557	3144.858	3207.383	3368.582	3279.593	3274.924	3301.755	3354.241
[33961]	3175.164	3203.201	3222.125	3287.385	3235.831	3359.631	3212.254	3015.046
[33969]	3110.502	3350.544	3318.800	3312.640	3356.374	3168.096	3512.657	3074.204
[33977]	3292.549	3183.811	3156.431	3194.336	3276.349	3138.746	3253.783	3165.545
[33985]	3141.990	3244.966	3363.726	3159.491	3200.975	3143.479	3199.937	3316.516
[33993]	3232.314	3165.599	3315.406	3081.452	3315.097	3323.934	3224.646	3209.394
[34001]	3271.489	3183.700	3239.131	3398.270	3130.157	3248.527	3191.133	3348.407
[34009]	3375.574	3230.782	3288.987	3464.391	3473.818	3441.167	3209.959	3330.214
[34017]	3188.621	3187.860	3226.448	3206.261	3155.243	3392.625	3448.088	3436.013
[34025]	3458.427	3346.185	3405.896	3095.620	3416.320	3142.396	3324.654	3168.732
[34033]	3348.520	3373.429	3138.743	3095.665	3263.451	3294.744	3240.571	3136.841
[34041]	3177.737	3429.040	3088.302	3223.553	3407.733	3022.318	3450.111	3434.425
[34049]	3374.653	3314.141	3145.781	3454.712	3304.119	3204.711	3207.324	3220.824
[34057]	3267.168	3179.495	3110.476	3245.190	3281.164	3143.564	3364.964	3135.662
[34065]	3294.431	3395.753	3158.151	3288.794	3236.464	3329.016	3019.403	3082.722
[34073]	3256.861	3350.845	3140.525	3226.176	3151.695	3415.569	3318.841	3195.807
[34081]	3247.194	3302.745	3322.464	3277.452	3265.846	3371.121	3306.097	3385.786
[34089]	3375.128	3103.199	3405.525	3359.900	3184.566	3283.443	3396.072	3390.731
[34097]	3119.824	3094.846	3371.030	3114.348	3379.715	3372.786	3145.620	3282.920
[34105]	3325.183	3331.421	3359.640	3402.476	3267.735	3270.178	3306.708	3177.760
[34113]	3379.717	3311.549	3177.573	3151.569	3198.151	3142.110	3144.647	3156.292
[34121]	3154.111	3072.353	3248.567	3039.311	3383.044	3327.963	3263.547	3461.433
[34129]	3185.163	3106.587	3191.872	3259.985	3095.977	3080.287	3292.898	3245.918
[34137]	3224.223	3217.580	3228.524	3250.954	3364.258	3139.614	3117.237	3254.749
[34145]	3400.221	3156.269	3178.347	3220.989	3258.501	3016.472	3072.768	3194.540
[34153]	3277.714	3130.919	3042.605	3458.331	3122.483	3300.954	3249.750	3317.939
[34161]	3358.136	3203.329	3187.387	3080.325	3228.438	3290.315	3133.512	3087.104
[34169]	3389.397	3337.375	3170.879	3263.080	3295.041	3271.963	3414.811	2939.016
[34177]	3335.082	3223.587	3308.349	3253.414	3352.086	3278.436	3206.153	3261.627
[34185]	3268.874	3240.398	3190.528	3381.893	3433.512	3294.489	3208.412	3309.457
[34193]	3295.005	3286.467	3169.752	3306.726	3244.353	3143.451	3400.127	3212.414
[34201]	3283.557	3155.965	3273.053	3189.424	3140.945	3360.441	3330.965	3390.761
[34209]	3285.383	3213.549	3419.485	3235.442	3345.620	3427.608	3323.341	3311.779
[34217]	3326.517	3296.894	3512.586	3479.619	3330.083	3241.457	3243.126	2957.904
[34225]	2892.131	2860.377	2835.351	3033.973	3186.454	3464.924	3423.789	3505.659
[34233]	3430.351	3285.761	3200.113	3304.999	3367.706	3204.316	3402.506	3395.825
[34241]	3363.918	3308.638	3395.148	3081.307	3463.482	3088.986	3083.637	3400.902
[34249]	3142.832	3181.358	3322.037	3051.655	3135.641	3432.544	3302.136	3323.721
[34257]	3384.521	3178.175	3327.865	3325.043	3198.046	3519.019	3577.845	3175.476
[34265]	3224.501	3311.169	3351.721	3082.621	3251.587	3178.850	3356.829	3109.469
[34273]	3414.161	3264.138	3383.497	3466.334	3047.623	3350.222	3258.795	3157.901



[34281]	3042.577	3416.380	3195.737	3370.760	3299.034	3160.631	3240.554	3267.661
[34289]	3064.327	3104.264	2845.487	3319.271	3325.640	3176.161	3335.519	3326.067
[34297]	3227.706	3130.007	3271.956	3113.655	3134.517	3230.390	3227.495	3146.088
[34305]	3098.551	3356.778	3242.177	3266.929	3311.309	3319.410	3366.273	3362.974
[34313]	3387.503	3147.343	3120.194	3414.606	3430.028	3209.769	3103.913	3398.237
[34321]	3109.710	3381.321	3260.379	3265.457	3332.078	3280.809	3140.681	3114.151
[34329]	3368.065	3274.470	3282.061	3360.285	3163.660	3382.113	3405.490	3193.014
[34337]	3303.954	3324.592	3162.053	3429.375	3472.071	3472.364	3264.582	3249.534
[34345]	3318.994	3361.844	3308.148	3212.412	3306.273	3293.855	3278.512	3252.460
[34353]	3191.476	3358.246	3419.608	3093.337	3181.561	3177.613	3362.659	3290.100
[34361]	3424.650	3113.072	2984.764	3077.334	3015.712	3296.094	3170.657	3248.222
[34369]	3334.328	3349.097	3170.285	3180.253	3206.072	3394.712	3380.425	3262.719
[34377]	3342.489	3222.335	3364.720	3133.225	3331.521	3349.389	3442.785	3064.242
[34385]	3153.069	3126.941	3283.850	3255.262	3260.341	3245.870	3294.729	3250.869
[34393]	3297.989	3250.306	3286.178	3250.214	3093.973	3097.819	3022.345	3021.408
[34401]	3182.144	3258.965	3384.744	3160.778	3265.325	3432.046	3363.760	3214.674
[34409]	3300.491	3109.541	3399.814	3275.397	3520.458	3409.543	3184.461	3188.380
[34417]	3358.635	3438.830	3141.301	3140.731	3186.506	3134.204	3392.826	3116.689
[34425]	3367.033	3225.543	3439.449	3227.857	3227.834	3190.767	3238.594	3281.358
[34433]	3247.019	3120.723	3430.114	3306.427	3110.916	3291.708	3235.593	3249.627
[34441]	3105.943	3365.949	3341.952	3174.456	3392.218	3301.468	3243.229	3291.500
[34449]	3350.259	3247.183	3386.076	3304.526	3176.074	3410.433	3093.728	3366.955
[34457]	3243.958	3212.738	3232.045	3170.960	3235.406	3217.442	3267.426	3113.042
[34465]	3434.329	3481.809	3470.373	3479.319	3007.840	3174.975	3089.121	3198.815
[34473]	3197.527	3352.863	3370.527	3320.835	3207.144	3261.699	3220.773	3425.978
[34481]	3392.425	3240.119	3298.118	3291.453	3371.840	3170.072	3152.740	3305.594
[34489]	3411.550	3117.711	3416.968	3138.282	3134.751	3269.728	3220.025	3224.815
[34497]	3169.627	3125.258	3065.547	3106.668	3140.963	3105.969	3204.811	3398.804
[34505]	3368.679	3031.357	3054.902	2990.549	3307.797	3289.732	3363.659	3252.271
[34513]	3296.801	3120.894	3376.528	3260.429	3342.328	3084.224	3339.286	3172.697
[34521]	3181.402	3217.958	3033.625	3493.183	2997.555	3077.220	3129.653	3111.945
[34529]	3098.991	3331.533	3326.929	3274.429	3156.003	3199.580	3214.721	3045.344
[34537]	3207.079	3366.885	3103.250	3396.097	3292.811	3243.940	3305.564	3211.475
[34545]	3252.998	3113.814	3307.706	3222.594	3235.688	3110.297	3517.837	3450.871
[34553]	3286.555	3281.987	3280.370	3142.723	3118.076	3367.100	3126.316	3188.727
[34561]	3200.036	3309.281	3280.303	3210.051	3268.588	3216.604	3153.395	3040.944
[34569]	3471.296	3327.662	3234.335	3409.407	3282.605	3256.286	3231.670	3261.001
[34577]	3047.774	2942.417	2865.893	2998.199	3020.974	3285.686	3312.606	3278.460
[34585]	3362.198	3098.084	3147.909	3365.247	3185.413	3103.201	3270.814	3324.011
[34593]	3351.740	3374.505	3135.062	3352.891	3338.470	3354.772	3273.933	3025.263
[34601]	3451.455	3351.787	3348.341	3371.611	3140.538	3231.439	3283.340	3236.760
[34609]	3277.932	3216.834	3331.737	3460.361	3281.355	3442.739	3078.289	3387.303
[34617]	3132.235	3348.701	3411.276	3406.125	3147.198	3308.788	3432.631	3313.042

[34625]	3151.241	3087.812	3440.496	3080.678	3201.011	3309.892	3167.125	3330.944
[34633]	3149.147	3139.407	3313.677	3430.234	3362.410	3104.713	3307.846	3032.825
[34641]	3414.860	3388.318	3384.723	3060.698	3208.623	3237.253	3222.071	3198.826
[34649]	3125.054	3012.081	3421.111	3396.807	3325.359	3273.163	3093.740	3031.976
[34657]	3494.249	3321.307	3042.707	3007.364	3180.661	3399.970	3137.713	3355.250
[34665]	3101.890	3075.194	3463.731	3310.669	3239.040	3378.509	3158.012	3349.330
[34673]	3257.639	3313.762	3377.131	3238.237	3193.030	3339.659	3214.822	3280.660
[34681]	3249.471	3293.736	3247.929	3395.483	3290.099	3205.480	3369.337	3173.658
[34689]	3115.452	3161.418	3301.901	3319.315	3317.109	2980.538	3529.672	3021.051
[34697]	3497.018	3422.616	3315.416	3354.693	3421.962	3176.595	3241.506	3143.956
[34705]	3361.377	3181.556	3245.260	3366.067	3009.263	3134.263	3303.344	3346.139
[34713]	3286.631	3251.895	3261.689	3295.538	3248.581	3289.879	3074.787	3193.224
[34721]	3311.206	3346.576	3184.072	3219.944	3302.270	3324.500	3147.469	3356.424
[34729]	3162.658	3404.356	3391.360	3296.248	3150.804	3353.966	3320.439	3510.829
[34737]	3161.788	3194.532	3235.010	3073.809	3046.919	2988.722	3280.980	3208.643
[34745]	3323.090	3188.964	3376.925	3312.954	3276.444	3412.969	3173.042	3232.215
[34753]	3408.506	3422.497	3496.086	3423.746	3426.159	3111.920	3593.485	3389.787
[34761]	3146.648	3298.308	3217.735	3166.642	3266.074	3412.137	3502.757	3065.861
[34769]	3224.169	3248.297	3394.198	3396.349	3308.550	3339.733	3240.918	3378.096
[34777]	3170.495	3357.484	3262.325	3444.453	3435.388	3217.053	3175.526	3147.118
[34785]	3115.346	3060.576	3107.883	3220.226	3266.226	3376.893	3178.197	3302.886
[34793]	3259.284	3317.599	3469.590	3512.857	3339.898	3161.411	3348.429	3459.062
[34801]	3286.051	3302.483	3264.980	3073.860	3447.399	3604.416	2956.712	3019.658
[34809]	3019.191	3181.343	3192.871	3250.486	3197.684	3185.945	3222.828	3280.554
[34817]	3305.541	3272.658	3231.900	3153.282	3362.502	3165.437	3046.694	3133.693
[34825]	3388.240	3381.092	3291.243	3231.877	3293.322	3150.171	2906.688	3125.285
[34833]	3112.358	3301.152	3243.651	3299.090	3114.439	3213.437	3344.982	3176.502
[34841]	3109.058	3294.438	3319.530	3296.841	3221.046	3296.313	3180.084	3247.011
[34849]	3188.714	3322.970	3136.211	3421.725	3013.675	3570.092	3393.004	3120.070
[34857]	3118.129	3410.718	3437.781	3122.137	3370.722	3121.570	3439.833	3358.736
[34865]	3211.703	3238.833	3268.821	3169.715	3071.600	3133.499	3439.183	3280.565
[34873]	3286.368	3120.875	3471.096	3157.534	3251.410	3261.404	3401.303	3348.124
[34881]	3164.099	3106.522	3550.724	3396.273	3458.325	3219.827	3238.562	3464.607
[34889]	3021.345	3055.516	3488.161	3185.641	3275.585	3244.133	3276.763	3376.075
[34897]	3147.419	3015.992	3334.914	3160.340	3129.618	3216.615	3210.713	3353.906
[34905]	3235.474	3250.365	3295.739	3302.647	3159.017	3069.381	3395.953	3143.549
[34913]	3272.351	3260.237	3318.794	3173.584	3354.003	3251.213	3248.885	3332.666
[34921]	3204.056	3311.945	3276.956	3493.745	3438.703	3472.802	3006.537	3050.737
[34929]	3469.992	3039.933	3146.557	3261.270	3200.606	3290.799	3263.377	3207.127
[34937]	3229.942	3255.089	3316.052	3117.215	3031.748	3158.471	3514.252	3369.108
[34945]	3189.465	3263.420	3297.900	3298.893	3248.488	3224.711	3254.142	3363.765
[34953]	3194.388	3310.578	3315.763	3396.890	3272.354	3298.985	3227.539	3311.802
[34961]	3191.680	3141.579	3215.303	3310.250	3229.381	3183.307	3177.979	3225.222

[34969]	3182.832	3232.629	3136.421	3370.859	3506.001	3527.157	3163.547	3139.978
[34977]	3361.586	3206.905	3334.183	3295.660	3469.917	3066.783	3475.781	3096.515
[34985]	3344.698	3212.046	3319.197	3311.381	3250.026	3288.894	3403.955	3156.644
[34993]	3104.584	3566.374	3045.134	3273.056	3126.140	3229.589	3341.807	3369.747
[35001]	3170.445	3262.905	3307.548	3211.318	3321.628	3196.630	3202.052	3433.730
[35009]	3273.848	3244.048	3314.689	3075.400	3215.177	3253.725	3133.663	3272.125
[35017]	3143.798	3343.255	3443.285	3199.638	3195.383	3180.304	3302.342	3566.654
[35025]	3435.221	3196.899	3211.635	3190.311	3209.065	3332.385	3123.113	3531.018
[35033]	3349.476	3198.028	3285.059	3369.408	3233.876	3317.706	3344.687	3008.879
[35041]	3227.566	3300.485	3293.658	3353.202	3328.795	3167.063	3177.656	3334.080
[35049]	3616.620	3585.922	3591.351	3291.015	3158.539	3238.918	3263.763	3234.151
[35057]	3276.538	3217.305	3056.389	3196.518	3231.948	3285.219	3367.434	3222.379
[35065]	3267.702	3231.401	3270.715	3298.296	3293.235	3257.099	3199.291	3389.813
[35073]	3142.848	3052.891	3218.129	3361.114	2970.803	2956.978	3010.495	3155.563
[35081]	3287.312	3219.439	3461.038	3439.165	3370.888	3337.582	3283.688	3145.132
[35089]	3235.010	3342.406	3492.146	3372.249	3142.463	3413.191	3378.914	3164.555
[35097]	3292.734	3478.234	3369.040	3407.583	3421.688	3299.736	3144.071	3316.156
[35105]	3350.747	3224.726	3371.757	3294.200	3256.774	3281.431	3284.131	3388.888
[35113]	3196.091	3216.106	3333.429	3275.366	3439.789	3351.717	3452.437	3256.721
[35121]	3261.355	3238.130	3259.195	3325.306	3161.201	3404.562	3110.158	3335.619
[35129]	3344.308	3198.223	3083.401	3371.684	3459.713	3439.011	3222.738	3242.490
[35137]	3269.621	3234.386	3143.974	3434.744	3361.325	3283.683	3230.389	3173.185
[35145]	3118.049	3185.503	3303.976	3295.587	3152.340	3197.793	3276.995	3225.514
[35153]	3187.698	3037.506	3561.532	3407.244	3248.698	3348.633	3386.481	3144.047
[35161]	3208.197	3333.363	3101.745	3135.152	3454.794	3076.742	3299.578	3242.679
[35169]	3195.079	3305.012	3082.409	3436.222	3202.008	3194.967	3230.375	3302.353
[35177]	3125.508	3166.620	3255.903	3264.853	3229.470	3297.477	3186.169	3175.784
[35185]	3128.183	3091.390	3333.920	3195.381	3275.666	3275.810	3251.375	3345.916
[35193]	3399.535	3325.600	3284.343	3118.416	3492.693	3388.976	3093.195	3470.701
[35201]	3466.754	3457.630	3423.837	3523.988	3010.726	3118.827	3255.215	3410.337
[35209]	3455.679	3430.585	3200.627	3248.801	3158.801	3361.569	3322.254	3391.513
[35217]	3152.532	3428.054	3443.917	3376.072	3187.562	3184.710	3421.409	3140.396
[35225]	3168.992	3166.058	3209.080	3293.789	3367.504	3361.865	3369.557	3109.378
[35233]	3044.891	3423.299	3240.576	3318.094	3226.782	3221.300	3243.856	3233.958
[35241]	3270.393	3229.387	3300.680	3300.572	3304.327	3174.972	3365.856	3307.267
[35249]	3292.376	3271.531	3123.201	3188.279	3157.169	3410.255	3343.209	3378.690
[35257]	3122.604	3277.015	3293.011	3248.648	3366.305	3052.069	3154.088	3150.013
[35265]	3280.675	3283.015	3341.072	3209.095	3304.883	3238.839	3183.941	3248.184
[35273]	3200.117	3252.741	3261.426	3263.319	3260.529	3315.882	3508.123	3068.118
[35281]	3057.640	3258.191	3262.899	3292.289	3397.915	3179.713	3180.337	3127.742
[35289]	3525.283	3018.998	3071.226	3286.306	3171.140	3147.963	3335.590	3190.858
[35297]	3257.386	3150.415	3184.197	3345.953	3153.646	3206.210	3319.276	3433.223
[35305]	3647.953	3246.713	3179.806	3356.501	3093.320	3428.404	3176.402	3312.719

[35313]	3257.609	3304.281	3203.974	3205.010	3113.217	3276.173	3242.065	2939.463
[35321]	3113.552	3299.225	3289.928	3111.696	3432.043	3444.639	2999.448	2991.413
[35329]	3085.552	3443.219	3354.274	3159.354	3243.126	3193.675	3193.004	3357.839
[35337]	3241.813	3354.828	3450.502	3440.091	3063.518	3279.855	3319.394	3315.817
[35345]	3398.401	3195.332	3152.653	3519.778	3307.517	3312.416	3203.039	3386.222
[35353]	3239.064	3401.282	3180.274	3150.582	3047.586	3164.169	3227.832	3278.964
[35361]	3336.428	3245.297	3258.878	3127.465	3124.694	3325.518	3288.876	3254.111
[35369]	3363.916	3145.079	3210.432	3210.899	3345.450	3208.116	3352.235	3350.372
[35377]	3444.191	3116.525	3408.046	3495.720	3192.804	3317.037	3206.040	3272.479
[35385]	3210.693	3308.756	3167.189	3392.292	3355.168	3170.554	3098.474	3090.644
[35393]	3430.337	3177.089	3142.494	3389.700	3336.434	3171.610	3252.456	3189.201
[35401]	3337.972	3338.858	3301.545	3044.761	3367.603	3274.986	3037.960	3090.465
[35409]	3361.191	3089.204	3148.248	3344.690	3108.626	3203.265	3191.401	3367.485
[35417]	3272.920	3281.358	3315.756	3172.513	3385.458	3383.697	3265.305	3185.393
[35425]	3260.017	3308.594	3326.378	3166.421	3481.069	2977.864	3280.716	3273.917
[35433]	3094.684	3071.720	3451.181	3329.122	3047.202	3139.070	3324.019	3230.824
[35441]	3204.528	3348.390	3046.947	3429.199	3359.563	3247.722	3246.928	3264.875
[35449]	3406.902	3338.491	3269.209	3256.604	3266.640	3217.619	3376.427	3138.408
[35457]	3137.478	3440.130	3069.677	3094.516	3414.368	3131.385	3306.186	3140.855
[35465]	3226.147	3295.908	3411.647	3027.772	3346.697	3314.004	3275.718	3213.668
[35473]	3423.025	3444.551	3366.786	3416.750	3143.115	3246.720	3029.759	3500.407
[35481]	3499.276	3013.639	3118.196	3282.018	3205.880	3382.965	3385.299	3369.034
[35489]	3298.580	3219.926	3334.419	3333.398	3214.612	3210.436	3303.092	3222.215
[35497]	3328.608	3229.115	3125.521	3276.548	3286.320	3325.307	3237.233	3284.528
[35505]	3440.690	3313.583	3223.556	3321.499	3188.394	3341.737	3204.233	3234.304
[35513]	3322.872	3317.775	3447.535	3426.230	3052.028	3464.868	2966.569	3083.088
[35521]	3329.400	3179.448	3281.478	3229.373	3288.025	3204.878	3453.789	3262.420
[35529]	2949.724	3538.030	3419.855	3557.775	3212.774	3268.654	3201.788	3332.766
[35537]	3201.450	3456.575	3021.782	3367.596	3090.069	3202.251	3247.687	3252.046
[35545]	3099.071	3171.260	3178.576	3368.370	3423.204	3112.583	3178.445	3198.832
[35553]	3269.344	3156.448	3193.498	3181.967	3084.448	3240.678	3363.434	3222.427
[35561]	3350.420	3304.394	3143.857	3159.621	3184.048	3136.565	3264.001	3296.799
[35569]	3316.194	3168.741	3222.138	3228.155	3224.982	3316.780	3308.840	3231.686
[35577]	3229.071	3288.565	3296.463	3310.112	3358.363	3086.158	2924.125	3071.423
[35585]	3468.698	3428.585	3143.604	3081.343	3127.699	3371.154	3156.885	3386.188
[35593]	3455.033	3060.716	3065.040	3426.824	3149.013	3319.337	3249.761	3412.061
[35601]	3135.018	3261.121	3344.875	3380.754	3282.879	3234.695	3320.796	3200.466
[35609]	3262.468	3317.934	3183.856	3232.927	3318.180	3212.899	3290.960	3237.984
[35617]	3204.404	3337.983	3174.276	3534.127	3133.268	3338.510	3195.023	3244.750
[35625]	3522.266	3420.556	3132.017	3180.661	3332.610	3201.770	3250.862	3156.224
[35633]	3367.924	3161.771	3441.558	3457.084	3211.449	3368.805	3347.306	3233.286
[35641]	3233.139	3343.074	3317.675	3330.618	3295.802	3380.832	3123.839	3165.770
[35649]	3359.181	3378.439	3282.495	3418.969	3351.642	3329.235	3320.134	3178.833

[35657]	3346.038	3324.706	3229.090	3142.353	3197.466	3292.774	3299.831	3389.906
[35665]	3132.352	3110.045	3360.968	3247.482	3263.727	3426.370	3293.169	3249.771
[35673]	3001.816	3421.450	3008.274	3345.976	3378.748	3091.065	3460.556	3071.581
[35681]	3308.476	3384.885	3250.418	3239.228	3168.645	3151.161	3338.276	3331.505
[35689]	3448.911	3307.621	3362.396	3373.036	3385.046	3371.761	3304.106	3222.933
[35697]	3264.931	3376.461	3265.394	3045.056	3441.524	2962.444	2993.468	3520.849
[35705]	3510.113	3063.062	3047.761	3127.250	3501.236	3267.527	3030.529	3024.794
[35713]	3478.338	3036.403	3190.368	3205.699	3302.842	3435.374	3353.000	3209.178
[35721]	3156.702	3264.832	3338.400	3338.344	3191.238	3297.625	3343.070	3186.169
[35729]	3256.416	3211.008	3221.241	3436.047	3053.763	3077.982	3319.326	3452.106
[35737]	3045.628	3183.435	3248.594	3361.612	3127.857	3351.359	3275.755	3231.927
[35745]	3238.823	3229.071	3229.064	3348.455	3175.440	3159.168	3235.381	3273.816
[35753]	3154.477	3226.392	3325.489	3039.255	3155.804	3222.146	3441.484	3341.702
[35761]	3320.025	3271.172	3463.460	3032.951	3064.213	3015.455	3197.871	3345.164
[35769]	3244.961	3323.302	3233.648	3293.020	3183.442	3317.424	3351.473	3206.867
[35777]	3318.067	3298.259	3196.044	3230.194	3205.799	3166.039	3365.966	2937.557
[35785]	3217.601	3324.431	3194.211	3247.626	3184.329	3333.145	3305.410	3281.620
[35793]	3235.605	3241.554	3282.826	3305.108	3354.286	3211.143	3124.700	3409.031
[35801]	3314.219	3420.511	3327.962	3383.651	3436.388	3202.480	3078.560	3185.512
[35809]	3235.403	3312.098	3212.275	3180.500	3326.830	3261.867	3267.134	3519.528
[35817]	3263.290	3160.721	3022.988	3371.372	3327.988	3247.729	3268.489	3307.256
[35825]	3168.669	3395.516	3181.429	3293.141	3272.741	3227.123	3232.301	3188.626
[35833]	3450.012	3065.357	3141.589	3358.889	3358.889	3053.360	3184.343	3402.170
[35841]	3464.863	3328.827	3043.189	3279.645	3234.821	3243.544	3164.267	3468.829
[35849]	3070.443	3395.187	3453.231	3265.470	3217.874	3272.875	3440.835	3503.517
[35857]	3516.610	3478.116	3059.672	3486.786	3299.229	3180.915	3289.682	3232.423
[35865]	3301.103	3247.048	3160.210	3170.896	3015.272	3192.984	3323.870	3239.912
[35873]	3306.005	3479.723	3413.031	3465.246	3380.408	3300.684	3340.633	3180.371
[35881]	3094.960	3082.938	3385.107	2962.471	2980.765	3057.798	3335.249	3146.603
[35889]	3094.010	3313.167	3275.751	3147.069	3260.557	3375.243	3145.095	3121.725
[35897]	3340.533	3172.179	3374.395	3233.522	3264.187	3245.307	3326.653	3305.956
[35905]	3302.391	3310.838	3222.334	3170.364	3211.118	3195.139	3306.049	3216.987
[35913]	3255.907	3023.660	3501.688	2980.920	3508.950	3381.496	3285.548	3214.197
[35921]	3300.637	3330.802	3249.000	3507.505	3032.194	3368.641	3114.277	3420.801
[35929]	3386.844	3145.256	3301.877	3264.866	3343.555	2948.754	3106.122	3385.245
[35937]	3359.346	3277.460	3237.895	3411.529	3145.585	3298.120	3325.094	3225.255
[35945]	3363.251	3223.753	3294.198	3268.569	3243.035	3282.268	3244.148	3211.338
[35953]	3229.583	3169.969	3118.762	3153.680	3180.368	3319.835	3343.241	3189.760
[35961]	3373.254	3294.901	3306.017	3340.532	3164.611	3233.122	3223.585	3190.956
[35969]	3230.674	3230.912	3233.975	3240.899	3111.375	3089.584	3155.098	3192.415
[35977]	3289.599	3332.503	3281.851	3304.777	3404.795	3098.066	3148.574	3358.704
[35985]	3312.060	3205.058	3323.005	3478.059	3373.074	3182.296	3342.653	3268.161
[35993]	3272.441	3215.064	3345.287	3096.399	3382.727	3371.793	3335.225	3458.616

[36001]	3534.120	3518.223	2992.993	2989.383	3082.465	3171.698	3250.899	3373.632
[36009]	3272.638	3190.138	3208.876	3231.795	3243.543	3267.339	3293.467	3198.633
[36017]	3307.679	3256.578	3199.512	3163.976	3463.272	3134.382	3027.142	3140.554
[36025]	3142.415	2980.775	3426.069	3225.259	3221.154	3222.045	3191.718	3357.749
[36033]	3405.135	3257.463	3196.845	3246.043	3121.017	3083.641	3210.200	3093.757
[36041]	3277.212	3081.312	3451.509	3147.871	3103.487	3304.774	3240.095	3227.647
[36049]	3327.336	3256.619	3306.841	3343.237	3246.302	3261.176	3200.606	3119.454
[36057]	3216.248	3307.310	3308.327	3235.159	3386.606	3136.651	3143.307	3153.630
[36065]	3253.374	3206.915	3281.666	3409.832	3138.375	3212.572	3318.516	3324.964
[36073]	3223.352	3285.775	3244.203	3234.464	3338.502	3210.086	3337.829	3193.413
[36081]	3265.579	3351.290	3259.654	3224.846	3272.188	3249.313	3393.062	3348.420
[36089]	3242.855	3002.002	3240.247	3188.392	3157.471	3333.648	3167.718	3226.275
[36097]	3259.738	3408.808	3256.838	3188.404	3197.777	3172.306	3189.177	3320.431
[36105]	3184.433	3306.192	3298.288	3245.589	3194.589	3361.496	3298.519	3311.637
[36113]	3161.275	3225.034	3366.144	3333.457	3478.767	3510.041	3487.574	3040.602
[36121]	3037.393	3493.073	3170.549	3147.047	3300.329	3151.070	3382.720	3135.093
[36129]	3262.330	3427.969	3433.205	3400.132	3127.406	3280.922	3372.213	3225.496
[36137]	3217.928	3378.495	3465.095	3118.070	3376.208	3148.163	3270.374	3348.585
[36145]	3224.967	3305.310	3081.874	3339.021	3192.283	3308.734	3434.484	3137.871
[36153]	3460.527	3399.089	3386.679	3373.854	3247.394	3197.276	3220.851	3308.793
[36161]	3309.205	3239.418	3321.971	3313.859	3304.643	3295.769	3083.115	3257.220
[36169]	3224.314	3391.785	3164.724	3318.969	3179.135	3384.097	3059.003	3155.584
[36177]	3278.843	3262.024	3216.124	3328.986	3243.285	3215.289	3309.389	3165.112
[36185]	3360.887	3164.426	3277.264	3198.193	3319.235	3131.391	3126.206	3325.147
[36193]	3236.234	3277.647	3337.449	3183.758	3258.631	3268.029	3354.077	3236.128
[36201]	3399.095	3209.645	3266.065	3231.674	3136.252	3158.645	3121.799	3375.933
[36209]	3460.415	3472.851	3146.782	3112.237	3091.825	3302.122	3234.343	3149.572
[36217]	2994.358	3225.760	3314.547	3032.879	3218.858	3185.556	3166.139	3375.722
[36225]	3228.582	3297.460	3328.479	3193.019	3350.556	3355.888	3369.475	3348.571
[36233]	3258.956	3256.701	3272.989	3131.141	3112.108	3123.472	3207.121	3234.578
[36241]	3238.039	3153.578	3080.348	3210.330	3286.339	3298.994	3495.077	3013.416
[36249]	2993.772	3094.893	3158.999	3385.708	3237.162	3150.156	3073.357	3002.767
[36257]	3358.387	3343.613	3248.897	3372.184	3494.094	3025.701	3121.170	3123.914
[36265]	3261.360	3243.750	3243.750	3172.875	3265.447	3249.332	3291.908	3341.495
[36273]	3365.810	3221.646	3268.057	3380.071	3124.985	3103.073	3081.082	3081.693
[36281]	3415.186	3286.226	3187.761	3377.023	3462.912	3106.092	3227.904	3174.604
[36289]	3321.055	3328.871	3364.931	3412.663	3094.184	3393.190	3028.152	3185.252
[36297]	3160.326	3331.236	3170.329	3283.808	3199.926	3131.669	3213.396	3340.661
[36305]	3199.371	3378.651	3200.844	3241.901	3274.517	3438.860	3106.046	3290.337
[36313]	3104.670	3376.672	3432.383	3238.521	3444.531	3109.453	3411.918	3119.040
[36321]	3359.265	3172.157	3100.579	3214.501	3161.899	3371.549	3330.767	3453.299
[36329]	3225.461	3155.655	3102.080	3165.693	3232.604	3308.985	3402.320	3089.253
[36337]	3414.540	3520.647	3590.478	3609.802	3048.596	2861.536	2890.716	2807.882

[36345]	2980.224	3489.854	3314.920	3309.783	3331.978	3264.886	3322.865	3086.822
[36353]	3026.487	3155.820	3145.864	3102.952	3189.893	3125.219	3317.473	3244.689
[36361]	3175.791	3203.215	3318.933	3232.398	3297.684	3119.946	3174.332	3404.904
[36369]	3201.664	3118.969	3336.369	3401.198	3219.220	3239.543	3093.970	3328.323
[36377]	3299.554	3224.952	3279.842	3196.582	3244.934	3208.540	3315.269	3332.669
[36385]	3415.369	3316.436	3228.457	3294.742	3331.033	3173.970	3337.756	3414.026
[36393]	3289.468	3307.462	3083.336	3155.998	3248.814	3220.235	3319.647	3224.036
[36401]	3165.368	3172.922	3354.241	3234.939	3189.060	3243.754	3317.201	3205.881
[36409]	3318.571	3202.539	3489.439	3594.722	2980.795	3035.048	3473.815	3325.318
[36417]	3338.066	3278.461	3271.632	3223.471	3300.716	3305.036	3072.125	3366.691
[36425]	3150.810	3252.086	3431.468	3174.071	3189.325	3341.425	3213.296	3128.134
[36433]	3209.064	3347.055	3502.034	3181.434	3338.442	3335.483	3169.515	3321.257
[36441]	3360.031	3228.877	3315.381	3172.219	3371.073	3212.138	3221.194	3377.475
[36449]	3162.893	3365.898	3141.555	3202.667	3245.319	3287.188	3313.978	3307.456
[36457]	3311.732	3182.702	3274.632	3306.080	3355.972	3185.574	3347.647	3350.590
[36465]	3405.488	3253.952	3218.723	3322.484	3304.253	3259.025	3257.744	3293.270
[36473]	3258.878	3300.140	3236.116	3251.427	3325.194	3332.019	3279.579	3291.176
[36481]	3125.981	3260.629	3267.202	3287.163	3274.557	3295.458	3206.011	3413.348
[36489]	3398.527	3130.694	3305.459	3409.898	3210.781	3210.167	3285.325	3417.321
[36497]	3165.919	3062.284	3244.480	3332.541	3226.861	3290.036	3281.852	3153.772
[36505]	3276.285	3333.245	3250.603	3268.405	3226.500	3282.532	3222.025	3276.438
[36513]	3176.269	3199.415	3050.083	3053.315	3239.762	3284.247	3268.497	3139.914
[36521]	3360.570	3127.688	3244.433	3340.143	3144.818	3108.738	3416.368	3298.898
[36529]	3144.429	3170.954	3334.194	3184.526	3366.735	3209.090	3218.478	3252.294
[36537]	3299.396	3298.469	3200.922	3211.297	3304.409	3291.832	3205.085	3694.620
[36545]	3280.449	3339.185	3188.764	3482.116	3416.337	3135.391	3155.411	3193.508
[36553]	3295.409	3324.919	3076.065	3333.921	3275.529	3252.554	3208.546	3260.365
[36561]	3171.702	3349.811	3197.534	3189.626	3226.282	3236.912	3150.927	3285.030
[36569]	3205.077	3140.593	3100.514	3142.315	3211.294	3312.641	3163.368	3248.252
[36577]	3203.561	3251.606	3270.480	3378.432	3148.330	3066.448	3355.324	3291.769
[36585]	3103.651	3106.507	3195.695	3160.520	3275.105	3237.035	3222.860	3216.966
[36593]	3526.039	3309.353	3337.162	3393.133	3171.226	3178.475	3259.056	3123.847
[36601]	3154.453	3557.552	3349.610	3218.188	3296.418	3339.005	3305.434	3090.406
[36609]	3336.141	3348.004	3116.165	3399.881	3452.172	3377.354	3350.428	3322.682
[36617]	3241.029	3262.058	3302.356	3392.860	3201.640	3202.874	3231.429	3103.490
[36625]	3163.430	3411.327	3103.869	3418.001	3123.728	3322.428	3220.110	3288.523
[36633]	3488.263	3451.013	3341.611	3348.229	3314.670	3361.295	3167.569	3443.382
[36641]	3528.132	3554.666	3413.328	3285.352	3188.393	3238.670	3316.250	3221.971
[36649]	3278.647	3327.680	3333.598	3241.969	3277.579	3288.927	3306.119	3292.586
[36657]	3391.257	3107.290	3403.647	3375.913	3195.040	3400.077	3463.203	3377.162
[36665]	3156.994	3184.942	3368.806	3195.095	3192.345	3346.138	3230.902	3213.802
[36673]	3190.067	3201.058	3452.351	3308.644	3143.925	3242.237	3184.198	3261.213
[36681]	3173.775	3165.075	3282.610	3137.663	3110.803	3398.397	3389.935	3375.886

[36689]	3222.575	3221.848	3449.646	3324.714	2965.594	3521.094	3326.651	3327.426
[36697]	3282.049	3446.534	3128.263	3378.575	3177.837	3285.151	3252.574	3300.948
[36705]	3279.713	3238.268	3252.458	3280.663	3223.577	3287.864	3298.172	3217.564
[36713]	3240.570	3271.698	3341.758	3513.894	3114.254	2978.223	3034.052	3309.719
[36721]	3221.661	3285.689	3302.699	3283.588	3228.621	3282.465	3011.667	3529.569
[36729]	3168.698	3139.008	3128.153	3598.973	3332.150	3086.141	3256.728	3225.867
[36737]	3286.466	3247.974	3247.442	3270.031	3395.309	3394.777	3373.645	3384.221
[36745]	3306.099	3075.843	3230.825	3143.602	3294.288	3289.897	3296.826	3202.425
[36753]	3394.365	3170.543	3378.691	3057.720	3287.438	3201.355	3336.513	3235.369
[36761]	3173.610	3346.252	3359.991	3351.401	3493.175	3232.191	3279.750	3228.545
[36769]	3227.901	3219.647	3106.623	3120.414	3311.858	3248.317	3292.214	3226.373
[36777]	3306.870	3328.784	3239.021	3130.984	3269.360	3328.007	3194.468	3429.502
[36785]	3099.211	3110.592	3008.218	3070.443	3453.231	3370.100	3423.674	3281.335
[36793]	3366.225	3207.788	3481.681	3163.614	3428.010	3070.341	3096.317	3099.877
[36801]	3361.046	3298.916	3269.951	3397.896	3165.386	3162.699	3225.798	3281.805
[36809]	3116.797	3230.838	3527.592	3483.272	3306.757	3375.159	3275.340	3225.432
[36817]	3298.022	3247.144	3195.922	3092.351	3211.605	3221.300	3601.208	2926.459
[36825]	3126.077	3155.293	3370.719	3121.982	3139.057	3341.173	3202.994	3126.216
[36833]	3125.643	3200.431	3342.169	3122.188	3420.594	3263.525	3293.502	3278.779
[36841]	3195.135	3180.155	3089.547	3389.157	3228.557	3287.458	3289.580	3360.814
[36849]	3277.223	3205.167	3117.843	3428.617	3333.244	3168.152	3272.617	3415.718
[36857]	3110.458	3284.598	3224.298	3195.000	3321.345	3217.885	3339.357	3154.461
[36865]	3321.344	3198.191	3157.985	3160.297	3219.070	3189.830	3327.910	3184.370
[36873]	3169.223	3308.336	3347.869	3196.516	3199.614	3454.157	3209.847	3282.413
[36881]	3265.474	2830.930	3311.507	3251.639	3173.988	3182.106	3060.922	3284.449
[36889]	3357.323	3212.635	3199.824	3242.110	3324.629	3241.229	3220.820	3355.575
[36897]	3242.345	3231.222	3225.153	3341.409	3338.102	3090.873	3308.493	3357.171
[36905]	3026.367	3056.018	3385.304	3134.990	3158.705	3196.223	3158.977	3188.023
[36913]	3409.602	3296.378	3334.360	3345.704	3394.958	3236.013	3204.959	3334.181
[36921]	3419.234	3371.662	3228.016	3293.723	3387.611	3217.323	3278.155	3149.411
[36929]	3229.671	3277.034	3315.736	3289.014	3313.369	3153.069	3192.140	3091.399
[36937]	3396.504	3401.246	3021.928	3040.048	3448.137	3109.033	3307.581	3203.060
[36945]	3193.365	3346.416	3372.917	3365.258	3414.007	3186.930	3322.284	3180.704
[36953]	3191.183	3199.097	3203.752	3139.691	3397.376	3173.820	3283.626	3052.333
[36961]	3043.570	3138.356	3378.123	3427.290	3394.818	3031.876	3410.386	3380.324
[36969]	3074.123	3332.344	3244.915	3250.000	3267.957	3160.586	3325.460	3182.457
[36977]	3163.892	3210.007	3434.649	3450.047	3007.248	3144.066	3440.511	3216.155
[36985]	3381.186	3314.508	3213.530	3175.043	3227.472	3306.012	3366.301	3255.187
[36993]	3270.580	3142.583	3379.224	3320.986	3229.636	3156.201	3332.416	3189.199
[37001]	3200.305	3306.451	3230.038	3335.567	3140.537	3423.061	3314.645	3213.269
[37009]	3089.007	3318.100	3135.060	3312.831	3304.446	3231.820	3168.404	3116.284
[37017]	3395.412	3239.604	3417.965	3143.792	3156.757	3089.135	3205.161	3199.219
[37025]	3193.175	3205.629	3217.795	3313.905	3272.989	3261.532	3089.398	3133.431



[37033]	3094.621	3151.354	3271.198	3246.213	3163.685	3189.782	3205.472	3289.822
[37041]	3376.562	3228.028	3209.986	3320.746	3203.123	3172.503	3214.138	3152.117
[37049]	3398.926	3122.410	3123.703	3285.808	3226.687	3191.709	3211.338	3195.865
[37057]	3217.471	3140.216	3381.864	3179.081	3303.578	3242.200	3237.773	3305.756
[37065]	3207.627	3262.080	3260.482	3267.173	3289.590	3316.649	3414.364	3169.190
[37073]	3078.200	3119.974	3089.000	3203.456	3357.787	3264.112	3440.280	3312.389
[37081]	3164.611	3235.153	3155.123	3224.634	3237.302	3272.637	3215.395	3375.660
[37089]	3384.922	3252.358	3268.097	3256.773	3299.876	3418.587	3076.555	3312.808
[37097]	3226.533	3287.702	3220.689	3226.315	3259.542	3335.892	3346.172	3270.397
[37105]	3228.702	3445.113	3136.467	3207.049	3110.503	3253.840	3171.069	3213.458
[37113]	3300.138	3286.219	3287.147	3426.849	3329.578	3187.508	3251.048	3103.880
[37121]	3205.369	3259.194	3251.276	3221.601	3263.751	3255.311	3336.650	3215.627
[37129]	3217.547	3360.600	3167.423	3061.833	3244.406	3276.755	3220.864	3206.480
[37137]	3168.764	3399.931	3432.425	3369.189	3259.523	3271.382	3103.357	3204.777
[37145]	3278.604	3395.575	3149.549	3360.268	3340.947	3286.158	3196.481	3203.960
[37153]	3325.716	3205.936	3237.942	3255.960	3171.419	3428.447	3246.288	3254.769
[37161]	3319.019	3245.157	3243.379	3417.414	3123.081	3244.268	3050.993	3131.620
[37169]	3196.167	3331.503	3349.005	3201.652	3334.942	3382.693	3190.298	3236.983
[37177]	3166.367	3428.194	3331.588	3217.399	3327.764	3273.649	3250.722	3370.469
[37185]	3205.692	3213.653	3204.084	3511.213	3422.654	3136.204	3130.785	3447.366
[37193]	3364.961	3325.577	3319.598	3123.988	3278.692	3271.594	3282.223	3213.275
[37201]	3334.955	3391.018	3351.713	3175.344	3300.599	3081.916	3106.239	3392.865
[37209]	3194.569	3155.190	3138.577	3112.707	3200.338	3305.457	3143.344	3145.482
[37217]	3371.739	3269.406	3235.642	3125.602	3306.443	3317.346	3207.578	3421.745
[37225]	3105.449	3167.690	3334.521	3096.061	3229.899	3155.874	3276.756	3381.646
[37233]	3383.252	3306.733	3086.794	3433.873	3403.284	3293.937	3199.587	3198.248
[37241]	3290.903	3361.999	3430.112	3301.311	3166.009	3351.222	3237.145	3170.338
[37249]	3185.607	3376.038	3237.526	3233.471	3492.357	3196.510	3275.711	3249.402
[37257]	3263.211	3310.747	3293.112	3163.871	3306.131	3326.237	3089.576	3398.418
[37265]	3288.892	3193.842	3217.492	3194.002	3244.973	3279.217	3189.761	3275.735
[37273]	3172.993	3299.676	3240.000	3188.816	3132.062	3089.400	3109.069	3157.137
[37281]	3292.844	3339.711	3263.797	3257.412	3547.905	2969.778	2982.463	3041.331
[37289]	3479.478	3213.711	3202.442	3456.196	3146.558	3172.072	3335.973	3197.496
[37297]	3250.627	3019.256	3472.638	3186.922	3307.535	3255.445	3387.683	3498.129
[37305]	3237.446	3212.147	3224.800	3208.616	3352.794	3401.998	3350.163	3295.484
[37313]	3106.950	3416.030	3268.744	3150.724	3228.844	3241.797	3265.152	3140.316
[37321]	3284.611	3282.099	3108.387	3374.074	3101.130	3134.342	3368.303	3213.115
[37329]	3187.244	3269.795	3310.824	3187.327	3221.349	3287.816	3256.705	3312.576
[37337]	3409.098	3133.537	3371.018	3126.003	3412.036	3109.087	3216.486	3396.440
[37345]	3145.620	3401.206	3286.906	3227.985	3308.659	3183.741	3325.211	3187.595
[37353]	3250.919	3184.665	3424.938	3391.026	3068.714	3272.159	3246.398	3280.737
[37361]	3257.647	3325.407	3394.545	3115.513	3302.357	3379.489	3143.222	3420.921
[37369]	3428.255	3087.469	3354.799	3422.799	3412.227	3113.423	3432.002	3455.401

[37377]	3029.499	3057.878	3230.552	3225.500	3281.786	3148.569	3316.972	3323.252
[37385]	3231.194	3341.837	3308.097	3210.779	3287.209	3248.470	3174.595	3365.139
[37393]	3399.898	3307.964	3242.444	3360.821	3415.099	3202.213	3408.162	3297.611
[37401]	3202.347	3179.300	3339.422	3142.449	3377.268	3325.021	3274.172	3259.113
[37409]	3257.630	3456.133	3443.895	3126.487	3353.180	3318.699	3260.875	3341.221
[37417]	3195.126	3219.731	3417.263	3256.433	3094.660	3263.512	3292.782	3265.765
[37425]	3253.092	3245.369	3258.531	3284.651	3245.637	3303.425	3166.978	3200.834
[37433]	3040.687	3435.785	3488.799	3147.897	3349.844	3211.017	3261.180	3275.684
[37441]	3179.636	3045.894	3284.882	3390.525	3427.950	3423.440	3167.650	3380.483
[37449]	3390.726	3350.500	3143.332	3211.635	3203.553	3346.390	3161.434	3292.178
[37457]	3155.105	3040.912	3153.570	3381.551	3188.309	3365.202	3336.463	3171.740
[37465]	3502.688	3432.693	3490.824	3524.717	3506.646	3501.600	3406.261	3235.958
[37473]	3311.116	3328.269	3136.064	3216.862	3346.532	3273.523	3278.216	3362.611
[37481]	3398.688	3376.987	3406.308	3421.461	3205.784	3323.686	3477.096	3460.560
[37489]	2961.632	3377.706	3377.845	3164.121	3251.937	3321.328	3206.537	3345.470
[37497]	3287.002	3245.574	3213.122	3223.811	3018.791	3191.387	3284.712	3140.471
[37505]	3288.459	3180.272	3316.907	3296.054	3265.548	3297.790	3288.324	3323.550
[37513]	3199.225	3237.055	3244.872	3278.221	3165.209	3341.333	3087.970	3182.178
[37521]	3294.434	3302.507	3372.057	3101.760	3110.093	3107.835	3389.165	3410.096
[37529]	3283.560	3415.202	3219.642	3185.164	3262.364	3229.494	3196.645	3176.001
[37537]	3369.731	3333.128	3104.210	3058.171	3442.349	3307.952	3181.045	3068.543
[37545]	3146.095	3361.422	3292.376	3230.862	3242.286	3434.947	3283.600	3307.565
[37553]	3362.078	3220.856	3279.983	3284.549	3214.145	3242.471	3240.530	3170.120
[37561]	3264.806	3468.316	3043.257	3219.080	3044.494	3180.798	3229.137	3233.835
[37569]	3230.724	3297.702	3233.288	3290.483	3218.010	3260.639	3340.837	3043.430
[37577]	3161.133	3266.591	3323.507	3219.593	3311.474	3306.861	3063.133	3059.960
[37585]	3050.390	3272.778	3204.811	3261.234	3404.756	3127.784	3130.090	3162.359
[37593]	3112.890	3405.325	3201.161	3422.036	3136.046	3192.870	3244.595	3384.746
[37601]	3374.888	3121.268	3125.415	3357.054	3281.974	3330.514	3330.150	3158.650
[37609]	3195.307	3256.849	3288.077	3356.069	3330.028	3318.005	3278.243	3146.346
[37617]	3358.644	3475.853	3454.231	3049.823	3437.311	3053.604	3100.697	3270.040
[37625]	3352.334	3308.133	3215.170	3338.396	3202.329	3156.175	3297.891	3196.487
[37633]	3390.473	3336.471	3196.173	3331.483	3297.632	3124.341	3359.383	3178.261
[37641]	3199.723	3322.649	3180.894	3444.820	3376.252	3126.649	3061.615	3039.415
[37649]	3297.813	3189.546	3342.898	3319.426	3213.354	3157.373	3156.427	3344.449
[37657]	3353.849	3347.882	3367.078	3148.610	3151.487	3341.385	3339.359	3258.322
[37665]	3249.213	3316.573	3149.547	3340.281	3293.623	3234.799	3316.793	3152.787
[37673]	3099.959	3325.354	3237.112	3280.023	3315.147	3180.288	3291.200	3243.164
[37681]	3216.209	3281.764	3227.762	3222.749	3417.716	3212.275	3200.596	3353.308
[37689]	3309.056	3325.067	3299.749	3349.978	3367.307	3321.431	3232.833	3217.169
[37697]	3110.137	3076.507	3333.842	3171.963	3175.384	3257.586	3359.795	3159.466
[37705]	3242.334	3274.055	3371.830	3420.374	3408.938	3531.642	3367.253	3387.466
[37713]	3171.204	3230.789	3345.314	3183.462	3178.702	3164.791	3195.655	3329.006

[37721]	3149.830	3092.302	3169.145	3221.157	3330.633	3376.934	3289.122	3256.815
[37729]	3227.768	3340.634	3160.149	3251.707	3066.921	3327.989	3183.538	3109.324
[37737]	3266.147	3260.695	2914.361	2964.673	2964.531	2945.724	3449.466	3496.036
[37745]	3108.143	3469.765	3483.062	3487.578	3416.231	3298.511	3306.768	3424.612
[37753]	3345.589	3325.673	3283.341	3296.534	3213.536	3257.437	3192.545	3287.201
[37761]	3133.826	3253.084	3171.554	3333.107	3083.683	3185.750	3240.485	3227.799
[37769]	3213.052	3215.716	3338.490	3176.603	3391.788	3366.375	3149.502	3389.914
[37777]	3192.555	3419.604	3169.046	3229.544	3309.364	3316.145	3275.895	3292.514
[37785]	3138.473	3329.342	3161.153	3118.112	3384.327	3344.585	3096.134	3110.803
[37793]	3239.565	3361.035	3261.888	3109.942	3080.435	3001.520	3251.819	3370.837
[37801]	3212.699	3258.686	3120.111	3364.430	3275.536	3261.304	3408.242	3371.478
[37809]	3322.796	3226.431	3305.573	3177.456	3269.664	3318.514	3239.093	3375.415
[37817]	3122.418	3212.050	3467.218	3072.189	3512.969	3532.672	3109.515	3097.533
[37825]	3177.543	3294.966	3343.679	3189.776	3331.247	3053.989	3520.783	3050.732
[37833]	3359.787	3141.952	3216.372	3418.469	3100.001	3263.203	3351.409	3139.030
[37841]	3264.192	3273.700	3109.074	3298.089	3221.393	3353.267	3250.191	3275.037
[37849]	3136.934	3321.474	3302.540	3076.698	3287.815	3454.979	3419.649	3356.760
[37857]	3203.708	3411.719	3416.777	3119.198	3289.607	3282.500	3149.518	3204.076
[37865]	3216.848	3193.555	3043.779	3478.808	3345.641	3101.319	3342.236	3038.056
[37873]	3310.314	3289.894	3372.730	3380.995	3182.905	3094.788	3176.371	3117.326
[37881]	3290.057	3518.214	3320.650	3281.683	3296.367	3195.814	3195.814	3305.011
[37889]	3271.226	3335.094	3401.390	3194.696	3182.368	3336.317	3372.083	3211.700
[37897]	3257.520	3218.290	3144.554	3407.814	3186.931	3212.967	3304.988	3149.527
[37905]	2999.635	3303.966	3155.763	3453.829	3549.834	3301.561	3313.826	3343.924
[37913]	3163.971	3293.115	3195.003	3535.231	3554.270	3299.469	3257.269	3302.431
[37921]	3231.826	3220.306	3220.157	3318.962	3308.814	3478.232	3383.651	3270.557
[37929]	3285.768	3254.090	3316.601	3346.753	3285.264	3253.229	3394.900	3202.672
[37937]	3420.621	3303.854	3306.977	3197.647	3187.823	3169.357	3216.942	3204.859
[37945]	3205.525	3356.990	3500.211	3062.975	3364.887	3373.794	3112.282	3444.856
[37953]	3377.432	3157.098	3245.928	3268.402	3313.426	3027.315	3450.549	3309.126
[37961]	3209.397	3163.342	3289.031	3220.629	3231.919	3238.402	3095.940	3449.170
[37969]	3340.178	3300.074	3198.670	3261.649	3268.069	3265.520	3270.975	3197.812
[37977]	3157.361	3353.526	3261.258	3256.236	3201.287	3168.236	3155.828	3393.440
[37985]	3121.459	3496.254	3010.714	3363.996	3261.318	3076.559	3118.277	3222.377
[37993]	3303.481	3258.692	3317.616	3452.331	3097.996	3404.311	3207.491	3259.609
[38001]	3254.032	3308.598	3372.006	3429.117	3279.095	3191.688	3190.172	3321.978
[38009]	3151.437	3209.967	3221.834	3241.020	3330.330	3356.005	3272.882	3270.343
[38017]	3239.956	3225.362	3305.570	3408.098	3209.227	3344.280	3463.772	3384.095
[38025]	3199.937	3220.630	3237.010	3289.068	3245.778	3345.979	3420.081	3073.381
[38033]	3105.508	3355.515	3124.899	3404.198	3428.426	3434.397	3209.786	3211.225
[38041]	3386.525	3278.845	3388.990	3319.800	3235.836	3272.959	3195.470	3263.370
[38049]	3243.533	3148.822	3585.859	3264.012	3142.856	3395.589	3174.462	3381.115
[38057]	3133.234	3173.637	3172.064	3308.679	3258.594	3269.570	3329.607	3318.065

[38065]	3420.251	3276.832	3231.553	3227.811	3339.128	3256.289	3344.715	3278.630
[38073]	3347.713	3298.059	3176.801	3276.880	3260.516	3248.868	3084.631	3026.663
[38081]	3384.919	3155.440	3315.793	3434.811	3508.111	3040.948	3268.062	3326.149
[38089]	3197.143	3367.465	3454.248	3383.741	3048.070	3217.586	3258.237	3301.269
[38097]	3037.002	3030.384	3190.781	3195.610	3320.449	3243.925	3213.083	3241.856
[38105]	3168.413	3413.982	3461.330	3024.756	3046.064	3061.171	3158.335	3151.027
[38113]	3230.559	3138.722	3264.946	3250.589	3156.930	3268.631	3264.725	3241.665
[38121]	3255.611	3266.197	3336.789	3208.881	3341.550	3140.313	3513.693	3412.073
[38129]	3487.192	3165.444	3309.987	3110.903	3106.591	3189.513	3152.270	2992.792
[38137]	3174.710	3347.145	3322.712	3199.315	3290.061	3304.892	3224.218	3523.863
[38145]	3003.326	3179.833	3473.017	2970.558	3233.195	3254.184	3197.481	3285.384
[38153]	3234.396	3309.417	3536.577	3600.702	3381.367	3379.830	3309.327	3263.016
[38161]	3209.230	3256.698	3220.624	3265.617	3299.629	3305.187	3237.594	3257.203
[38169]	3505.002	3047.565	3423.056	3110.485	3101.980	3133.400	3281.122	3340.096
[38177]	3157.264	3383.186	3380.186	3215.127	3333.858	3539.052	3276.626	3235.769
[38185]	3218.098	3156.530	3119.453	3297.541	3211.099	3258.692	3179.533	3341.095
[38193]	3278.515	3422.859	3285.800	3318.289	3302.560	3203.605	3233.386	3472.103
[38201]	3397.457	3232.460	3275.928	3214.888	3237.661	3250.290	3410.266	3388.990
[38209]	2949.146	3029.027	3292.288	3318.433	3301.107	3330.341	3290.962	3237.634
[38217]	3275.512	3342.662	3196.095	3342.468	3121.284	3417.037	3201.335	3095.174
[38225]	3094.530	3473.138	3455.433	3264.652	3160.386	3368.080	3137.108	3132.210
[38233]	3423.724	3303.473	3244.931	3218.709	3361.126	3146.369	3246.159	3279.261
[38241]	3200.378	3378.964	3388.178	3173.176	3338.038	3235.070	3201.988	3621.355
[38249]	3500.087	3268.844	3462.326	3461.280	3210.913	3149.357	3177.247	3316.082
[38257]	3266.818	3249.077	3280.975	3140.081	3318.135	3195.169	3082.403	3403.869
[38265]	3392.429	3231.245	3190.273	3406.344	3419.474	3230.820	3315.427	3235.819
[38273]	3448.958	3234.983	3244.849	3282.062	3498.438	3340.711	3154.359	3306.707
[38281]	3143.274	3236.094	3156.618	3143.664	3385.971	3202.697	3067.468	3072.010
[38289]	3065.362	3131.927	3281.469	3142.133	3383.848	3286.731	3185.885	3189.050
[38297]	3346.319	3238.705	3178.854	3234.485	3417.493	3554.600	2973.954	2941.650
[38305]	2914.698	3253.095	3115.086	3038.503	3113.573	3214.993	3287.268	3404.086
[38313]	3117.016	3286.887	3019.365	3422.921	3348.716	3184.976	3523.381	3130.959
[38321]	3460.657	3172.417	3370.902	3154.608	3229.921	3051.171	3469.205	3446.274
[38329]	3063.944	3255.263	3185.705	3428.950	3592.910	3347.217	3193.119	3325.641
[38337]	3352.034	3169.072	3343.706	3369.998	3119.079	3393.166	3073.920	3254.543
[38345]	3181.714	3233.751	3206.834	3440.595	3556.710	2991.922	3223.166	3283.330
[38353]	3392.998	3177.566	3465.512	3170.180	3228.492	3469.837	3561.661	3351.660
[38361]	3383.147	3278.163	3208.565	3174.312	3135.955	3210.914	3296.470	3226.364
[38369]	3056.529	3083.570	3130.218	3371.106	3437.032	3431.438	3232.806	3258.721
[38377]	3220.793	3192.298	3363.537	3179.224	3155.445	3297.432	3162.981	3095.192
[38385]	3479.113	3095.070	3310.673	3159.262	3149.905	3421.652	3159.565	3274.218
[38393]	3363.414	3269.176	3227.205	3154.481	3190.571	3298.921	3275.927	3106.449
[38401]	3352.258	3357.058	3129.208	3380.687	3310.175	3120.628	3324.263	3274.128

[38409]	3191.966	3285.775	3231.184	3244.037	3035.460	3064.167	3035.494	3319.973
[38417]	3322.310	3203.968	3283.028	3140.144	3369.479	3319.856	3196.932	3383.556
[38425]	3525.216	3594.717	3563.625	3056.891	3550.950	3546.100	3556.822	3526.572
[38433]	3498.363	3142.316	3122.746	3377.895	3269.475	3348.156	3356.939	3276.287
[38441]	3243.570	3225.775	3319.267	3214.862	3346.162	3061.609	3183.870	3361.590
[38449]	3113.748	3143.747	3245.823	3364.721	3233.285	3183.219	3212.017	3426.208
[38457]	3411.208	3102.120	3503.540	3253.179	3269.509	3002.158	3089.742	3444.064
[38465]	3440.999	3388.182	3364.553	3208.280	3479.632	3376.909	3271.032	3072.185
[38473]	3031.545	3251.572	3254.747	3282.642	3221.786	3387.454	3348.363	3298.466
[38481]	3261.375	3248.261	3264.521	3389.010	3205.630	3395.365	3291.821	3253.600
[38489]	3273.285	3243.396	3334.201	3295.610	3475.004	3368.664	3484.933	3031.556
[38497]	3046.278	3091.273	3286.188	3219.609	3292.264	3021.298	3514.279	3189.204
[38505]	3331.736	3242.262	3223.742	3142.286	3314.306	3259.675	3201.536	3215.704
[38513]	3323.029	3180.386	3138.099	3321.096	3084.146	3358.225	3206.963	3292.976
[38521]	3328.106	3526.985	3521.431	3009.090	3532.017	3088.345	3096.954	3086.900
[38529]	3449.801	3285.505	3365.488	3282.462	3289.726	3091.277	3247.719	3345.581
[38537]	3241.568	3360.106	3363.852	3114.607	3108.482	3126.749	3111.199	3334.158
[38545]	3306.972	3154.345	3169.193	3302.875	3229.781	2916.218	3461.834	3131.432
[38553]	3186.680	3205.909	3356.587	3396.908	3371.463	3163.173	3319.686	3396.634
[38561]	3404.956	3282.011	3211.694	3211.228	3195.243	3321.064	3311.706	3228.095
[38569]	3290.899	3265.763	3328.728	3239.303	3257.250	3148.632	3218.436	3159.044
[38577]	3113.491	3334.884	3360.269	3277.897	3313.021	3306.898	3103.171	3185.971
[38585]	3339.315	3160.441	3328.549	3311.883	3305.563	3242.321	3330.205	3194.863
[38593]	3380.561	3320.349	3305.264	3207.995	3198.813	3214.190	3264.672	3292.984
[38601]	3228.693	3365.839	3165.854	3362.246	3216.741	3265.403	3254.110	3276.996
[38609]	3198.300	3400.463	3288.586	3102.917	2973.154	3495.491	3500.944	3192.824
[38617]	3333.684	3268.183	3155.221	3392.880	3174.179	3364.980	3023.643	3489.739
[38625]	3213.636	3013.154	3568.039	3003.864	3407.889	3296.856	3232.683	3216.570
[38633]	3130.789	3183.539	3158.680	3302.052	3221.314	3299.841	3235.937	3225.534
[38641]	3482.045	3434.666	3092.468	3433.783	3071.695	3356.827	3440.405	3491.096
[38649]	3445.535	3367.622	3441.086	3229.049	3279.491	3337.819	3193.615	3326.111
[38657]	3303.911	3217.710	3239.993	3311.384	3210.717	3439.968	3322.433	3173.771
[38665]	3169.773	3348.823	3327.676	3462.411	3203.863	3334.127	3213.647	3197.269
[38673]	3057.771	3264.045	3251.623	3262.880	3251.706	3334.522	3329.315	3333.577
[38681]	3350.074	3301.455	3453.875	3177.693	3289.745	3262.592	3211.923	3332.782
[38689]	3304.454	3058.913	3125.788	3393.855	3547.391	3236.328	3204.325	3315.138
[38697]	3178.537	3442.014	3341.011	3229.924	3452.953	3325.708	3144.266	3405.969
[38705]	3133.163	3418.251	3185.174	3196.585	3261.696	3189.510	3175.980	3378.266
[38713]	3217.483	3360.824	3156.585	3265.799	3270.746	3424.810	3448.366	3477.734
[38721]	3037.876	3521.701	2990.623	3424.117	3200.802	3181.928	3182.378	2932.294
[38729]	3569.161	3389.407	3085.607	3259.397	3284.526	3282.954	3415.026	3411.678
[38737]	3482.098	3170.772	3067.102	3172.093	3355.868	3101.522	3403.739	3102.560
[38745]	3094.297	3130.481	3532.830	3319.589	3211.812	3145.446	3092.196	3374.863

[38753]	3453.663	3455.269	3309.119	3183.380	3196.245	3241.755	3284.990	3155.568
[38761]	3154.516	3373.408	3413.096	3421.120	3329.290	3358.703	3005.186	3035.029
[38769]	3473.393	3200.610	3190.637	3229.062	3257.768	3249.852	3165.747	3321.491
[38777]	3403.024	3168.056	3144.006	3406.627	3306.712	3338.249	3125.349	3319.358
[38785]	3190.247	3309.615	3327.133	3234.542	3133.574	3128.918	3291.806	3300.195
[38793]	3358.972	3226.039	3208.858	3341.926	3187.363	3326.110	3373.202	3361.688
[38801]	3321.657	3154.034	3438.428	3273.722	3272.706	3123.917	3340.165	3242.239
[38809]	3218.740	3251.777	3165.249	3336.767	3160.410	3365.232	3204.398	3301.015
[38817]	3153.784	3390.012	3002.066	3022.692	3465.059	3286.705	3227.259	3182.207
[38825]	3331.823	3237.217	3139.695	3175.196	3443.048	3419.721	3267.805	3157.493
[38833]	3145.653	3534.276	3104.743	3008.951	2941.027	2951.472	3554.495	3099.509
[38841]	3408.063	3312.694	3266.258	3181.872	3345.901	3099.921	3138.630	3320.354
[38849]	3221.461	3318.813	3321.560	3197.993	3268.269	3313.432	3116.452	3170.562
[38857]	3504.932	3026.233	3148.985	3276.581	3262.884	3228.631	3343.790	3195.140
[38865]	3306.341	3236.250	3359.771	3328.239	3375.557	3202.893	3195.176	3161.200
[38873]	3151.946	3230.240	3428.996	3204.136	3260.074	3254.496	3055.890	3007.518
[38881]	3103.630	3197.995	3064.365	3223.418	3218.879	3371.131	3330.893	3267.351
[38889]	3200.999	3347.688	3251.235	3287.156	3180.074	3169.344	2996.746	3094.809
[38897]	3401.869	3333.776	3193.883	3289.437	3220.962	3273.065	3194.048	3291.440
[38905]	3282.606	3270.436	3356.823	3122.814	3083.466	3244.882	3408.867	3527.189
[38913]	2981.694	3291.826	3214.659	3269.415	3058.398	3461.768	3340.664	3246.433
[38921]	3202.928	3331.161	3174.061	3225.201	3333.340	3245.203	3301.041	3217.463
[38929]	3221.515	3277.064	3418.235	3056.794	3304.668	3334.551	3264.348	3191.011
[38937]	3125.286	3145.495	3198.609	3330.656	3146.010	3381.574	3101.215	3080.937
[38945]	3275.631	3283.115	3230.233	3157.629	2989.506	3466.893	3366.785	3137.752
[38953]	3060.957	3083.276	3151.221	3134.299	3375.244	3270.944	3189.548	3206.465
[38961]	3222.397	3220.481	3266.610	3201.172	3471.556	3448.742	3382.689	3111.603
[38969]	3404.988	3358.871	3146.829	3382.576	3327.815	3192.585	3234.714	3242.407
[38977]	3053.454	3439.041	3381.440	3277.702	3338.018	3222.222	3160.998	3132.823
[38985]	3339.476	3079.683	3188.188	3245.574	3311.700	3217.296	3360.048	3323.180
[38993]	3265.720	3461.794	3427.247	3205.846	3383.747	3197.100	3258.252	3320.013
[39001]	3331.408	3423.085	2983.648	3233.218	3156.395	3371.868	3359.466	3371.210
[39009]	3409.727	3306.523	3181.706	3149.453	3331.638	3086.725	3271.451	3277.519
[39017]	3281.859	3231.424	3127.190	3368.802	3321.901	3251.404	3212.778	3212.778
[39025]	3237.527	3249.863	3055.382	3242.937	3414.880	3128.201	3092.531	3283.979
[39033]	3263.720	3111.340	3095.024	3206.786	3253.317	3288.389	2936.555	3307.523
[39041]	3278.140	3189.461	3283.776	3309.245	3256.642	3288.214	3261.454	3279.714
[39049]	3274.051	3270.530	3247.142	3260.181	3269.777	3205.062	3412.926	3214.420
[39057]	3123.235	3333.280	3113.733	3175.002	3278.444	3129.865	3477.299	3475.628
[39065]	3373.071	3297.835	3344.321	3149.015	3373.837	3064.727	3435.830	3294.262
[39073]	3287.499	3324.604	3184.507	3279.723	3234.773	3233.579	3298.933	3217.878
[39081]	3182.178	3200.503	3316.313	3399.691	3088.568	3251.885	3288.058	3136.723
[39089]	3204.637	3263.282	3274.679	3142.021	3382.576	3177.012	3265.891	3261.642

[39097]	3256.572	3340.691	3332.524	3295.381	3258.281	3345.188	3347.661	3490.808
[39105]	3047.734	3391.416	3411.440	3056.193	3185.747	3140.951	3366.827	3341.012
[39113]	3347.805	3356.696	3255.838	3227.561	3269.119	3163.141	3243.378	3272.189
[39121]	3269.802	3264.045	3248.646	3221.369	3309.076	3161.100	3251.598	3336.689
[39129]	3303.697	3201.613	3378.612	3076.361	3269.381	3267.693	3301.532	3077.082
[39137]	3096.168	3199.973	3293.753	3215.080	3276.853	3045.409	3303.729	3199.547
[39145]	3323.878	3314.346	3254.523	3276.151	3012.152	3007.773	2983.460	2948.067
[39153]	2957.679	3433.430	3438.220	3239.053	3378.678	3139.408	3420.944	3108.958
[39161]	3446.093	3339.530	3088.577	3062.818	3103.334	3303.532	2935.210	3244.279
[39169]	3353.354	3247.576	3184.878	3385.747	3066.305	2987.483	3287.329	3351.334
[39177]	3192.863	3281.759	3292.877	3431.923	3173.936	3493.304	3354.878	3206.116
[39185]	3308.777	3046.029	2978.943	3547.009	3514.176	3193.015	3464.764	3367.725
[39193]	3118.364	3083.507	3213.996	3088.857	3208.380	3329.308	3322.019	3275.317
[39201]	3269.388	3314.535	3167.717	3198.862	3255.126	3377.075	3411.072	3330.578
[39209]	3139.919	3313.961	3246.430	3298.851	3161.688	3133.540	3258.464	3215.746
[39217]	3158.167	3265.788	3102.299	3225.082	3269.555	3286.628	3282.969	3298.367
[39225]	3259.191	3272.806	2968.049	2992.501	3006.832	3125.968	3217.091	3226.683
[39233]	3499.254	3280.205	3372.829	3148.113	3392.169	3188.896	3155.463	3333.992
[39241]	3215.554	3325.142	3273.849	3310.177	3183.099	3346.981	3309.014	3287.216
[39249]	3362.869	3161.324	3134.118	3161.596	3248.151	3241.713	3107.806	3079.919
[39257]	2966.250	3484.095	2965.696	3362.677	3182.732	3149.308	3380.165	3150.458
[39265]	3181.934	3368.584	3277.713	3188.702	3281.496	3194.863	3327.448	3149.507
[39273]	3380.998	3117.783	3071.241	3190.078	3151.388	3079.781	3380.470	3165.176
[39281]	3264.585	3216.653	3262.302	3254.785	3191.588	3276.991	3261.060	3321.554
[39289]	3206.441	3190.372	3435.210	3110.358	3478.465	3036.903	3432.975	3145.724
[39297]	3396.815	3397.929	3496.157	3497.557	3002.839	3489.605	3484.618	3376.040
[39305]	3176.635	3331.248	3304.827	3149.713	3189.792	3397.722	3208.892	3330.707
[39313]	3381.204	3212.497	3236.376	3444.304	3469.228	3098.537	3236.584	3171.012
[39321]	3333.659	3172.555	3439.497	3155.179	3295.015	3226.514	3276.348	3228.664
[39329]	3299.155	3060.102	3079.059	3434.772	3388.066	3327.863	3217.789	3326.614
[39337]	3292.863	3086.655	2977.931	3084.491	3100.954	3143.275	3277.116	3167.302
[39345]	3166.682	3390.619	3095.853	3222.129	3282.901	3326.052	3316.526	3271.379
[39353]	3335.178	3240.730	3294.325	3134.341	3425.555	3393.659	3219.790	3285.500
[39361]	3338.428	3258.027	3292.321	3297.182	3281.471	3365.674	3258.257	3358.572
[39369]	3283.925	3215.607	3320.577	3312.849	3248.484	3287.127	3270.655	3230.873
[39377]	3376.822	3465.775	3009.618	3267.943	3259.719	3367.892	3051.268	3103.286
[39385]	3408.455	3108.731	3456.963	3261.994	3300.169	3204.456	3285.899	3313.497
[39393]	3315.279	3228.653	3363.789	3147.652	3259.950	3438.052	3108.971	3418.562
[39401]	3113.606	3321.181	3208.532	3114.832	3399.417	3321.211	3240.936	3260.189
[39409]	3231.623	3219.390	3243.429	3327.113	3208.550	3167.620	3204.474	3314.466
[39417]	3296.210	3315.029	3173.564	3342.657	2991.116	3578.255	2955.050	3238.165
[39425]	3300.405	3444.119	3051.098	3451.685	3430.395	3348.227	3163.176	3178.966
[39433]	3203.679	3215.962	3133.552	3365.334	3160.904	3301.853	3373.775	3317.342

[39441]	3283.859	3256.019	3209.758	3257.845	3268.157	3188.680	3312.638	3153.643
[39449]	3341.889	3328.729	3281.151	3306.756	3345.742	3349.672	3185.301	3110.199
[39457]	3284.585	3290.208	3161.811	3336.710	3196.531	3136.851	3228.542	3209.825
[39465]	3324.227	3204.441	3446.191	3226.397	3238.120	3352.288	3174.963	3374.203
[39473]	3461.802	3264.247	3349.945	3192.135	3187.878	3271.494	3365.611	3238.026
[39481]	3174.010	3304.503	3120.038	3382.786	3249.778	3165.586	3147.086	3251.696
[39489]	3259.575	3256.790	3349.346	3159.058	3485.204	3364.944	3149.597	3260.324
[39497]	3395.782	3233.670	3361.825	3428.066	3323.812	3354.160	3409.315	3439.974
[39505]	3493.016	3512.042	2998.226	2989.664	2873.942	3578.376	3145.211	3241.586
[39513]	3224.465	3264.078	3270.075	3471.898	3408.213	3380.529	3110.951	3437.338
[39521]	3081.108	3100.988	2972.837	3452.313	3357.537	3285.083	3171.780	3097.855
[39529]	3343.316	3108.966	3091.446	3429.747	3068.160	3457.311	3391.411	3476.100
[39537]	3069.390	3126.608	3399.497	3114.393	3304.369	3211.650	3196.273	3323.666
[39545]	3153.939	3371.200	3212.692	3176.298	3521.179	3348.978	3419.102	3445.002
[39553]	3401.713	3256.706	3158.494	3345.777	3340.747	3180.057	3301.803	3156.960
[39561]	3405.036	3047.911	3071.899	3490.744	3402.752	3074.447	3137.287	2999.180
[39569]	3032.870	3187.701	3391.419	3309.520	3113.191	3169.774	3223.081	3312.319
[39577]	3232.203	3351.490	3229.910	3469.473	3425.449	3421.305	3149.587	3355.305
[39585]	3353.302	3105.272	3045.393	3340.406	3076.444	3470.972	3398.219	3264.023
[39593]	3259.865	3329.418	3103.578	3243.253	3259.770	3250.527	3335.180	3167.456
[39601]	3164.574	3420.179	3121.033	3248.553	3257.277	3280.551	3188.789	3269.423
[39609]	3037.697	3236.214	3303.212	3193.502	3081.731	3339.957	3306.879	3373.783
[39617]	3253.240	3160.640	3463.506	3056.103	3463.556	3373.598	3261.181	3363.231
[39625]	3193.473	3252.845	3449.056	3158.501	3261.732	3183.668	3364.702	3446.937
[39633]	3075.046	3161.144	3041.455	3094.072	3441.113	3345.859	3178.832	3114.297
[39641]	3066.130	2953.042	3083.339	3092.524	3415.122	3436.053	3507.190	3502.662
[39649]	3451.016	3085.948	3192.195	3146.947	3088.692	3444.800	3390.068	3260.202
[39657]	3320.264	3202.832	3198.975	3231.581	3275.342	3369.738	3205.329	3053.413
[39665]	3174.388	3360.946	3326.943	3167.096	3339.594	3190.419	3330.991	3400.737
[39673]	3316.108	3167.648	3192.419	3225.267	3264.831	3235.747	3288.428	3213.022
[39681]	3291.341	3339.792	3256.971	3192.338	3368.298	3301.694	3227.248	3238.539
[39689]	3296.381	3420.775	3531.351	3140.650	3351.178	3188.751	3306.811	3271.705
[39697]	3227.888	3299.131	3226.835	3337.738	3271.136	3145.611	3276.677	3262.224
[39705]	3129.690	3261.925	3203.203	3101.640	3146.059	3120.006	3116.278	3221.189
[39713]	3216.906	3318.499	3147.176	3253.440	3251.404	3050.362	3290.423	3236.532
[39721]	3233.802	3259.672	3394.644	3364.358	3337.777	3320.263	3070.094	3141.491
[39729]	3371.620	3156.033	3211.131	3273.666	3331.078	3299.095	3201.537	3251.863
[39737]	3318.492	3334.054	3183.200	3345.945	3204.661	3283.578	3159.366	3220.626
[39745]	3188.576	3242.286	3120.814	3198.829	3259.471	3108.206	3384.401	3349.019
[39753]	3315.012	3251.129	3262.319	3241.068	3300.777	3332.975	3257.201	3540.000
[39761]	3368.158	3330.404	3321.882	3239.292	3225.504	3222.995	3215.762	3265.926
[39769]	3092.853	3164.604	3320.436	3323.036	3197.505	3162.882	3192.083	3272.113
[39777]	3143.120	3121.333	3158.095	3295.641	3297.106	3277.664	3280.325	3354.452



[39785]	3265.506	3425.722	3406.233	3209.054	3399.039	3303.584	3167.839	3216.133
[39793]	3183.104	3182.925	3136.057	3392.034	3379.976	3207.967	3301.006	3223.113
[39801]	3016.130	3474.064	3158.037	3152.552	3347.920	3264.711	2966.232	3086.145
[39809]	3446.615	3220.765	3262.161	3280.902	3563.991	3603.529	3559.605	3250.046
[39817]	3469.104	3070.314	3224.796	3209.346	3132.886	3225.074	3246.460	3364.427
[39825]	3247.012	3272.192	3352.403	3174.252	3312.094	3391.695	3124.093	3317.905
[39833]	3356.494	3221.766	3442.087	3437.459	3143.229	3466.855	3102.110	3268.477
[39841]	3348.745	3395.281	3094.938	3451.246	3070.522	3478.093	3037.350	3105.860
[39849]	3439.456	3589.965	3296.292	3392.874	3348.828	3237.070	3453.623	3319.966
[39857]	3210.707	3187.137	3159.719	3218.896	3371.722	3156.352	3174.003	3292.724
[39865]	3191.068	3335.743	3447.197	3284.926	3121.835	3134.766	3146.795	3137.168
[39873]	3407.960	3176.744	3384.884	3330.677	3428.897	3371.107	3317.098	3287.765
[39881]	3248.228	3310.578	3268.781	3227.497	3470.891	3035.528	3077.539	3334.276
[39889]	3209.347	3424.469	3215.304	3231.712	3367.760	3359.498	3163.782	3322.909
[39897]	3278.658	3344.923	3229.566	3297.854	3301.853	3382.220	3390.968	3404.162
[39905]	3160.808	3047.724	3137.897	3394.294	3247.839	3189.284	3356.403	3236.104
[39913]	3073.986	3409.299	3396.189	3129.861	3407.040	3271.953	3316.627	3225.364
[39921]	3191.259	3126.674	3296.000	3340.674	3352.354	3245.167	3180.669	3589.941
[39929]	3078.622	3173.357	3230.815	3286.736	3273.673	3214.746	3230.352	3296.065
[39937]	3463.821	3094.381	3249.552	3183.475	3355.583	2915.608	3580.487	3425.089
[39945]	3393.373	3254.305	3379.074	3088.168	3428.118	3114.382	3120.591	3103.916
[39953]	3131.089	3113.768	3169.173	3235.452	3262.383	3258.914	3249.611	3295.520
[39961]	3224.225	3369.736	3319.297	3211.916	3235.193	3447.214	3348.269	3278.831
[39969]	3288.168	3353.723	3228.174	3377.858	3189.288	3338.383	3193.333	3191.515
[39977]	3267.777	3011.485	3078.403	3327.322	3356.152	3252.307	3163.631	3210.505
[39985]	3435.805	3316.811	3330.773	3378.041	3232.635	3117.433	3407.427	3106.671
[39993]	3284.529	3226.294	3308.240	3401.169	3367.566	3425.482	3119.788	3245.309

Por otro lado debemos realizar el modelo sobre la incertidumbre de el siguiente día. Se realiza esto para observar la variabilidad que presenta nuestro muestreo sobre nuestra media. No todos los días tienen el mismo promedio. Entonces, podemos simular nuestra predicción  $y_{\text{new}}$  tomando un día aleatorio del modelo Normal. Hacemos esto con la función `rnorm()`.

[1]	4.471576e+03	3.302583e+03	4.345747e+03	3.721576e+03	4.535157e+03
[6]	5.689398e+03	3.314569e+03	6.262840e+03	3.751869e+03	3.999986e+03
[11]	3.086821e+03	1.271445e+03	2.808385e+03	1.688544e+03	5.122826e+03
[16]	1.195244e+03	4.188338e+03	6.040874e+03	4.700807e+03	4.146260e+03
[21]	1.522277e+03	3.361444e+03	1.024183e+03	4.979649e+03	1.972775e+03
[26]	7.830748e+03	3.245277e+03	5.429788e+03	2.834324e+03	3.560251e+03
[31]	6.757923e+03	3.672311e+03	3.469186e+03	3.415733e+03	3.326043e+03
[36]	2.331992e+03	4.679300e+03	1.451397e+03	4.823052e+03	4.174658e+03
[41]	2.653339e+03	5.226783e+03	3.712979e+03	4.090315e+03	3.713610e+03

[46]	5.540307e+03	2.180824e+03	3.358101e+03	4.312831e+03	3.139019e+03
[51]	3.299119e+03	1.673212e+03	4.766243e+03	4.109058e+03	3.968451e+03
[56]	5.316877e+03	3.279535e+03	6.133976e+01	2.593276e+03	1.266219e+03
[61]	2.666345e+03	3.961287e+03	4.082114e+03	4.126420e+03	5.969376e+01
[66]	3.607705e+03	7.805859e+02	3.754719e+03	5.794260e+03	3.279763e+03
[71]	1.695971e+03	4.228814e+03	4.555505e+03	3.067350e+03	3.469179e+03
[76]	2.920109e+03	4.268153e+03	2.990224e+03	3.140298e+03	3.992615e+03
[81]	2.324839e+03	3.175763e+03	5.992506e+03	4.671504e+03	5.969988e+03
[86]	6.552565e+03	5.082701e+03	3.175056e+03	3.506020e+03	-9.711644e+02
[91]	4.478161e+03	2.412000e+03	1.699494e+03	3.386933e+03	1.740532e+03
[96]	2.710319e+03	5.779957e+03	1.666588e+03	5.095198e+03	-7.818353e+02
[101]	3.039976e+03	2.791493e+03	6.050129e+03	3.430057e+03	5.237197e+03
[106]	3.360932e+03	3.467502e+03	3.286160e+03	2.715168e+03	2.115899e+03
[111]	3.455942e+03	2.728057e+03	1.877935e+03	4.114279e+03	4.096144e+03
[116]	5.079903e+03	5.267655e+03	3.882394e+03	5.175507e+03	5.492734e+03
[121]	1.598293e+03	3.684444e+03	2.147152e+03	2.008265e+03	2.872663e+03
[126]	4.407512e+03	3.614266e+02	3.036515e+03	3.780188e+03	1.599897e+03
[131]	4.128042e+03	3.250517e+03	8.733424e+02	2.687359e+03	5.774734e+03
[136]	3.895868e+03	2.486729e+03	7.279703e+03	5.704955e+03	3.969417e+03
[141]	1.826231e+03	4.817511e+03	2.202401e+03	2.110012e+03	2.388002e+03
[146]	4.372627e+03	4.892262e+03	2.199841e+03	5.607667e+03	3.443634e+03
[151]	2.009210e+03	3.904272e+03	5.230002e+03	2.929616e+03	2.897269e+03
[156]	2.740608e+03	2.690811e+03	5.341690e+03	2.442194e+03	3.814326e+03
[161]	3.761180e+03	2.848219e+03	3.487114e+03	7.817045e+02	5.084960e+03
[166]	2.604438e+03	5.162535e+03	4.726033e+03	5.344426e+03	2.806249e+03
[171]	1.754684e+03	1.454613e+03	5.959743e+03	2.917344e+03	5.954262e+03
[176]	4.879726e+03	6.260674e+03	4.395601e+03	5.496022e+03	5.960434e+02
[181]	8.212303e+03	2.024645e+03	2.541321e+03	2.634562e+03	3.725551e+03
[186]	3.460115e+03	2.372406e+03	2.544885e+03	1.199483e+02	-5.564912e+02
[191]	1.878485e+03	3.747643e+03	2.358563e+03	2.938844e+03	2.478539e+03
[196]	1.494705e+03	3.588792e+03	4.162313e+03	9.741755e+02	3.336937e+03
[201]	4.640239e+03	2.625721e+03	3.431714e+03	3.659479e+03	3.960110e+03
[206]	1.135926e+03	2.632387e+03	2.662995e+03	3.450910e+03	1.737899e+03
[211]	5.761478e+03	4.381288e+03	4.539819e+03	2.667713e+03	5.265459e+03
[216]	6.268325e+03	4.763331e+03	1.391371e+03	6.012727e+03	6.204081e+03
[221]	5.994737e+03	2.712129e+03	2.669539e+03	5.178160e+02	5.110439e+03
[226]	2.799640e+03	3.333404e+03	4.551906e+03	4.078140e+02	3.366652e+03
[231]	4.841368e+03	3.477882e+03	2.665490e+03	4.718652e+03	4.097635e+03
[236]	5.058719e+03	3.621095e+03	4.206602e+03	2.344194e+03	2.905553e+03
[241]	1.554629e+03	3.735385e+03	4.233280e+03	3.851413e+03	8.963784e+02
[246]	9.673138e+02	4.574378e+03	2.344710e+03	5.769372e+03	4.256286e+02
[251]	3.118237e+03	5.093575e+03	2.310736e+03	4.450724e+03	3.424374e+03
[256]	1.997175e+03	1.988325e+03	4.243637e+03	1.195863e+03	4.032442e+03

[261]	6.101862e+03	4.400315e+03	6.330789e+03	4.701036e+03	4.175971e+03
[266]	2.181167e+03	4.561730e+03	4.114048e+03	3.919135e+03	3.487132e+03
[271]	2.618065e+03	2.410206e+03	-5.291089e+02	6.729199e+03	1.997668e+03
[276]	6.431504e+03	4.945456e+03	1.745224e+03	2.857160e+03	2.814826e+03
[281]	4.342078e+03	1.468635e+03	3.387885e+03	5.546631e+03	3.082799e+03
[286]	3.086811e+03	1.670446e+03	5.609027e+03	4.001256e+03	1.398306e+03
[291]	3.283728e+03	2.207095e+03	3.924235e+03	6.811850e+02	3.302689e+03
[296]	5.284101e+03	1.159418e+03	3.464799e+03	5.365873e+03	4.081511e+03
[301]	2.678189e+03	2.543686e+03	3.710409e+03	3.705888e+03	1.662448e+03
[306]	5.945021e+03	4.004092e+03	4.586217e+03	4.449690e+03	2.403579e+03
[311]	-1.253334e+03	2.697641e+03	1.405169e+03	4.748321e+03	2.805247e+03
[316]	3.141327e+03	2.498817e+03	1.678975e+03	2.877439e+03	6.045556e+03
[321]	1.723185e+03	4.372841e+03	2.957370e+03	4.207440e+03	6.087400e+03
[326]	2.382573e+03	1.685435e+03	3.555191e+03	5.150815e+03	3.008527e+03
[331]	-1.081487e+03	4.237858e+03	3.326808e+03	3.030945e+03	3.896615e+03
[336]	3.655762e+03	2.894032e+03	4.734571e+03	7.768130e+02	3.021829e+03
[341]	4.670555e+03	4.125442e+03	3.271572e+03	2.101152e+03	2.709244e+03
[346]	4.101310e+03	2.392134e+03	3.050902e+03	5.474256e+03	4.643268e+03
[351]	3.593173e+03	2.647835e+03	1.481346e+03	3.987063e+03	3.422325e+03
[356]	5.405098e+02	5.057883e+03	1.377152e+03	5.688800e+02	2.203310e+03
[361]	2.529976e+03	2.765899e+03	3.736690e+03	2.996497e+03	1.293976e+03
[366]	4.559253e+03	3.420801e+03	3.007036e+03	2.878951e+03	9.284966e+02
[371]	6.045886e+03	4.300170e+02	3.235364e+03	1.225938e+03	5.618617e+03
[376]	4.568941e+03	4.071344e+03	3.220711e+03	3.658549e+03	2.675160e+03
[381]	3.110480e+03	4.320688e+03	1.334996e+03	4.179665e+03	4.399643e+03
[386]	1.165133e+03	3.001480e+03	3.278402e+03	5.792740e+03	4.365582e+03
[391]	1.162800e+03	4.988072e+03	4.130667e+03	4.546118e+03	2.923732e+03
[396]	5.257244e+03	2.084667e+03	4.401759e+03	5.041357e+03	3.153011e+03
[401]	2.326522e+03	3.379955e+03	1.519444e+03	3.252020e+03	6.292450e+03
[406]	3.630077e+03	1.648070e+03	1.695600e+03	3.872734e+03	2.428590e+03
[411]	6.884333e+03	3.338297e+03	1.297671e+03	1.726446e+03	2.774017e+03
[416]	3.368381e+03	2.966439e+03	3.449037e+03	7.508099e+03	5.914917e+03
[421]	3.489269e+03	8.553190e+02	2.798571e+03	2.153507e+03	6.298604e+03
[426]	4.988410e+03	4.891946e+02	1.933350e+03	1.923205e+03	3.989406e+03
[431]	2.941944e+03	3.825793e+03	4.049646e+03	1.417474e+03	4.584059e+03
[436]	6.049774e+03	4.544190e+03	4.057526e+03	6.375426e+03	1.905390e+03
[441]	1.549667e+03	2.916566e+03	6.365132e+03	1.541361e+03	2.163068e+03
[446]	2.363977e+03	1.872076e+03	4.872512e+03	4.645010e+03	2.184638e+03
[451]	6.932063e+03	3.351632e+03	4.636233e+03	2.093262e+03	1.511412e+03
[456]	4.611851e+03	3.226894e+03	3.679555e+03	1.912234e+03	1.631377e+03
[461]	9.918899e+02	3.568505e+03	1.344114e+03	4.790710e+03	5.247456e+03
[466]	2.275628e+03	3.556457e+03	4.509007e+03	1.537398e+03	5.399909e+03
[471]	6.363546e+03	2.275386e+03	4.633047e+03	2.867807e+03	4.917647e+03

[476]	2.031332e+03	4.234137e+03	5.714182e+03	2.506978e+03	-2.207144e+03
[481]	1.825351e+03	2.276917e+03	4.105695e+03	1.935200e+03	5.067179e+03
[486]	1.069416e+03	2.695186e+03	3.213591e+03	3.583476e+03	4.588396e+03
[491]	4.633358e+03	8.685001e+02	2.617331e+03	2.612736e+03	5.215170e+03
[496]	2.727868e+03	8.305122e+02	2.511480e+03	3.216962e+03	-6.373182e+02
[501]	5.954347e+03	4.289237e+03	3.642059e+03	3.871515e+03	3.445067e+03
[506]	1.038331e+03	3.124592e+03	2.764564e+03	2.113364e+03	6.413309e+03
[511]	1.564249e+03	2.140126e+03	2.536801e+03	3.074232e+03	5.651794e+03
[516]	2.588186e+01	3.495761e+03	4.022637e+03	4.561144e+03	2.615027e+03
[521]	3.677260e+03	5.276004e+03	2.502578e+03	2.884936e+03	5.981307e+03
[526]	2.398322e+03	2.652690e+03	4.819041e+03	1.751741e+03	4.569577e+03
[531]	2.472743e+03	1.814145e+03	2.283479e+03	3.061192e+03	3.872470e+03
[536]	4.337699e+03	6.160109e+03	4.083064e+03	4.317835e+03	1.995805e+03
[541]	3.220843e+03	3.927693e+03	1.922965e+03	2.845855e+03	3.901669e+03
[546]	3.944661e+03	2.957125e+03	3.345251e+03	9.872719e+02	3.726870e+03
[551]	2.539405e+03	2.629890e+03	2.179289e+03	2.042723e+03	2.206578e+03
[556]	2.111934e+03	1.219669e+03	3.453183e+03	2.621152e+03	1.235238e+03
[561]	3.538959e+03	3.273421e+03	2.552179e+03	3.003921e+03	1.860591e+03
[566]	3.121891e+03	5.300558e+03	1.241599e+03	5.679767e+03	3.889117e+03
[571]	5.414310e+03	2.580080e+03	6.976714e+03	2.530560e+03	4.832885e+03
[576]	2.677158e+03	1.783405e+03	2.390313e+03	1.112020e+03	5.366186e+03
[581]	2.977969e+03	3.704134e+03	2.839595e+03	4.570411e+03	1.496892e+03
[586]	1.836843e+03	3.609323e+03	2.145756e+03	2.906022e+03	4.582732e+03
[591]	4.675772e+03	4.176026e+03	-5.504284e+02	2.166026e+03	2.109243e+03
[596]	2.843409e+03	2.834742e+03	1.679400e+03	6.080149e+03	4.482889e+03
[601]	1.420101e+03	4.518987e+03	9.949326e+02	6.020459e+03	5.458588e+03
[606]	3.190412e+03	4.510233e+03	6.215205e+03	2.331774e+03	1.971682e+03
[611]	3.083501e+03	3.988126e+03	1.878285e+03	3.531565e+03	5.011658e+03
[616]	1.010943e+03	2.803989e+03	3.436970e+03	1.443165e+03	1.149710e+03
[621]	5.131917e+03	4.484754e+03	3.734873e+03	5.808264e+03	3.334598e+03
[626]	2.375482e+03	2.961312e+03	4.249711e+03	5.563040e+03	1.509692e+03
[631]	4.771062e+03	4.608993e+03	2.858845e+03	3.661353e+03	5.261164e+03
[636]	4.558069e+03	2.831466e+03	3.201406e+03	2.323971e+03	1.487094e+03
[641]	6.390291e+03	7.546911e+03	4.288165e+03	4.264941e+03	6.096458e+01
[646]	1.796526e+03	1.788650e+03	5.080572e+03	2.701073e+03	2.514787e+03
[651]	2.536726e+03	1.613390e+03	2.339215e+03	3.128454e+03	4.907582e+03
[656]	4.838331e+02	3.086075e+03	3.354610e+03	5.027715e+03	2.008994e+03
[661]	-2.607828e+02	4.051175e+03	4.907294e+03	2.756639e+03	3.734421e+03
[666]	1.453625e+03	3.423185e+03	5.119760e+03	5.005155e+03	1.781142e+03
[671]	2.957651e+03	4.258788e+03	5.589223e+03	4.559172e+03	6.860943e+03
[676]	2.737047e+03	9.104346e+02	1.323345e+03	6.133815e+03	2.452622e+03
[681]	2.509129e+03	2.247804e+03	4.903664e+03	4.379662e+03	3.873620e+03
[686]	3.788552e+03	3.437397e+03	3.855935e+03	4.081631e+03	2.557373e+03

[691]	2.700759e+03	2.508972e+03	2.421584e+03	5.762376e+03	1.290428e+03
[696]	4.742797e+03	1.084429e+03	4.104015e+03	1.660161e+03	4.851633e+03
[701]	1.988958e+03	4.246004e+03	4.192349e+03	3.283305e+03	6.324436e+03
[706]	2.430104e+03	1.183403e+03	3.102025e+03	1.359843e+03	6.068610e+03
[711]	2.944255e+03	5.283309e+03	1.470335e+03	3.186505e+03	1.498501e+03
[716]	6.048604e+03	5.149815e+03	3.774901e+03	2.848831e+03	5.490035e+03
[721]	3.565230e+03	2.855178e+03	3.524535e+03	4.466312e+03	5.605209e+02
[726]	3.777913e+03	4.117636e+03	-6.530166e+02	2.750455e+03	1.425539e+03
[731]	3.542280e+03	2.513116e+03	3.489767e+03	4.595871e+03	7.589936e+02
[736]	1.541510e+03	2.162670e+03	1.090957e+03	5.967807e+03	4.735149e+03
[741]	-3.211045e+02	3.566583e+03	4.154076e+03	2.170961e+03	1.509295e+03
[746]	2.145548e+03	3.750564e+03	3.558528e+03	3.263919e+03	4.444060e+03
[751]	8.617270e+02	4.120205e+03	2.606386e+03	3.690416e+03	7.072342e+03
[756]	4.233315e+03	2.026571e+03	1.954935e+03	2.585664e+03	4.056640e+03
[761]	4.149153e+03	2.602385e+02	6.072779e+03	5.573082e+03	1.268270e+03
[766]	4.472974e+02	-4.208424e+01	3.820511e+03	2.694167e+03	3.760116e+03
[771]	1.552343e+03	1.462571e+03	2.060056e+03	2.798876e+03	3.799021e+03
[776]	3.954338e+03	2.056524e+03	2.576201e+03	3.040171e+03	3.641290e+03
[781]	1.475009e+03	2.471790e+03	3.954441e+03	4.465761e+03	2.484328e+03
[786]	5.071438e+03	3.479330e+03	1.705665e+03	3.720106e+03	2.394984e+03
[791]	5.853069e+02	3.899286e+03	6.072725e+03	3.482060e+03	2.428884e+03
[796]	9.679494e+02	2.011561e+03	2.058601e+03	3.487193e+03	4.304947e+03
[801]	2.833355e+03	3.909783e+03	3.213017e+03	2.872727e+03	1.691912e+02
[806]	2.118856e+03	4.326519e+03	3.442122e+03	3.901996e+03	9.303145e+02
[811]	4.943391e+03	5.640721e+03	3.397752e+03	2.773059e+03	2.171646e+03
[816]	2.447522e+03	5.013489e+03	3.897115e+03	3.161883e+03	4.640198e+03
[821]	4.159530e+03	3.241849e+03	4.376916e+03	1.749375e+03	3.337926e+03
[826]	3.902795e+03	3.648041e+03	5.228285e+03	2.509940e+03	4.307167e+03
[831]	2.591258e+03	2.744888e+03	7.446008e+02	3.991785e+03	7.055741e+02
[836]	4.256993e+03	3.889844e+03	4.010944e+03	1.920657e+03	1.847128e+03
[841]	2.071816e+03	3.931941e+03	2.849804e+02	2.205148e+03	3.959866e+03
[846]	5.445240e+03	5.457243e+03	2.814078e+03	6.110153e+03	5.910941e+03
[851]	3.827205e+03	1.515636e+03	2.593745e+03	4.795871e+03	4.581918e+03
[856]	3.463497e+03	4.424617e+03	1.193670e+03	3.990012e+03	3.454626e+03
[861]	3.820551e+03	4.004879e+03	4.161810e+03	5.832371e+03	2.875369e+03
[866]	3.191336e+03	5.147118e+03	3.960748e+03	3.995453e+03	2.454899e+03
[871]	1.267664e+03	6.081798e+03	4.785924e+03	5.341885e+03	3.029992e+03
[876]	4.035609e+03	5.564900e+03	4.672786e+03	4.628384e+03	9.264675e+02
[881]	6.031715e+03	3.826163e+03	2.287500e+03	3.265561e+03	1.856461e+03
[886]	1.598489e+03	3.646323e+03	4.675261e+03	4.689483e+03	3.615295e+03
[891]	-4.607176e+02	2.269702e+03	4.015786e+03	3.519522e+03	4.689724e+03
[896]	3.316650e+03	2.307397e+03	2.881970e+03	1.332658e+02	3.094150e+03
[901]	2.792511e+03	3.361848e+03	4.631718e+03	3.543329e+03	6.110501e+03

[906]	-6.444227e+02	4.642480e+03	4.397051e+03	3.975231e+03	5.986645e+03
[911]	1.824170e+03	7.556524e+03	4.861589e+03	2.051464e+03	1.814935e+03
[916]	3.879561e+03	3.448778e+03	6.814834e+03	3.312013e+03	2.298974e+03
[921]	5.278794e+03	2.319781e+03	2.684006e+03	4.027040e+02	3.292739e+03
[926]	5.646789e+03	6.032293e+03	5.770205e+03	1.163884e+03	4.469026e+03
[931]	2.702155e+03	3.229709e+03	7.202343e+03	2.310427e+03	3.233039e+03
[936]	2.658992e+03	3.317732e+03	3.277682e+03	4.497125e+03	3.741651e+03
[941]	2.697107e+03	1.659287e+03	6.461694e+02	1.687146e+03	4.907323e+03
[946]	1.194172e+03	5.016414e+03	1.952337e+03	3.971563e+03	3.215673e+03
[951]	5.715733e+03	4.881258e+03	2.555376e+03	1.515599e+03	3.912913e+03
[956]	3.617052e+03	2.408458e+03	5.348316e+03	3.048213e+03	4.688298e+03
[961]	1.857942e+03	1.508612e+03	1.831954e+03	3.509029e+03	1.595864e+03
[966]	5.176109e+03	3.887279e+02	3.801897e+03	5.363185e+03	3.463673e+03
[971]	1.571648e+03	3.065889e+03	1.722681e+03	5.168670e+03	2.071851e+03
[976]	1.715471e+03	3.705466e+03	3.516981e+03	4.638179e+03	6.301443e+03
[981]	2.121001e+03	5.993588e+03	3.882291e+03	1.565777e+03	1.914331e+03
[986]	4.383407e+03	3.080038e+03	5.178826e+03	3.584528e+03	2.357262e+03
[991]	2.401635e+03	2.210587e+03	2.359467e+03	2.593163e+03	2.421397e+03
[996]	4.100685e+03	4.270584e+03	2.337762e+03	1.458495e+03	2.006452e+03
[1001]	2.564926e+03	4.116318e+03	4.568921e+03	-1.206793e+02	2.453946e+03
[1006]	3.050528e+03	2.109503e+03	1.798874e+03	4.575345e+03	8.220924e+02
[1011]	9.560528e+02	3.042456e+03	1.294321e+03	2.432056e+03	2.412341e+03
[1016]	1.038195e+03	2.173200e+03	4.871686e+03	5.458438e+03	4.360702e+03
[1021]	2.879498e+03	2.380945e+03	1.881571e+03	5.486689e+03	3.622211e+03
[1026]	3.970520e+03	2.978449e+03	3.497854e+03	6.837959e+03	6.883246e+03
[1031]	2.310190e+03	3.116254e+03	1.170882e+03	6.652613e+03	2.659172e+03
[1036]	4.109388e+03	5.060865e+03	3.856263e+03	1.972851e+03	2.135443e+03
[1041]	3.229951e+03	4.599211e+03	6.899761e+03	8.838000e+02	3.609738e+03
[1046]	4.125489e+03	4.824209e+03	7.492737e+02	4.188173e+03	5.901311e+03
[1051]	1.312532e+03	3.155233e+03	1.981137e+03	3.475794e+03	2.578079e+03
[1056]	1.652615e+03	2.706721e+03	3.432384e+03	3.538412e+03	3.499993e+03
[1061]	4.647121e+03	1.368056e+03	2.096939e+03	2.706988e+03	5.194603e+03
[1066]	4.261130e+03	2.610685e+03	4.961678e+03	2.940505e+03	5.798151e+03
[1071]	7.334445e+03	3.948683e+03	4.404907e+03	3.578280e+03	2.296199e+03
[1076]	1.684695e+03	4.604299e+03	3.173666e+03	2.867314e+03	4.842247e+03
[1081]	1.131389e+03	9.026633e+02	7.682776e+02	2.158558e+03	5.241203e+03
[1086]	3.422348e+03	2.601360e+03	6.434832e+01	1.354136e+03	1.207058e+03
[1091]	4.949642e+03	1.755169e+03	2.582206e+03	2.426233e+03	4.416364e+03
[1096]	2.042129e+03	4.171999e+03	4.397960e+03	1.468891e+03	3.418318e+02
[1101]	1.460461e+03	2.001518e+03	1.415292e+03	2.061843e+03	4.461912e+03
[1106]	4.066339e+03	2.130445e+03	4.369535e+03	2.691569e+03	2.060859e+03
[1111]	5.112092e+03	3.495868e+03	1.559496e+03	3.370822e+03	3.696726e+03
[1116]	3.996935e+03	5.284332e+03	3.347813e+03	2.212570e+03	5.046273e+03

[1121]	2.841361e+03	5.984968e+03	4.496318e+03	1.720282e+03	3.271801e+03
[1126]	5.510215e+03	3.308998e+03	4.408001e+03	2.194841e+03	4.690678e+03
[1131]	2.130650e+03	4.302757e+03	3.658365e+03	4.711804e+03	3.647667e+03
[1136]	2.644792e+03	3.817095e+03	3.043732e+03	3.897067e+03	1.758785e+03
[1141]	4.859865e+03	3.696245e+03	2.907631e+03	4.221148e+03	2.120509e+03
[1146]	1.802280e+03	5.095981e+03	3.380300e+03	2.169429e+03	5.249091e+03
[1151]	4.090970e+03	5.372880e+03	4.698814e+03	4.812412e+03	4.736162e+03
[1156]	4.183891e+03	4.567991e+03	4.081493e+03	5.246528e+03	2.455424e+03
[1161]	2.650122e+03	4.665180e+03	-1.496213e+03	8.851781e+02	4.385331e+03
[1166]	4.138523e+03	3.076831e+03	2.389294e+03	5.277903e+03	3.629481e+03
[1171]	2.641622e+03	2.022347e+03	3.504364e+03	9.693071e+02	4.361328e+03
[1176]	4.481055e+03	4.707899e+03	3.742786e+03	4.500678e+03	1.597725e+03
[1181]	4.947370e+03	1.354428e+03	2.993880e+03	2.944969e+02	4.010123e+03
[1186]	6.415980e+03	3.677467e+03	4.398971e+03	3.965474e+03	5.126275e+03
[1191]	1.981896e+03	5.076155e+03	1.282223e+03	3.741190e+03	3.724842e+03
[1196]	3.644487e+03	-2.404036e+02	5.674136e+03	3.500217e+03	4.931330e+03
[1201]	6.143376e+03	3.477482e+03	4.280615e+03	1.707290e+03	3.512972e+03
[1206]	4.743670e+03	5.144709e+03	3.583141e+03	4.630063e+03	1.510962e+03
[1211]	2.343434e+03	3.219834e+03	1.673907e+03	5.262198e+03	3.305502e+03
[1216]	2.968928e+03	2.679091e+03	4.564444e+03	3.347894e+03	3.189653e+03
[1221]	2.325657e+03	2.773048e+03	1.657496e+03	5.570260e+03	5.832542e+03
[1226]	3.245714e+03	4.126736e+02	1.395447e+03	1.814698e+03	2.308652e+03
[1231]	4.646647e+03	1.594352e+03	3.390812e+03	6.118922e+03	3.112518e+02
[1236]	3.927936e+03	2.892332e+01	2.096663e+03	3.604493e+03	5.196430e+03
[1241]	6.386121e+02	5.105654e+03	3.191471e+03	3.207927e+03	6.021407e+03
[1246]	5.179251e+03	2.495787e+03	5.411874e+03	4.561494e+03	5.186661e+03
[1251]	4.702747e+03	4.747765e+03	2.876418e+03	2.256390e+03	5.914812e+03
[1256]	2.977304e+02	2.852578e+03	4.103189e+03	3.314431e+03	7.027399e+03
[1261]	1.793109e+03	1.281003e+03	1.809404e+03	8.705991e+02	1.207638e+03
[1266]	6.131483e+03	2.924649e+03	2.993815e+03	1.171042e+03	4.508189e+03
[1271]	5.044732e+03	5.684551e+03	5.717383e+03	5.682428e+03	3.310875e+03
[1276]	4.260630e+03	1.935044e+03	2.757430e+03	5.128002e+03	6.136569e+03
[1281]	2.535586e+03	2.991894e+03	8.834339e+02	4.095277e+03	2.535816e+03
[1286]	3.193779e+03	3.433869e+03	5.588024e+03	3.248686e+03	2.976670e+03
[1291]	1.648997e+03	6.029317e+03	3.562328e+03	3.414816e+03	5.357952e+03
[1296]	7.616294e+02	1.490823e+03	3.854177e+03	3.746941e+03	5.726267e+03
[1301]	3.470311e+03	1.508155e+03	4.780572e+03	2.689871e+03	2.949597e+03
[1306]	4.499118e+03	3.666004e+03	1.866791e+03	3.297883e+03	2.666466e+02
[1311]	4.853975e+03	2.709828e+03	2.511239e+03	5.245001e+03	3.715646e+03
[1316]	2.520157e+03	2.938261e+03	2.732800e+03	3.994630e+03	2.795449e+03
[1321]	3.811508e+03	4.700108e+03	6.011673e+03	4.974948e+03	3.833712e+03
[1326]	3.046633e+03	3.088594e+03	2.442257e+03	3.178322e+03	3.725726e+03
[1331]	3.416279e+03	5.018010e+03	1.686268e+03	5.895326e+03	2.607420e+03

[1336]	2.693911e+03	3.701657e+03	4.131091e+03	2.213902e+03	3.491102e+03
[1341]	5.172314e+03	3.285888e+03	5.177930e+03	2.342186e+02	1.513421e+03
[1346]	4.755498e+03	2.164068e+03	2.407636e+03	3.109442e+03	4.001828e+03
[1351]	4.233846e+03	3.044873e+03	1.425978e+03	4.650847e+03	3.013792e+03
[1356]	5.617072e+03	3.593661e+03	3.769106e+03	6.581079e+03	3.799452e+03
[1361]	2.270889e+03	6.563105e+03	2.877935e+03	2.151884e+03	6.422683e+02
[1366]	4.322528e+03	5.982766e+03	2.733346e+03	4.341716e+02	3.540002e+03
[1371]	1.333706e+03	-8.142224e+02	1.698401e+03	3.343640e+02	4.739460e+03
[1376]	2.685329e+03	5.927055e+03	1.454189e+03	3.486758e+03	2.086168e+03
[1381]	3.927756e+03	-5.299106e+01	4.269605e+03	2.722767e+03	2.221568e+03
[1386]	3.179706e+03	4.825560e+03	3.401652e+03	8.805780e+02	3.392859e+03
[1391]	4.241626e+03	4.660433e+03	4.362769e+03	2.662378e+03	3.788117e+03
[1396]	1.653486e+03	-4.243774e+02	3.493155e+03	2.282095e+03	4.060364e+03
[1401]	1.639582e+03	4.268592e+03	8.771871e+02	1.784387e+03	1.604467e+03
[1406]	2.669754e+03	6.435333e+02	1.458842e+03	2.913596e+03	3.825027e+03
[1411]	6.139784e+02	2.388073e+03	8.763977e+02	2.897450e+03	3.088706e+03
[1416]	3.425543e+03	3.962402e+03	2.760554e+03	4.152800e+03	5.822530e+03
[1421]	1.602776e+03	2.059480e+03	4.569962e+03	5.215715e+03	5.942883e+03
[1426]	1.459192e+03	4.370264e+03	2.560029e+03	2.413944e+03	4.921945e+03
[1431]	-1.314407e+02	6.629128e+03	4.290915e+03	4.843030e+03	5.287064e+03
[1436]	2.339814e+03	2.339852e+03	5.312876e+03	1.949817e+03	9.161350e+02
[1441]	5.057944e+03	7.539809e+03	4.689020e+03	3.846587e+03	3.914955e+03
[1446]	4.236990e+03	5.347358e+03	4.939323e+03	2.965957e+03	4.028863e+03
[1451]	3.193734e+03	2.816226e+03	1.052439e+03	-1.073903e+02	3.455845e+03
[1456]	3.783295e+03	1.212661e+03	2.110889e+03	3.778216e+03	2.417166e+03
[1461]	5.971561e+03	8.513993e+02	6.767879e+03	1.510976e+03	5.131159e+03
[1466]	4.721797e+03	3.928810e+03	4.036388e+03	4.372658e+03	2.829852e+03
[1471]	3.604200e+03	1.981486e+03	7.605572e+03	2.301372e+03	6.575167e+02
[1476]	3.088674e+03	4.643034e+03	3.563083e+03	1.952072e+03	2.348624e+03
[1481]	3.772515e+03	7.239305e+03	3.127373e+03	1.735897e+03	4.910187e+03
[1486]	4.041591e+03	2.991096e+03	2.712439e+03	3.164263e+03	3.457892e+03
[1491]	5.008970e+03	5.308141e+03	-6.243927e+02	3.491674e+03	2.175499e+03
[1496]	1.065414e+03	3.620811e+03	2.522551e+03	3.365304e+03	2.174216e+03
[1501]	2.527133e+03	5.959269e+03	2.733211e+03	4.650963e+03	5.003868e+03
[1506]	2.509184e+03	9.579148e+02	2.758532e+03	5.009161e+03	2.197145e+03
[1511]	6.159463e+03	4.042075e+03	3.534546e+03	3.118246e+03	4.754118e+03
[1516]	3.161683e+03	3.779376e+03	-2.067279e+02	3.674451e+03	3.892030e+03
[1521]	2.217276e+03	2.411008e+03	3.823234e+03	5.482727e+03	1.049246e+03
[1526]	2.864107e+03	3.543631e+03	4.415307e+03	2.553380e+03	2.400439e+03
[1531]	5.989718e+03	5.257706e+03	2.212716e+02	7.238028e+03	8.771224e+02
[1536]	2.894965e+03	4.146928e+03	3.461996e+03	1.939143e+03	5.625820e+02
[1541]	1.347136e+03	1.292087e+03	4.903899e+03	4.225968e+03	4.848029e+03
[1546]	2.832187e+03	6.153525e+03	3.515444e+03	3.881374e+03	6.185948e+03



[1551]	4.670735e+03	4.213387e+03	2.031087e+03	5.131254e+03	2.844469e+03
[1556]	3.689951e+03	3.180814e+03	1.805049e+03	3.660610e+03	3.376789e+03
[1561]	4.421547e+03	8.545336e+03	2.115019e+03	3.420992e+03	1.921973e+03
[1566]	3.070936e+03	1.946506e+03	1.631797e+03	2.592533e+03	3.073593e+03
[1571]	3.377035e+03	-5.171433e+02	3.053572e+03	3.512049e+03	1.879896e+03
[1576]	3.261093e+03	7.327185e+03	2.075081e+03	4.352852e+03	2.674974e+03
[1581]	1.034232e+03	1.369049e+03	6.227216e+03	3.487870e+03	3.865400e+03
[1586]	3.947472e+03	4.293032e+03	4.563446e+03	3.942238e+03	2.555037e+03
[1591]	2.586683e+03	3.041680e+03	3.766558e+03	-1.513213e+03	3.742876e+03
[1596]	2.814888e+03	3.032970e+03	2.886073e+03	2.536740e+03	2.792601e+03
[1601]	5.469321e+03	1.467734e+03	7.331142e+03	3.561811e+03	3.808340e+03
[1606]	3.331188e+03	2.647884e+03	2.512373e+03	9.603313e+02	1.430620e+03
[1611]	4.010467e+03	4.250356e+03	3.517807e+03	3.983404e+03	3.555095e+03
[1616]	8.834953e+02	2.010199e+03	3.811759e+03	6.183555e+03	7.813179e+02
[1621]	5.611250e+03	4.401323e+03	4.592226e+03	2.563005e+03	4.145612e+03
[1626]	1.532070e+03	2.780774e+03	2.624927e+03	2.140627e+03	3.789098e+03
[1631]	3.510953e+03	2.125611e+03	2.805798e+02	3.223784e+03	3.242576e+03
[1636]	5.557169e+03	5.589308e+02	1.858249e+03	3.545605e+03	5.280835e+03
[1641]	5.803982e+03	4.211218e+03	8.200883e+02	3.865483e+02	1.098954e+03
[1646]	1.761757e+03	2.421220e+03	3.883485e+03	2.542529e+03	6.034052e+02
[1651]	4.208002e+03	9.108117e+02	5.702846e+03	4.265119e+03	3.266226e+03
[1656]	4.406957e+03	1.130739e+03	4.351130e+03	3.098096e+03	3.548661e+03
[1661]	2.784801e+03	2.626394e+03	4.492421e+03	2.342267e+03	2.570308e+03
[1666]	6.813023e+03	1.930871e+03	3.352121e+03	3.160582e+03	6.685127e+03
[1671]	2.984842e+03	3.003540e+03	3.777345e+03	4.464987e+03	4.676750e+03
[1676]	1.400691e+03	5.301182e+03	3.254841e+03	7.977256e+02	1.292916e+03
[1681]	4.927135e+03	1.376566e+03	1.390202e+03	1.436956e+03	4.873204e+03
[1686]	3.280781e+03	5.246865e+03	2.935836e+03	3.914534e+03	2.338535e+03
[1691]	2.419450e+03	4.411791e+03	4.674835e+03	1.438908e+03	4.181725e+03
[1696]	4.893111e+03	1.642316e+03	5.711605e+03	3.136896e+03	2.179726e+03
[1701]	6.715332e+02	1.837198e+03	2.176157e+03	9.061305e+02	1.279349e+03
[1706]	2.099557e+03	2.508147e+03	2.597739e+03	2.396777e+03	5.343492e+03
[1711]	2.303800e+03	1.744805e+03	2.273950e+03	1.273223e+03	6.393794e+03
[1716]	1.107797e+03	3.667560e+03	3.896231e+02	4.119594e+03	3.338187e+03
[1721]	1.194311e+03	1.856388e+03	5.706602e+03	4.324411e+03	-1.539174e+02
[1726]	6.041128e+03	2.008954e+03	3.045639e+03	4.788558e+03	4.096527e+03
[1731]	1.822168e+03	3.932622e+03	4.488084e+03	3.629139e+03	1.911013e+03
[1736]	5.321188e+03	-8.756918e+02	2.124258e+03	5.199739e+03	5.772967e+03
[1741]	3.820464e+03	5.314751e+03	2.249371e+03	3.391582e+03	4.235142e+03
[1746]	4.800606e+03	2.321104e+03	3.143928e+03	3.866922e+03	2.907550e+03
[1751]	8.214335e+03	2.249645e+03	3.394617e+03	2.755891e+03	2.062329e+02
[1756]	3.624625e+03	2.534999e+03	-2.760818e+03	7.002122e+02	4.313752e+03
[1761]	1.770738e+03	4.757615e+03	4.898221e+03	4.610890e+03	-2.327006e+02

[1766]	2.281304e+03	1.650434e+03	5.043015e+03	2.094365e+03	3.228671e+03
[1771]	5.897701e+03	2.843279e+03	-1.922558e+02	2.475700e+02	1.309613e+03
[1776]	6.411147e+03	4.962167e+03	5.158130e+03	5.841184e+03	3.666613e+03
[1781]	4.202317e+03	5.034107e+03	4.792540e+03	4.091816e+03	2.943394e+03
[1786]	4.297257e+03	6.565951e+03	1.904832e+03	1.083637e+03	4.709073e+03
[1791]	4.201808e+03	2.615955e+03	3.962203e+03	3.083049e+03	2.289628e+02
[1796]	3.134398e+03	1.463568e+03	3.274362e+03	3.968037e+03	1.279347e+03
[1801]	1.265146e+03	2.367947e+03	4.610374e+03	1.626367e+03	3.484948e+03
[1806]	2.931272e+03	4.350756e+03	3.407872e+03	4.808903e+03	3.167929e+03
[1811]	3.005121e+03	3.157522e+03	1.878408e+03	4.976117e+03	2.659573e+03
[1816]	1.533925e+03	3.186326e+03	2.499965e+03	2.529463e+03	9.429021e+02
[1821]	4.845203e+03	4.785596e+03	2.026040e+03	3.100269e+03	4.906499e+02
[1826]	1.970178e+03	3.097153e+03	1.559953e+03	4.702085e+03	6.960505e+03
[1831]	3.706928e+03	5.456044e+03	3.289648e+03	2.995821e+03	3.225924e+03
[1836]	4.562129e+03	5.088958e+03	3.025180e+03	4.159939e+03	2.058933e+03
[1841]	2.314769e+03	8.815602e+02	6.073294e+03	1.535427e+03	6.866512e+02
[1846]	2.614470e+03	8.317710e+02	2.958014e+03	9.922541e+02	3.597623e+03
[1851]	4.239943e+03	2.864408e+03	2.878496e+03	3.214352e+03	3.780280e+03
[1856]	4.234048e+03	1.888853e+03	2.305399e+03	5.012124e+03	3.800059e+03
[1861]	1.965063e+03	2.261769e+03	4.772899e+03	2.733285e+03	3.676386e+03
[1866]	2.572561e+03	3.603292e+03	9.227549e+02	2.435211e+03	1.517667e+03
[1871]	4.196636e+03	3.502456e+03	3.621077e+03	-3.254515e+02	4.669673e+03
[1876]	1.783637e+03	4.902783e+03	4.648639e+03	4.086156e+03	1.280271e+03
[1881]	3.190666e+03	1.560631e+03	4.283806e+03	3.920993e+03	5.754174e+03
[1886]	3.970079e+03	5.232514e+03	4.081417e+03	2.200144e+03	5.067960e+03
[1891]	4.094904e+03	4.534614e+03	2.012660e+03	4.868754e+03	4.092280e+03
[1896]	2.468422e+03	3.498809e+03	2.861346e+03	3.321406e+03	5.375737e+03
[1901]	3.983603e+03	2.456510e+03	4.656113e+03	3.653449e+03	4.086731e+03
[1906]	3.566379e+03	2.366312e+03	2.369535e+03	3.138301e+03	5.068731e+03
[1911]	2.892441e+03	9.241986e+02	5.097372e+03	5.925606e+03	6.518055e+03
[1916]	5.973006e+03	3.635555e+03	5.812855e+03	3.737359e+03	4.063681e+03
[1921]	3.125888e+03	3.223573e+03	4.351860e+03	3.643186e+03	1.073159e+03
[1926]	3.908153e+03	3.785272e+03	6.176315e+03	3.679401e+03	3.895406e+03
[1931]	3.147203e+03	2.451089e+03	5.783385e+03	3.146429e+03	4.722277e+03
[1936]	3.700156e+03	1.249187e+03	2.346434e+03	2.335640e+03	5.429472e+03
[1941]	2.831036e+03	4.142360e+03	3.364549e+03	1.921829e+03	1.377347e+03
[1946]	1.542860e+03	3.799154e+03	5.524013e+03	6.017952e+03	3.715569e+03
[1951]	2.371608e+03	2.419811e+03	2.166257e+03	2.464537e+03	3.911581e+03
[1956]	3.266735e+03	4.196331e+03	5.689413e+03	2.815191e+03	2.720823e+03
[1961]	4.987820e+03	2.935865e+03	3.267813e+03	1.080516e+03	3.063734e+03
[1966]	3.916866e+03	5.451639e+03	5.000210e+03	7.082274e+03	1.422380e+02
[1971]	3.352594e+03	3.293235e+03	3.928076e+03	3.098308e+03	2.594884e+03
[1976]	2.737046e+03	5.290795e+03	2.819366e+02	2.976894e+03	4.707289e+03

[1981]	3.848376e+03	3.389209e+03	3.443621e+03	5.280292e+03	3.458338e+03
[1986]	7.257560e+03	2.534787e+03	4.289224e+03	3.012257e+03	2.904656e+03
[1991]	2.117168e+03	5.054991e+03	3.161872e+03	4.966836e+03	1.277915e+03
[1996]	2.755274e+03	2.904240e+03	3.668193e+03	1.348868e+03	4.543518e+03
[2001]	1.136603e+03	4.805598e+03	5.185724e+03	4.568507e+03	4.709353e+03
[2006]	1.385782e+03	3.079939e+03	3.515172e+03	9.164383e+02	3.055778e+03
[2011]	4.011240e+03	5.281740e+03	2.762996e+03	4.373889e+03	3.088583e+03
[2016]	3.302186e+03	5.931214e+03	1.972812e+03	3.643009e+03	4.587539e+03
[2021]	2.379466e+03	9.566866e+02	3.417095e+03	5.297195e+03	3.286263e+03
[2026]	2.289347e+03	5.858499e+03	4.451667e+03	3.293745e+03	2.982260e+03
[2031]	4.533049e+03	4.840109e+03	2.163514e+03	5.278543e+03	4.604157e+03
[2036]	3.618323e+03	3.173077e+03	-1.549410e+02	2.279159e+03	2.183384e+03
[2041]	3.558497e+02	4.349767e+03	5.131746e+03	4.193922e+03	3.327533e+03
[2046]	6.106100e+03	2.438063e+03	2.300240e+03	4.866035e+03	4.709076e+03
[2051]	1.456331e+03	3.307360e+03	4.564394e+03	4.285724e+03	4.314650e+03
[2056]	5.222941e+03	3.093593e+03	4.053282e+03	4.693195e+03	4.621399e+03
[2061]	5.064051e+03	-5.752204e+02	2.019202e+03	5.225679e+03	8.985893e+02
[2066]	5.997684e+02	4.248869e+02	1.648541e+03	5.201993e+03	4.375874e+03
[2071]	9.368619e+02	4.738353e+03	4.348788e+03	4.915968e+03	5.654918e+03
[2076]	3.789408e+03	1.088419e+03	3.157910e+03	3.646601e+03	5.569772e+03
[2081]	1.971307e+03	4.529308e+03	2.683790e+03	4.858633e+03	1.261937e+03
[2086]	3.269561e+03	-3.106073e+02	3.901853e+03	1.672887e+03	6.064852e+03
[2091]	5.275544e+03	4.730315e+03	1.656044e+03	3.503343e+03	2.326884e+03
[2096]	3.564066e+03	5.328624e+03	6.472264e+03	5.303335e+03	4.331340e+03
[2101]	2.677396e+03	1.960541e+03	1.260166e+03	5.307631e+03	3.186602e+03
[2106]	3.026543e+03	2.007139e+03	1.248436e+02	3.088950e+03	2.367614e+03
[2111]	4.696858e+03	3.810553e+03	7.285624e+02	2.437037e+03	3.751404e+03
[2116]	4.277585e+03	5.309723e+02	1.910161e+02	3.751532e+03	2.804444e+03
[2121]	1.406481e+03	2.810513e+03	2.306208e+03	5.351523e+03	6.103469e+03
[2126]	1.855383e+03	2.522651e+03	4.996050e+03	3.137603e+03	2.551971e+03
[2131]	1.626531e+03	4.620724e+03	2.188650e+03	3.832645e+03	8.031292e+03
[2136]	1.857320e+03	3.369608e+03	3.062991e+03	4.299244e+03	4.396953e+02
[2141]	2.623749e+03	3.484917e+03	2.817073e+03	3.314423e+03	2.869954e+03
[2146]	4.512176e+03	2.808854e+03	7.568038e+02	2.763926e+03	4.579311e+03
[2151]	2.038613e+03	4.752278e+03	3.727325e+03	3.753335e+03	1.435071e+03
[2156]	5.162303e+03	1.995661e+03	1.672109e+03	2.604748e+03	5.398120e+03
[2161]	3.284924e+03	4.054642e+03	2.843399e+03	2.811287e+03	3.664019e+03
[2166]	3.490564e+03	3.949030e+03	4.005357e+03	4.180634e+03	3.743177e+03
[2171]	2.941884e+03	2.859226e+03	8.712446e+02	4.230216e+03	1.311508e+03
[2176]	4.084118e+03	1.307274e+03	2.806672e+03	7.332604e+03	7.397758e+03
[2181]	3.542199e+03	1.255365e+03	2.901063e+03	2.054913e+03	1.922679e+03
[2186]	5.301164e+03	2.676386e+03	2.027108e+03	1.573825e+03	1.247675e+03
[2191]	2.292307e+03	4.827375e+03	3.116116e+02	1.098727e+03	2.364959e+03

[2196]	3.690081e+03	4.718825e+03	5.369794e+03	4.012766e+03	4.988934e+03
[2201]	2.299501e+03	4.422118e+03	2.885180e+03	3.396417e+03	2.045513e+03
[2206]	4.489547e+03	2.096829e+03	4.856785e+03	4.343050e+03	4.594101e+02
[2211]	-2.304056e+02	2.893063e+03	2.018146e+03	3.396794e+03	4.281559e+03
[2216]	2.839112e+03	3.104899e+03	4.625778e+03	-5.407777e+02	1.759711e+03
[2221]	1.777336e+02	5.766057e+03	4.105434e+02	6.262014e+03	2.076244e+03
[2226]	4.393634e+03	5.018578e+03	2.965870e+03	2.800919e+03	6.251594e+03
[2231]	4.646562e+03	1.800719e+03	1.467705e+03	4.784686e+03	2.089741e+03
[2236]	4.550375e+03	4.954612e+03	5.072539e+03	2.495317e+03	2.333226e+03
[2241]	5.351195e+03	1.906326e+03	2.637590e+03	2.408236e+03	3.545127e+03
[2246]	6.000914e+02	3.739116e+03	3.590851e+03	1.957117e+03	5.978096e+03
[2251]	2.949567e+03	4.534093e+03	4.921612e+03	4.281238e+03	3.828656e+03
[2256]	4.362990e+03	4.751490e+03	4.419798e+03	3.218585e+03	2.503161e+03
[2261]	8.384235e+02	9.957481e+02	9.850995e+02	9.486633e+02	-2.711309e+02
[2266]	5.279492e+03	3.106481e+03	4.602777e+03	4.668021e+03	4.460660e+03
[2271]	1.727885e+03	3.876016e+03	2.447420e+03	4.376202e+03	3.580198e+03
[2276]	2.460229e+03	5.057401e+03	3.330952e+03	2.483389e+03	2.286189e+03
[2281]	4.488701e+03	2.832316e+03	1.146490e+03	2.807341e+03	4.897692e+03
[2286]	4.388558e+03	5.295717e+03	-3.541171e+02	5.529399e+03	1.323844e+03
[2291]	1.255231e+03	3.668470e+03	5.493244e+03	4.834604e+03	2.225945e+03
[2296]	2.100506e+03	3.330151e+03	6.194467e+03	2.976222e+03	5.089657e+02
[2301]	3.460094e+03	1.520126e+03	5.021727e+03	3.010274e+03	4.096738e+03
[2306]	5.692871e+03	5.083358e+03	1.845034e+03	3.427327e+03	2.973992e+03
[2311]	4.913237e+03	1.094533e+03	7.228865e+01	3.765709e+03	3.144211e+03
[2316]	1.073742e+03	2.935294e+03	-1.409413e+03	6.004823e+03	2.091380e+03
[2321]	2.732557e+03	3.642564e+03	2.436641e+03	5.081491e+03	3.487671e+03
[2326]	6.124252e+03	5.300294e+03	4.607655e+03	6.090466e+03	1.586936e+03
[2331]	2.276535e+03	4.558928e+03	2.164200e+03	5.795241e+03	5.818909e+03
[2336]	4.987268e+03	2.070659e+03	4.950770e+03	9.672686e+02	3.921429e+03
[2341]	4.689820e+03	2.740123e+03	1.977225e+03	2.743863e+03	5.114465e+03
[2346]	5.309199e+03	3.162908e+03	1.831011e+03	3.304172e+03	2.351376e+03
[2351]	6.449912e+03	2.052322e+03	2.772958e+03	6.580091e+03	5.621478e+03
[2356]	2.645434e+03	2.398611e+03	5.498274e+03	2.380728e+03	1.491890e+03
[2361]	8.470790e+02	1.913696e+03	1.499819e+03	1.945337e+03	5.039010e+03
[2366]	-6.412389e+02	3.594643e+02	3.817295e+03	9.460039e+02	1.509083e+03
[2371]	3.973646e+03	4.565789e+03	4.115819e+03	4.394496e+03	7.231651e+03
[2376]	6.180648e+03	3.277880e+03	4.872627e+03	4.577292e+03	4.981306e+03
[2381]	2.269845e+03	1.822728e+03	3.786143e+03	5.703129e+03	4.548284e+03
[2386]	1.456793e+03	5.136505e+03	3.602214e+03	4.844069e+03	2.841229e+03
[2391]	4.231788e+03	5.525273e+03	5.941782e+03	5.644798e+03	5.172838e+03
[2396]	1.208381e+03	2.451448e+03	4.796307e+03	5.582916e+02	2.304469e+03
[2401]	5.966186e+03	4.485841e+03	4.036524e+03	2.591658e+03	3.449326e+03
[2406]	5.554942e+03	4.155172e+03	2.584030e+03	3.757110e+03	3.376432e+03

[2411]	3.064935e+03	3.951156e+03	4.179666e+03	4.183950e+03	1.375894e+03
[2416]	3.489665e+03	5.780938e+03	2.351024e+03	1.003662e+03	4.744823e+03
[2421]	4.052611e+03	5.759615e+03	3.695873e+03	3.352458e+03	3.308901e+03
[2426]	-4.854857e+02	4.275877e+03	5.318789e+03	5.584419e+03	3.818532e+03
[2431]	1.977830e+03	1.378579e+03	5.635896e+03	3.347689e+03	3.170486e+03
[2436]	3.063754e+03	3.645361e+03	8.610641e+02	2.613955e+03	4.507891e+03
[2441]	1.526322e+03	3.614568e+03	2.078213e+03	4.234230e+03	2.312915e+02
[2446]	4.103364e+03	9.656237e+02	2.485681e+03	4.939145e+03	2.810724e+03
[2451]	-8.870809e-01	1.310805e+03	7.642021e+03	2.795725e+03	2.127378e+03
[2456]	9.751706e+02	3.850551e+03	6.381029e+03	2.559209e+03	7.996969e+02
[2461]	5.452691e+02	3.931662e+03	5.931813e+03	3.478050e+03	5.109241e+03
[2466]	4.395978e+03	3.478100e+03	1.589046e+03	2.442250e+03	4.485783e+03
[2471]	3.629195e+03	3.785821e+03	1.058262e+03	4.322434e+03	2.621858e+03
[2476]	4.845237e+03	2.080288e+03	3.838247e+03	2.571162e+03	5.914425e+03
[2481]	3.328918e+03	2.401849e+03	2.407168e+03	3.257196e+03	2.270241e+03
[2486]	6.199272e+03	4.878826e+03	2.458992e+03	3.460083e+03	5.841565e+02
[2491]	-3.276575e+02	1.743928e+03	2.793720e+03	6.285887e+03	3.724084e+03
[2496]	4.201499e+02	3.345870e+03	3.940251e+03	4.286414e+03	3.276460e+03
[2501]	3.877210e+03	4.534283e+03	4.461121e+03	3.609120e+03	4.125173e+03
[2506]	6.275030e+03	2.885063e+03	3.195269e+03	2.277344e+03	2.918748e+03
[2511]	9.517359e+02	2.256379e+03	1.772360e+03	2.262207e+03	1.524526e+03
[2516]	4.480195e+03	4.032460e+03	3.204561e+03	1.376432e+03	4.198127e+03
[2521]	1.846275e+03	3.688377e+03	2.936967e+03	1.425526e+03	3.854370e+03
[2526]	4.783475e+03	2.940846e+03	2.710804e+03	6.196718e+03	4.126768e+03
[2531]	4.200851e+03	6.277648e+03	3.280663e+03	4.240088e+03	3.396518e+03
[2536]	5.479468e+03	5.920990e+03	3.370640e+03	6.943256e+02	4.613260e+03
[2541]	1.553865e+03	4.599387e+03	2.338502e+03	3.458892e+03	2.002525e+03
[2546]	4.463795e+03	2.551775e+03	2.966559e+03	3.242341e+03	2.163397e+03
[2551]	4.133741e+03	2.679034e+03	-2.758178e+02	1.820348e+03	2.776275e+03
[2556]	6.491247e+03	8.283739e+02	3.676322e+03	1.689762e+03	2.091540e+03
[2561]	1.672433e+03	1.185629e+03	2.799750e+03	1.115260e+03	3.915438e+03
[2566]	2.825554e+03	3.726088e+03	1.636708e+03	2.793672e+03	2.578124e+03
[2571]	3.333266e+03	4.092169e+03	3.421577e+03	3.062219e+03	1.460554e+03
[2576]	2.009658e+03	4.429456e+03	2.832821e+03	3.186569e+03	3.382244e+03
[2581]	2.226027e+03	2.105575e+03	3.858804e+03	2.982831e+03	3.807499e+02
[2586]	3.337090e+03	3.594943e+03	4.087616e+03	6.537101e+03	1.806251e+03
[2591]	5.698837e+02	4.230460e+03	3.523665e+03	1.805251e+03	2.700428e+03
[2596]	4.155406e+03	4.115147e+03	6.768147e+03	3.713489e+03	4.210567e+03
[2601]	2.012016e+03	3.754162e+03	2.052284e+03	1.566099e+03	1.223729e+03
[2606]	2.648673e+03	3.995608e+03	3.936035e+03	2.262794e+03	1.965582e+03
[2611]	3.008799e+03	2.408643e+02	2.797058e+03	9.426408e+02	3.464840e+03
[2616]	5.290591e+03	3.578317e+03	4.074672e+03	3.682899e+03	1.237727e+03
[2621]	2.723833e+03	2.674687e+02	9.943481e+02	2.270541e+03	4.826976e+03

[2626]	2.383228e+03	2.469473e+03	3.896988e+03	8.967253e+02	2.955506e+03
[2631]	2.758089e+03	1.523443e+03	3.979652e+03	3.711598e+03	2.766588e+03
[2636]	2.163237e+03	3.805901e+03	1.723809e+03	4.515753e+03	6.316219e+03
[2641]	4.323875e+03	1.908777e+03	3.320701e+03	3.821583e+03	-3.695100e+02
[2646]	3.011480e+03	5.856936e+03	1.770941e+03	5.155865e+03	7.577061e+03
[2651]	5.876698e+02	1.547878e+03	3.218008e+03	4.107334e+03	2.712636e+03
[2656]	3.987301e+03	4.146219e+02	3.591572e+03	5.241011e+03	2.436891e+03
[2661]	4.218622e+03	2.910871e+03	2.872629e+03	2.833800e+03	2.048880e+03
[2666]	1.843692e+03	3.647193e+03	3.937092e+03	1.695464e+03	3.583071e+03
[2671]	3.341036e+03	6.373029e+02	4.564171e+03	3.062182e+03	2.686130e+03
[2676]	3.071458e+03	3.785470e+03	5.336036e+03	4.183505e+03	6.057107e+03
[2681]	3.600400e+03	3.003354e+03	6.114267e+03	3.419331e+03	2.906553e+03
[2686]	3.318219e+03	1.802979e+02	5.439546e+03	3.639492e+03	3.146206e+03
[2691]	3.552711e+03	1.084925e+03	3.123592e+03	-1.245846e+02	8.314220e+02
[2696]	2.234187e+03	3.078033e+03	3.125349e+03	1.778334e+03	4.597192e+03
[2701]	2.847944e+03	3.111348e+03	1.826865e+03	2.665682e+03	2.765381e+03
[2706]	5.056108e+03	2.386817e+03	2.791775e+03	3.167871e+03	4.457994e+03
[2711]	3.120721e+03	4.795227e+03	2.064259e+03	3.487641e+03	6.144200e+03
[2716]	3.893859e+03	4.572000e+03	3.228509e+03	5.406999e+03	9.409134e+02
[2721]	2.862998e+03	1.376003e+03	4.617029e+03	4.101815e+03	-8.849529e+02
[2726]	1.090499e+03	3.607967e+03	6.379944e+03	4.960306e+03	5.792070e+03
[2731]	7.122648e+02	1.542588e+03	3.084050e+03	4.130422e+03	1.012633e+03
[2736]	3.949737e+03	4.793787e+03	4.701305e+03	4.110873e+03	5.052150e+03
[2741]	4.844789e+03	2.812214e+03	2.069491e+03	2.585752e+03	5.210548e+02
[2746]	2.334787e+03	3.996048e+03	6.105096e+03	1.923329e+03	4.206911e+03
[2751]	2.998567e+03	4.903188e+03	2.954040e+03	3.250415e+03	9.075556e+02
[2756]	2.936961e+03	3.409432e+03	3.172176e+03	8.172917e+02	4.649519e+03
[2761]	4.088710e+03	4.261899e+03	3.130605e+03	1.337714e+03	5.949569e+03
[2766]	2.813714e+03	3.047245e+03	2.992937e+03	4.261091e+03	6.106352e+03
[2771]	2.713728e+03	3.687559e+03	3.665789e+03	6.978785e+03	8.520575e+01
[2776]	2.476970e+03	6.130465e+03	3.860003e+03	3.639036e+03	5.659231e+02
[2781]	1.297882e+03	4.299896e+03	3.422876e+03	5.053196e+03	1.720468e+03
[2786]	4.215267e+03	5.305425e+03	3.792478e+03	3.092168e+03	2.827945e+03
[2791]	3.712708e+03	1.243237e+03	9.502381e+02	1.831535e+03	-1.834606e+03
[2796]	3.886561e+03	2.638673e+03	3.849006e+03	9.609089e+02	3.008394e+03
[2801]	6.027328e+03	3.197979e+03	8.657709e+02	3.124916e+03	1.487324e+03
[2806]	2.466170e+03	4.714103e+03	1.776727e+03	4.809344e+03	1.168638e+03
[2811]	3.182457e+03	2.313161e+03	3.493261e+02	4.434738e+03	1.589783e+03
[2816]	3.885263e+03	3.825985e+03	4.816798e+02	3.420745e+03	6.485835e+03
[2821]	9.719683e+02	2.048564e+03	2.915395e+03	1.434305e+03	3.985417e+03
[2826]	2.445236e+03	2.244044e+03	2.694558e+03	3.598668e+03	1.012529e+03
[2831]	3.046241e+03	1.382882e+03	4.056249e+03	1.937816e+03	5.250114e+03
[2836]	1.668103e+03	2.878145e+03	3.859690e+03	3.798286e+03	3.037350e+03

[2841]	5.807527e+02	3.002794e+03	3.042741e+03	3.539385e+03	3.702822e+03
[2846]	2.581920e+03	2.560379e+03	4.738737e+03	1.701563e+03	6.931453e+02
[2851]	8.859455e+01	1.827616e+03	2.821690e+03	5.263535e+03	3.416645e+03
[2856]	5.139818e+03	1.253629e+03	4.623848e+03	2.970098e+03	3.958622e+03
[2861]	3.347924e+03	4.527190e+03	1.536915e+03	6.453580e+03	9.620366e+02
[2866]	3.836967e+03	2.241048e+03	3.409219e+03	6.547552e+03	5.475210e+03
[2871]	3.515220e+03	9.967083e+02	3.715207e+03	4.089144e+03	5.213644e+03
[2876]	1.318998e+03	2.443706e+03	1.285182e+03	2.977523e+03	3.622338e+03
[2881]	5.589942e+03	2.465797e+03	2.704041e+03	3.596163e+02	3.302580e+03
[2886]	2.495683e+03	6.209474e+03	5.079600e+03	3.614197e+03	4.926137e+03
[2891]	1.253673e+03	1.817311e+03	1.769610e+03	1.983967e+03	1.560624e+03
[2896]	3.239608e+03	4.610164e+03	3.822657e+03	2.469213e+03	2.286221e+03
[2901]	4.199258e+03	4.045769e+03	9.448266e+02	3.518337e+03	2.212444e+03
[2906]	5.697504e+03	1.760011e+03	5.643159e+03	3.919874e+03	2.549606e+03
[2911]	9.718329e+02	2.572793e+03	2.517087e+03	4.161169e+03	4.068706e+03
[2916]	2.909139e+03	2.999163e+03	5.160172e+03	6.677425e+03	3.439611e+03
[2921]	4.816691e+03	4.815176e+03	3.130137e+03	3.862361e+03	2.200680e+03
[2926]	3.529575e+03	8.716131e+02	2.150866e+03	4.562146e+03	4.763105e+03
[2931]	1.754102e+03	9.020759e+02	1.533791e+03	1.793049e+02	3.640268e+03
[2936]	3.832432e+03	3.929749e+03	4.163822e+03	2.210644e+03	3.890907e+03
[2941]	2.323971e+03	2.014385e+03	1.985547e+03	2.908946e+03	3.586551e+03
[2946]	4.770861e+03	1.427501e+03	5.907645e+03	4.315165e+03	3.768853e+03
[2951]	5.714299e+03	7.251838e+03	4.304960e+03	3.659331e+03	3.880843e+03
[2956]	7.158576e+03	3.750650e+03	2.413106e+03	1.944384e+03	3.144945e+03
[2961]	1.379335e+03	4.115896e+03	4.230973e+03	4.591640e+03	1.471402e+03
[2966]	2.333130e+03	4.230142e+03	-3.872716e+02	2.527500e+03	3.167680e+03
[2971]	4.021221e+03	8.017645e+02	5.948020e+03	3.854879e+03	4.189601e+03
[2976]	4.734457e+03	3.676488e+03	1.418425e+03	3.046992e+03	1.663267e+03
[2981]	3.554766e+02	2.396734e+03	3.486990e+03	5.418543e+03	2.438255e+03
[2986]	4.595066e+03	3.170419e+03	3.665876e+03	3.075495e+03	4.920122e+03
[2991]	5.617052e+03	3.894863e+03	2.746630e+03	4.450930e+03	4.924433e+03
[2996]	2.609765e+03	5.126413e+03	1.495906e+03	9.143977e+02	4.113686e+03
[3001]	2.322801e+03	1.868981e+03	1.861464e+03	2.854012e+03	1.631986e+03
[3006]	6.637231e+02	7.216057e+02	4.169395e+03	-1.947505e+01	3.812217e+03
[3011]	3.319841e+03	3.713522e+03	1.851815e+03	1.791013e+03	4.536717e+03
[3016]	5.150718e+03	6.170165e+03	3.726644e+03	1.885694e+03	3.585106e+03
[3021]	2.179025e+03	3.700486e+03	3.875003e+03	3.957384e+03	4.430882e+03
[3026]	5.159497e+03	5.361407e+03	5.321745e+03	4.950811e+03	4.202688e+02
[3031]	6.362251e+03	5.578502e+03	2.114935e+03	2.363128e+03	5.555865e+03
[3036]	4.439198e+03	2.716004e+03	3.378228e+03	1.556074e+03	3.230830e+03
[3041]	4.672566e+03	4.745722e+03	4.339070e+03	3.092775e+03	4.523100e+03
[3046]	3.554813e+03	2.690681e+03	4.451037e+03	4.196024e+03	4.740669e+03
[3051]	6.732335e+03	3.831367e+03	1.916035e+03	4.499572e+03	6.002566e+03

[3056]	6.418896e+02	5.094436e+03	3.276803e+03	2.618962e+03	2.562444e+03
[3061]	5.190482e+02	2.730677e+03	3.479333e+03	3.734387e+03	2.477040e+03
[3066]	5.309179e+03	4.795073e+03	3.291451e+03	1.122899e+03	3.443020e+03
[3071]	5.995086e+03	3.854252e+03	3.842402e+03	2.625152e+03	1.430453e+03
[3076]	1.679596e+03	6.868795e+03	2.715044e+03	2.668591e+03	2.671839e+03
[3081]	3.280491e+03	3.885233e+03	2.550304e+03	2.513905e+03	3.210466e+02
[3086]	6.107331e+03	1.789402e+03	2.639301e+03	4.457764e+03	8.371109e+02
[3091]	4.878326e+03	2.388557e+03	4.003956e+03	3.253951e+03	6.034084e+03
[3096]	3.784043e+03	3.713988e+03	3.682505e+03	2.704907e+03	3.849530e+03
[3101]	3.420821e+03	2.757008e+03	7.526481e+03	4.933224e+03	2.608510e+03
[3106]	1.234850e+03	2.752914e+03	2.449216e+03	1.651572e+03	3.969531e+03
[3111]	5.701465e+03	4.473194e+03	2.442002e+03	4.390604e+03	5.662431e+03
[3116]	4.139810e+03	4.319506e+03	5.732361e+03	3.629597e+03	4.971995e+03
[3121]	1.582714e+03	3.381820e+03	7.595078e+02	2.305990e+03	4.676175e+03
[3126]	2.114800e+03	5.165361e+03	1.712156e+03	2.171968e+03	3.183531e+03
[3131]	5.720666e+02	5.154251e+02	2.692097e+03	4.832709e+03	4.612964e+03
[3136]	3.788226e+03	3.072187e+03	1.782141e+03	1.589153e+03	6.176601e+03
[3141]	2.583601e+02	4.584002e+03	3.634691e+03	1.321515e+03	6.807770e+03
[3146]	1.461087e+03	1.259005e+03	5.167570e+03	4.050252e+03	1.873185e+03
[3151]	1.177248e+03	1.860912e+03	1.216608e+03	2.833971e+03	3.464022e+03
[3156]	3.225344e+03	1.314952e+03	2.911015e+03	3.920413e+03	4.579242e+03
[3161]	4.108257e+03	5.220800e+03	5.001943e+03	3.920858e+03	3.611446e+02
[3166]	1.451737e+03	3.139988e+03	3.225754e+03	5.648915e+03	1.259230e+03
[3171]	1.652723e+03	2.797066e+03	4.372865e+03	4.498562e+03	4.108819e+03
[3176]	2.755793e+03	6.690888e+03	4.629802e+03	3.045010e+03	3.621189e+03
[3181]	1.324616e+03	4.849711e+03	2.794762e+03	3.453937e+03	2.394161e+03
[3186]	2.742585e+03	3.650072e+03	3.824161e+03	2.959851e+03	2.306482e+03
[3191]	2.878640e+03	6.516410e+03	2.560207e+03	3.338801e+03	4.268598e+03
[3196]	2.033225e+03	3.837062e+03	4.029561e+03	4.279687e+03	6.381694e+03
[3201]	3.304938e+03	1.457552e+03	1.361402e+03	2.903615e+03	4.734004e+03
[3206]	4.250562e+03	3.672258e+03	2.225827e+03	3.857293e+03	1.760850e+03
[3211]	3.227372e+03	5.838897e+03	-6.304431e+00	1.410012e+03	2.336876e+03
[3216]	6.363056e+03	2.565603e+03	3.815080e+03	2.683274e+03	1.734144e+03
[3221]	5.650871e+03	1.878033e+03	2.758728e+03	5.104077e+03	3.299508e+03
[3226]	3.749781e+03	2.718265e+03	2.474247e+03	2.723697e+03	3.664234e+03
[3231]	3.868299e+03	2.540363e+03	6.360263e+03	3.014624e+03	2.122474e+03
[3236]	3.962704e+03	3.362428e+03	2.068639e+03	1.848492e+03	2.408434e+03
[3241]	4.828086e+03	3.117926e+03	8.434170e+03	3.888058e+03	4.295186e+03
[3246]	4.006211e+03	1.315734e+03	3.846115e+03	4.721583e+03	3.498354e+03
[3251]	3.932088e+03	2.462392e+03	1.145590e+03	4.633852e+03	5.486302e+03
[3256]	4.281547e+03	3.307373e+03	3.226083e+03	3.804078e+03	4.713613e+03
[3261]	2.410429e+03	3.915368e+03	2.317090e+03	2.813253e+03	3.132931e+03
[3266]	4.406377e+03	4.549794e+03	1.460656e+03	2.479901e+03	1.779506e+03



[3271]	3.162364e+03	4.902226e+02	2.984798e+03	4.146292e+03	5.204727e+03
[3276]	3.263689e+03	4.166673e+03	8.379502e+02	5.288833e+03	4.959047e+03
[3281]	5.283341e+03	4.221655e+03	2.096586e+03	2.424472e+03	2.217407e+03
[3286]	4.244804e+03	4.072405e+03	4.298161e+03	1.024088e+03	2.647144e+03
[3291]	3.820211e+03	2.387858e+03	4.786615e+03	4.512074e+03	3.620303e+03
[3296]	-1.764657e+02	3.043300e+03	4.398016e+03	4.703244e+03	2.281072e+03
[3301]	2.884281e+03	5.694526e+03	2.662854e+03	5.422113e+03	4.188187e+03
[3306]	3.017318e+03	2.178783e+03	2.071104e+03	3.748635e+03	1.776533e+03
[3311]	5.337376e+03	5.149171e+03	5.392771e+03	4.223382e+03	4.208563e+03
[3316]	5.219922e+03	7.785448e+03	2.711798e+03	2.072742e+03	3.780973e+03
[3321]	1.137969e+03	3.941098e+03	2.040569e+03	3.906271e+03	4.653804e+03
[3326]	2.863344e+03	3.420851e+03	4.614626e+03	2.674865e+03	7.280029e+03
[3331]	6.813436e+03	5.921538e+03	4.742947e+03	4.425059e+03	5.547716e+03
[3336]	4.897877e+03	2.106460e+03	3.015589e+03	2.065938e+03	3.238661e+03
[3341]	3.529216e+03	3.574799e+03	2.264255e+03	2.814971e+03	5.459145e+03
[3346]	3.992453e+03	2.628179e+02	-2.666204e+02	4.135179e+03	2.147862e+03
[3351]	4.878082e+03	5.239626e+03	7.185107e+02	3.666330e+03	4.043480e+03
[3356]	3.638305e+03	3.218117e+03	2.564687e+03	4.370264e+03	3.453273e+03
[3361]	4.479174e+03	4.659210e+03	3.666126e+03	4.254114e+03	3.124105e+03
[3366]	2.782365e+03	2.736855e+03	4.514523e+03	4.022524e+03	2.874122e+03
[3371]	1.328623e+03	5.070218e+03	4.494246e+03	4.487983e+03	3.891859e+03
[3376]	5.183446e+03	5.564923e+03	1.296197e+03	3.937853e+03	1.317566e+03
[3381]	5.688552e+03	4.070673e+03	4.688772e+03	1.194162e+03	3.593372e+03
[3386]	1.331217e+03	2.606980e+03	3.889023e+03	2.751439e+03	-7.597020e+01
[3391]	1.971860e+03	4.382714e+03	5.085752e+03	3.527406e+03	1.951316e+03
[3396]	4.859207e+03	4.052506e+03	4.619041e+03	2.024245e+03	1.745107e+03
[3401]	1.862608e+03	2.569284e+02	3.394507e+03	4.614623e+03	4.716949e+03
[3406]	5.887034e+03	2.657526e+03	7.812831e+02	4.693721e+03	3.812546e+03
[3411]	4.520149e+02	3.423988e+03	2.776578e+03	4.937134e+03	4.676077e+03
[3416]	6.052073e+03	6.061550e+03	6.841914e+03	4.904941e+03	3.953405e+03
[3421]	1.477018e+03	4.431335e+03	3.033306e+03	4.685905e+03	2.252609e+03
[3426]	2.850137e+03	4.875755e+03	5.603802e+03	3.552560e+03	3.492254e+03
[3431]	3.126688e+03	5.128418e+03	2.621890e+03	4.540028e+03	5.861172e+02
[3436]	1.721623e+03	5.023624e+03	1.669812e+03	2.904577e+03	2.445035e+03
[3441]	2.091376e+03	3.606047e+03	4.050712e+03	3.812789e+03	4.805377e+03
[3446]	-1.313121e+03	5.613543e+03	4.100370e+03	3.200707e+03	2.461614e+03
[3451]	3.836121e+03	2.747678e+03	5.360598e+03	5.944565e+03	3.187911e+02
[3456]	1.218266e+03	3.564852e+03	4.025122e+02	-2.108760e+02	5.905890e+03
[3461]	4.702748e+03	2.738391e+03	2.777418e+03	3.721364e+03	2.963219e+03
[3466]	5.915281e+03	2.812668e+03	4.712213e+03	4.623757e+03	3.637905e+03
[3471]	6.734087e+03	3.659360e+03	3.377272e+03	5.350590e+03	3.997883e+03
[3476]	4.262369e+03	5.168821e+03	2.871984e+03	4.982197e+02	2.109956e+03
[3481]	2.922331e+03	4.879818e+03	2.510219e+03	2.478868e+03	2.435317e+03

[3486]	3.837910e+03	1.335969e+03	4.776881e+03	4.813193e+03	4.793904e+03
[3491]	4.321003e+03	3.111376e+03	5.204058e+03	4.177864e+03	5.120120e+03
[3496]	2.023367e+03	3.004690e+03	4.428924e+03	3.799015e+03	1.450990e+03
[3501]	3.994147e+03	3.493310e+03	5.072932e+03	2.560169e+03	3.197202e+03
[3506]	3.008378e+03	2.842065e+02	3.201053e+03	3.978489e+03	1.562585e+03
[3511]	3.249593e+03	4.510992e+03	1.853221e+03	1.257493e+03	4.072847e+03
[3516]	4.581673e+03	3.320600e+03	3.083740e+03	1.713236e+03	1.080183e+03
[3521]	3.301759e+03	2.397962e+03	2.327594e+03	3.376242e+02	5.084285e+03
[3526]	1.851192e+03	2.268170e+03	6.458770e+03	3.925459e+03	7.911102e+02
[3531]	4.430285e+03	5.122890e+03	1.414491e+03	1.623066e+03	5.364795e+03
[3536]	3.666844e+03	3.813934e+03	1.888851e+03	5.582103e+03	3.976856e+03
[3541]	2.659641e+03	2.237422e+03	1.353923e+03	1.185729e+03	5.887159e+03
[3546]	2.293480e+03	4.002355e+03	4.113580e+03	5.654069e+03	3.313263e+03
[3551]	4.098227e+03	1.798572e+03	4.755149e+03	2.456423e+03	4.643488e+03
[3556]	4.203634e+03	1.048613e+03	1.072392e+03	4.715563e+03	4.324043e+03
[3561]	3.288212e+03	4.648751e+03	4.736267e+03	2.729822e+03	3.366590e+03
[3566]	2.379538e+03	3.332208e+03	3.347309e+03	5.579960e+03	4.990741e+03
[3571]	4.061585e+03	2.755173e+03	3.055546e+03	5.945947e+03	4.523952e+03
[3576]	4.520964e+03	4.533202e+03	3.024414e+03	1.212520e+03	-2.255349e+02
[3581]	4.022670e+03	1.280907e+03	5.039190e+03	4.276399e+03	3.550937e+03
[3586]	4.689900e+03	4.980705e+03	1.810656e+03	6.469194e+03	2.099368e+03
[3591]	4.149995e+03	6.502336e+03	3.159327e+03	1.537611e+03	4.336953e+03
[3596]	1.015134e+02	2.395790e+03	1.617303e+03	1.650154e+03	4.309652e+03
[3601]	2.601902e+03	2.899865e+03	3.777245e+03	5.433506e+03	1.528476e+03
[3606]	6.371084e+03	5.102518e+03	4.339065e+03	5.791460e+03	2.278544e+03
[3611]	3.651449e+03	3.346638e+03	1.689704e+03	3.069902e+03	3.181001e+03
[3616]	3.416340e+03	4.666833e+03	7.004941e+03	2.585936e+03	2.088508e+03
[3621]	2.502814e+03	2.551293e+03	-1.191897e+03	4.827323e+03	3.350615e+03
[3626]	2.026356e+03	2.768678e+03	3.041026e+03	1.915919e+03	2.100031e+03
[3631]	4.897447e+03	4.223176e+03	3.288606e+03	3.087278e+03	3.560174e+03
[3636]	4.501755e+03	1.796493e+03	5.853992e+03	2.442001e+03	3.377574e+03
[3641]	2.719542e+03	2.546158e+03	5.719480e+03	3.230166e+03	3.775090e+03
[3646]	2.285643e+03	6.733148e+03	2.835807e+03	9.313790e+02	3.322532e+03
[3651]	4.684655e+03	4.899397e+03	4.239236e+03	2.531479e+03	5.418820e+03
[3656]	2.222725e+03	2.512128e+03	3.558011e+03	2.061164e+03	5.322333e+03
[3661]	6.625121e+03	2.644108e+03	4.094337e+03	2.332785e+03	2.725999e+03
[3666]	4.046441e+03	4.205729e+03	3.671364e+03	3.399199e+03	3.455974e+03
[3671]	4.962030e+03	2.467166e+03	2.969043e+03	2.388044e+03	4.407251e+03
[3676]	1.326309e+03	1.671648e+03	3.764346e+03	4.961440e+03	3.668675e+03
[3681]	6.589131e+03	4.885147e+03	2.138582e+03	5.623538e+03	3.721192e+03
[3686]	2.613104e+03	1.247258e+03	4.874627e+02	4.098337e+03	4.624540e+03
[3691]	3.124334e+03	2.676235e+03	3.877699e+03	7.618822e+02	-9.615188e+02
[3696]	2.579928e+03	2.357309e+03	5.550270e+03	7.740141e+02	4.579001e+03

[3701]	4.158937e+03	4.969961e+03	2.569098e+03	3.645372e+03	5.313139e+03
[3706]	2.135541e+03	1.136647e+03	3.638729e+03	1.753196e+03	4.865855e+03
[3711]	1.983054e+03	3.049253e+03	1.462104e+02	3.407626e+03	4.934680e+03
[3716]	4.251390e+03	4.024376e+03	3.698484e+03	3.917534e+03	3.763728e+03
[3721]	3.798328e+03	1.422180e+03	2.354526e+03	3.962547e+03	2.380305e+03
[3726]	3.186514e+03	2.466612e+03	1.618421e+03	3.585789e+03	3.427089e+03
[3731]	1.117495e+03	-3.969278e+02	-5.954894e+02	4.383374e+03	2.191403e+03
[3736]	4.600420e+03	2.512416e+03	5.351733e+03	1.536852e+03	3.786470e+03
[3741]	2.469862e+03	4.644312e+03	2.726317e+03	2.981176e+03	2.638470e+03
[3746]	1.876805e+03	2.301526e+03	6.214221e+03	1.788671e+03	2.507028e+03
[3751]	3.261021e+03	2.920379e+03	2.340264e+03	2.640168e+03	4.452222e+03
[3756]	4.507941e+03	3.570883e+03	4.184984e+03	1.601632e+03	3.560304e+03
[3761]	3.859180e+03	4.197035e+03	1.286413e+03	4.316838e+03	3.470790e+03
[3766]	4.025263e+03	7.824950e+02	6.331749e+03	2.058950e+03	3.379837e+03
[3771]	2.043435e+03	5.714027e+03	4.941431e+03	4.062848e+03	4.458318e+03
[3776]	4.546506e+03	4.465000e+03	2.275983e+03	3.521092e+03	2.781596e+03
[3781]	1.205183e+03	3.583510e+03	2.773680e+03	2.453013e+03	9.329364e+02
[3786]	3.317126e+03	4.257975e+03	2.653973e+03	4.362943e+03	3.579868e+03
[3791]	4.481335e+03	3.033838e+03	2.489465e+03	3.165025e+03	2.252274e+03
[3796]	3.417562e+03	-4.825206e+01	4.778610e+03	2.596937e+03	2.011796e+03
[3801]	4.102221e+03	4.672859e+03	-7.773919e+02	3.076928e+03	3.549839e+03
[3806]	3.411960e+03	1.889941e+03	3.986999e+03	6.025430e+03	-4.767768e+02
[3811]	9.133684e+02	1.817499e+03	5.582196e+03	5.460805e+03	5.290064e+03
[3816]	1.006634e+03	2.203903e+03	4.418000e+03	3.315582e+03	3.767506e+03
[3821]	4.473715e+03	3.954368e+03	3.992522e+02	2.246094e+03	6.727437e+03
[3826]	2.942001e+03	2.174154e+03	1.406907e+03	4.218115e+02	2.178301e+03
[3831]	1.817045e+03	3.121337e+03	2.297484e+03	3.119945e+03	4.831522e+03
[3836]	2.061438e+03	2.487260e+03	3.890812e+03	5.759249e+03	3.778602e+03
[3841]	2.910579e+03	2.689499e+03	6.213831e+03	3.164902e+03	5.575108e+03
[3846]	2.719341e+03	3.586566e+03	3.338900e+03	5.741534e+03	3.226882e+03
[3851]	1.758270e+03	1.558054e+03	5.471522e+03	2.882408e+03	4.382262e+03
[3856]	2.923918e+03	2.246284e+03	4.384543e+03	2.283067e+03	3.605884e+03
[3861]	5.025056e+03	2.288295e+03	2.922377e+03	3.400955e+03	1.759006e+03
[3866]	5.652068e+03	2.938939e+03	4.951693e+03	2.548373e+03	3.744762e+03
[3871]	4.630850e+03	4.552616e+03	3.594037e+03	1.455577e+03	1.723986e+03
[3876]	2.404798e+03	2.720637e+03	1.157579e+03	3.259274e+03	4.272892e+03
[3881]	1.832276e+03	6.225237e+03	5.151525e+03	2.888735e+03	2.176807e+03
[3886]	1.363817e+03	3.612845e+03	4.167723e+03	3.564794e+03	-1.376258e+02
[3891]	6.337545e+02	3.579222e+03	2.162781e+03	3.218451e+03	1.896036e+03
[3896]	5.022287e+03	3.166575e+03	2.660047e+03	3.016529e+03	3.960513e+03
[3901]	1.115747e+03	3.644552e+03	6.744989e+03	6.707849e+03	2.193984e+03
[3906]	2.923451e+03	2.188495e+03	1.645803e+03	9.327928e+02	3.390726e+03
[3911]	1.024595e+03	4.993110e+03	3.875639e+03	2.770669e+03	2.612473e+03

[3916]	2.438639e+03	4.081307e+03	2.003970e+03	5.150517e+03	4.388427e+03
[3921]	3.064657e+03	6.147892e+03	2.752192e+03	2.050833e+03	1.381577e+03
[3926]	2.987955e+03	5.197122e+03	3.201880e+03	3.015159e+03	6.269976e+03
[3931]	1.561723e+03	2.135812e+03	3.096422e+03	2.315585e+03	2.239079e+03
[3936]	1.834912e+03	2.761836e+03	6.993686e+03	-1.901837e+02	5.221202e+03
[3941]	2.342950e+03	4.701523e+03	7.396055e+03	5.622555e+03	2.900888e+03
[3946]	2.613539e+03	3.089948e+03	2.509188e+03	7.294857e+02	4.856864e+02
[3951]	1.543785e+03	3.131587e+03	3.230743e+03	5.341428e+03	1.906417e+03
[3956]	5.170739e+03	3.925386e+03	4.554091e+03	1.372699e+03	5.827531e+03
[3961]	5.102978e+03	2.708353e+03	2.298854e+03	2.838537e+03	1.119808e+03
[3966]	2.792877e+03	6.323051e+03	1.271512e+03	3.239950e+03	4.920038e+03
[3971]	5.748495e+02	6.759452e+03	2.142469e+03	3.930005e+03	1.340940e+03
[3976]	1.258716e+03	5.063059e+03	3.130446e+03	1.924149e+03	3.007824e+03
[3981]	4.016670e+02	3.544706e+03	2.342881e+03	2.331264e+03	4.476735e+03
[3986]	6.806425e+03	1.377022e+03	9.086219e+01	2.160789e+03	4.130295e+03
[3991]	4.647422e+03	2.206650e+03	4.223420e+03	9.889947e+02	2.208607e+03
[3996]	2.337603e+03	4.018581e+03	4.121633e+03	2.703947e+03	3.983981e+03
[4001]	2.607292e+03	4.694299e+03	3.264182e+03	3.884899e+03	1.503203e+03
[4006]	3.498129e+03	7.151641e+03	6.015732e+03	3.376863e+03	4.316417e+03
[4011]	4.918066e+03	3.896521e+03	4.061418e+03	4.808725e+03	3.435240e+03
[4016]	2.246988e+03	3.549279e+03	2.353481e+03	2.695179e+03	6.647695e+03
[4021]	2.688432e+03	4.537470e+03	2.668833e+03	2.509618e+03	1.602167e+03
[4026]	3.836353e+03	2.746540e+03	3.189408e+03	5.035082e+03	3.743100e+03
[4031]	2.756019e+03	3.811361e+03	-1.329624e+02	2.074648e+03	6.708750e+03
[4036]	3.601310e+02	4.731050e+03	5.320708e+03	6.739398e+03	3.695827e+03
[4041]	5.307449e+03	2.276069e+03	3.732932e+03	4.544928e+03	3.962661e+03
[4046]	3.119536e+03	5.716163e+03	3.709221e+03	3.056078e+03	3.073648e+03
[4051]	3.114910e+03	1.610277e+03	2.328208e+03	3.572421e+03	2.389051e+03
[4056]	4.306293e+03	1.672775e+03	4.057156e+03	1.479742e+03	2.934215e+03
[4061]	2.184020e+03	4.020398e+03	3.214921e+03	3.521398e+03	2.149020e+03
[4066]	2.523686e+03	2.173470e+03	4.662428e+03	2.540726e+03	1.823414e+03
[4071]	3.767744e+03	5.482946e+03	4.066372e+03	8.335234e+02	3.613260e+03
[4076]	-2.707281e+02	3.463630e+03	1.359636e+02	5.715263e+03	3.369079e+03
[4081]	4.121557e+03	4.120072e+03	3.654379e+03	3.610265e+03	6.547401e+03
[4086]	2.950936e+03	1.326826e+03	4.405274e+03	5.372600e+03	3.520062e+03
[4091]	2.721217e+03	4.421113e+03	9.457884e+02	4.183427e+03	4.731694e+03
[4096]	1.360713e+03	5.148002e+03	1.906260e+03	4.216037e+03	4.075669e+03
[4101]	3.928317e+03	4.786603e+03	1.460123e+03	2.292649e+03	1.972226e+03
[4106]	1.587089e+03	2.526701e+03	-1.475794e+02	4.649359e+03	3.984046e+03
[4111]	5.216897e+03	4.113172e+03	5.091000e+03	4.291392e+03	2.494358e+03
[4116]	3.921522e+03	1.494781e+03	1.890016e+03	2.421864e+03	2.703137e+02
[4121]	4.706584e+03	8.224462e+02	3.455981e+03	3.285511e+03	7.886422e+03
[4126]	1.440276e+03	1.063706e+03	3.313903e+03	4.859859e+03	3.841106e+03

[4131]	2.813719e+03	7.738184e+01	4.905940e+03	3.806676e+03	1.085696e+03
[4136]	2.887331e+03	1.863214e+03	5.969075e+03	4.543005e+03	3.320898e+03
[4141]	3.159593e+03	7.107518e+02	2.210502e+03	3.300972e+03	3.954725e+03
[4146]	3.830453e+03	6.477916e+03	2.992870e+03	2.332706e+03	2.116781e+03
[4151]	4.279366e+03	4.221054e+03	5.091919e+03	2.097830e+03	3.629199e+03
[4156]	5.330101e+03	2.604249e+03	3.569516e+03	9.253744e+02	1.848109e+03
[4161]	1.723603e+03	1.515838e+03	1.740815e+03	2.740434e+03	5.074282e+03
[4166]	6.330653e+03	1.732367e+03	1.298261e+03	3.033520e+03	9.629403e+02
[4171]	2.331661e+03	3.878737e+03	2.325345e+03	4.263917e+03	1.965282e+03
[4176]	3.473322e+03	4.536095e+03	4.063744e+03	2.607636e+03	4.068339e+03
[4181]	2.954025e+03	3.238191e+03	2.017169e+03	2.454440e+03	2.223865e+03
[4186]	5.434615e+03	1.791798e+03	2.905569e+03	4.434954e+03	2.405684e+03
[4191]	4.130379e+03	2.876205e+03	3.227236e+03	4.844073e+02	1.534673e+03
[4196]	2.292449e+03	1.186744e+03	4.587318e+03	2.213279e+03	2.504108e+03
[4201]	3.037925e+03	2.110568e+03	2.748270e+03	3.205013e+03	2.867863e+03
[4206]	4.299398e+03	3.341955e+03	5.744241e+03	4.092657e+03	2.374584e+03
[4211]	3.848689e+03	3.697953e+03	2.192138e+03	3.202637e+03	3.582600e+03
[4216]	2.204064e+03	1.805450e+03	2.547766e+03	3.394825e+03	4.612841e+03
[4221]	5.278260e+03	4.611124e+03	3.667712e+03	2.362964e+03	5.504370e+03
[4226]	1.674031e+03	3.237834e+03	2.688027e+03	3.267295e+03	1.900627e+03
[4231]	2.186988e+03	1.536591e+03	6.566928e+02	6.847719e+03	2.327118e+03
[4236]	2.297335e+03	4.122934e+03	3.100363e+03	4.203025e+03	5.162609e+03
[4241]	1.717276e+03	6.498840e+03	3.737587e+03	4.993602e+03	2.668523e+03
[4246]	3.670255e+03	3.430921e+03	4.424285e+03	3.461722e+03	3.154145e+03
[4251]	3.759611e+03	5.199398e+03	3.028499e+03	2.771470e+03	2.974758e+03
[4256]	1.748808e+03	2.422622e+03	4.382042e+03	3.308652e+03	4.249691e+03
[4261]	5.953126e+03	9.361712e+02	1.501289e+03	5.805560e+03	4.439248e+03
[4266]	2.091190e+03	3.439575e+03	4.400023e+03	2.275559e+03	7.239258e+02
[4271]	4.513782e+03	3.031603e+03	6.719104e+03	1.660476e+03	5.895136e+03
[4276]	3.147071e+03	3.829719e+03	3.691460e+03	2.376872e+03	1.429043e+03
[4281]	2.757921e+03	5.239634e+03	1.118032e+03	3.890236e+03	2.512807e+03
[4286]	1.654016e+03	4.531958e+03	5.057808e+03	1.506718e+03	5.341604e+03
[4291]	5.308556e+03	4.432033e+03	3.253115e+03	4.080840e+03	3.026607e+03
[4296]	4.860359e+03	1.725492e+03	4.618488e+03	2.794945e+03	1.313558e+03
[4301]	2.963802e+03	4.017532e+03	2.136286e+03	2.187904e+03	1.306009e+02
[4306]	1.942199e+03	1.150988e+03	8.000383e+02	4.896798e+03	3.238928e+03
[4311]	1.378933e+03	3.410203e+03	2.128365e+03	8.606616e+02	2.697096e+03
[4316]	1.847785e+03	4.811352e+03	2.090297e+03	3.868681e+03	3.675578e+03
[4321]	2.181063e+03	2.838003e+03	3.637776e+03	2.690086e+03	1.446497e+03
[4326]	1.374678e+03	3.146286e+03	4.731694e+03	7.057795e+02	3.189394e+03
[4331]	3.332448e+03	2.389821e+03	4.108440e+03	3.921578e+03	3.910936e+02
[4336]	4.114310e+03	4.687590e+03	1.392313e+03	4.741479e+03	3.585632e+03
[4341]	3.460175e+03	2.429864e+03	1.522738e+03	2.598507e+03	4.208396e+03

[4346]	4.479366e+03	5.030077e+03	2.141242e+03	3.678777e+03	2.213701e+02
[4351]	4.510960e+03	3.907784e+03	1.724377e+03	3.845312e+03	4.315471e+03
[4356]	2.086349e+03	3.283566e+03	2.220887e+03	-4.403283e+02	4.455307e+03
[4361]	3.257034e+03	4.418704e+03	4.217258e+03	-7.619162e+02	3.520779e+03
[4366]	2.956415e+03	5.375585e+03	4.152149e+03	3.137287e+03	5.118806e+03
[4371]	2.446283e+03	3.618907e+03	8.001890e+02	3.884679e+03	3.738861e+03
[4376]	2.542318e+03	5.861100e+03	1.655741e+03	4.406307e+03	2.121724e+03
[4381]	6.502693e+03	1.765699e+03	4.337113e+02	2.937539e+03	4.592282e+03
[4386]	4.755160e+03	1.418960e+03	3.485752e+03	3.494785e+03	6.717672e+03
[4391]	4.372400e+03	5.353221e+03	4.270908e+03	4.248450e+03	1.972384e+03
[4396]	2.323561e+03	3.079026e+03	4.755923e+03	3.123562e+03	5.041497e+03
[4401]	3.347279e+03	3.198122e+03	1.084815e+03	2.388170e+03	2.538925e+03
[4406]	4.341646e+03	3.606668e+03	3.799287e+03	4.883462e+03	2.434354e+03
[4411]	5.510790e+03	6.397484e+03	5.361553e+03	1.947535e+03	4.585687e+03
[4416]	7.916165e+03	5.021949e+03	4.339175e+03	3.328468e+03	5.177696e+03
[4421]	4.346632e+03	4.502013e+03	2.693725e+03	1.720924e+03	4.937337e+03
[4426]	3.435899e+03	4.841027e+03	1.840769e+03	4.151462e+03	1.613514e+03
[4431]	2.165561e+03	3.191992e+03	3.688465e+03	2.223911e+03	9.635426e+02
[4436]	2.340299e+03	2.629776e+03	4.842617e+03	5.068200e+03	9.022543e+02
[4441]	3.598388e+03	1.673702e+03	1.950971e+03	2.848992e+03	6.172016e+03
[4446]	4.764594e+03	3.282787e+03	3.377929e+03	4.307814e+03	9.193618e+02
[4451]	2.496376e+03	3.731963e+03	2.828468e+03	1.151489e+03	2.375827e+03
[4456]	5.590628e+03	2.552015e+03	2.428236e+03	2.683460e+03	4.549480e+02
[4461]	2.367444e+03	3.219933e+03	4.762716e+03	4.308512e+03	4.453452e+03
[4466]	3.845604e+03	2.624006e+03	1.124502e+03	1.877455e+03	4.088402e+03
[4471]	3.523070e+03	2.417668e+03	2.803361e+03	3.064000e+03	2.193555e+03
[4476]	2.360995e+03	2.923250e+03	8.791585e+02	5.661066e+03	5.312431e+03
[4481]	1.889973e+03	3.092095e+03	5.466828e+03	5.417992e+03	4.753891e+03
[4486]	6.013733e+03	5.441624e+03	3.128915e+03	1.920362e+03	3.643171e+03
[4491]	2.089459e+03	3.184255e+03	4.863781e+03	3.072960e+03	1.887798e+03
[4496]	2.287628e+03	5.603261e+03	3.181853e+03	5.640643e+03	3.454567e+03
[4501]	4.576235e+03	2.201917e+03	4.369746e+03	3.403676e+03	3.768733e+03
[4506]	4.788580e+03	2.754490e+03	3.702499e+03	4.819446e+03	3.889762e+03
[4511]	2.178565e+03	5.385025e+03	3.290872e+03	5.149214e+03	5.591041e+03
[4516]	3.380497e+03	1.856708e+03	3.571807e+03	1.549952e+03	-1.262371e+02
[4521]	2.230475e+03	4.793824e+03	5.264169e+03	3.570896e+03	3.018543e+03
[4526]	8.452613e+03	4.635731e+03	6.511664e+03	1.839692e+03	5.004696e+03
[4531]	4.827198e+03	3.229421e+03	9.440743e+02	2.222811e+03	2.508105e+03
[4536]	1.038189e+02	3.684024e+03	3.665082e+03	1.000904e+03	2.072770e+03
[4541]	3.761629e+03	5.794072e+03	1.546776e+03	5.012288e+03	3.137690e+03
[4546]	5.029601e+03	2.873088e+03	4.665699e+03	4.342664e+03	6.178199e+02
[4551]	5.253217e+03	3.826467e+03	1.381093e+03	6.412449e+03	6.355710e+02
[4556]	5.589902e+03	5.731362e+03	3.837522e+03	1.477721e+03	4.768019e+03

[4561]	-3.440687e+02	2.826690e+03	2.740000e+03	3.535401e+03	3.313357e+03
[4566]	3.067462e+03	5.459677e+03	-1.501670e+03	5.158271e+03	2.934995e+03
[4571]	4.812639e+03	3.264211e+03	2.294475e+03	5.371353e+03	2.965011e+03
[4576]	3.163529e+03	-6.060185e+02	5.358600e+03	2.072005e+03	3.285028e+03
[4581]	1.862562e+03	6.452573e+03	2.777064e+03	1.079583e+03	1.281718e+03
[4586]	3.436575e+03	3.538694e+03	4.923915e+03	3.000717e+03	1.702928e+03
[4591]	7.823407e+02	1.137602e+03	5.331650e+03	4.277242e+03	4.328752e+03
[4596]	3.922228e+03	3.735907e+03	3.144760e+03	2.545285e+03	2.362128e+03
[4601]	1.843355e+03	5.308010e+03	3.974962e+03	2.449429e+03	5.338555e+03
[4606]	1.986794e+03	4.431245e+03	1.956545e+03	1.047062e+03	6.135434e+03
[4611]	2.562972e+03	4.960562e+03	4.919854e+03	5.039859e+03	7.659009e+02
[4616]	9.417357e+02	3.293638e+03	2.766325e+03	4.444112e+03	2.564195e+03
[4621]	4.102260e+03	1.438407e+03	2.624243e+03	2.142893e+03	2.397567e+03
[4626]	2.494983e+03	2.275660e+03	4.789197e+03	4.368617e+03	2.758776e+03
[4631]	5.378374e+03	3.014106e+03	2.847764e+03	3.168610e+03	1.759401e+03
[4636]	1.342217e+03	9.172907e+02	1.108757e+03	4.319949e+03	2.371440e+03
[4641]	1.228359e+03	4.103405e+03	2.903534e+03	1.631827e+03	3.059943e+02
[4646]	6.363885e+03	3.397679e+03	1.920735e+03	3.190683e+03	2.369434e+01
[4651]	3.966456e+03	3.149968e+03	6.357552e+03	4.889334e+03	3.242634e+03
[4656]	1.987708e+03	3.274693e+03	2.240909e+03	2.477696e+03	9.344247e+02
[4661]	2.357545e+03	4.734512e+03	2.899412e+03	3.748205e+03	3.317929e+03
[4666]	2.699556e+03	2.007081e+03	4.169785e+03	4.174367e+03	1.547933e+03
[4671]	1.764011e+03	3.860110e+03	1.854359e+03	2.906518e+03	9.601236e+02
[4676]	5.574345e+02	4.388901e+03	3.931726e+03	2.858332e+03	4.439272e+03
[4681]	8.292978e+02	5.585365e+03	3.811370e+03	5.374255e+03	1.072891e+03
[4686]	4.746127e+02	1.743109e+03	1.220511e+03	9.547644e+02	4.150023e+03
[4691]	4.284664e+03	2.602731e+03	2.863809e+03	7.348024e+03	2.470080e+03
[4696]	3.226982e+03	5.070070e+03	2.967123e+03	2.349450e+03	4.095414e+03
[4701]	5.022189e+03	-7.628093e+00	1.513798e+02	3.035355e+02	2.845899e+03
[4706]	2.930150e+03	3.774613e+03	2.250901e+03	1.655715e+03	1.736460e+03
[4711]	5.941195e+03	4.102745e+03	3.828707e+03	5.221188e+03	2.352322e+03
[4716]	1.912848e+03	3.413047e+03	3.992204e+03	2.916584e+03	2.436491e+03
[4721]	5.709098e+03	4.130410e+03	2.697051e+03	3.435774e+03	4.756561e+03
[4726]	1.093961e+03	8.287416e+02	2.684006e+03	1.386624e+03	6.660422e+03
[4731]	-1.128020e+03	3.577928e+03	1.731466e+03	3.290444e+03	2.870182e+03
[4736]	8.796812e+02	1.059851e+03	1.956564e+03	1.799677e+03	3.829414e+03
[4741]	2.491253e+03	5.562250e+03	3.850109e+03	4.434849e+03	4.299285e+03
[4746]	6.020121e+03	4.010054e+03	1.517362e+03	3.098175e+03	4.225940e+03
[4751]	2.046053e+03	5.089093e+03	3.711318e+03	3.400560e+03	4.113727e+03
[4756]	2.247519e+03	1.937258e+03	3.791151e+03	5.071156e+03	2.292597e+03
[4761]	2.575957e+03	5.364679e+03	3.386712e+03	1.444128e+03	4.892941e+03
[4766]	1.935401e+02	4.952723e+03	4.899272e+03	-7.648044e+01	1.788203e+03
[4771]	2.811751e+03	1.431964e+03	3.832852e+03	3.331330e+03	3.060486e+03

[4776]	4.542138e+03	5.286036e+03	4.179497e+03	1.212117e+03	1.582876e+03
[4781]	1.787729e+03	3.038528e+03	9.801072e+02	2.853282e+03	3.675561e+03
[4786]	3.094985e+03	1.623646e+03	1.764760e+03	4.610123e+03	6.609893e+03
[4791]	1.654084e+03	5.145913e+03	3.435928e+03	4.185639e+03	5.507565e+02
[4796]	2.423623e+03	-1.171044e+03	2.905538e+03	4.109499e+03	4.914823e+03
[4801]	1.727585e+03	2.947008e+03	5.286038e+03	1.557163e+03	5.637236e+03
[4806]	5.436429e+03	4.715293e+03	2.697854e+03	3.390236e+03	3.670222e+03
[4811]	1.320957e+03	2.651348e+03	2.508622e+03	2.283319e+02	2.840671e+03
[4816]	3.533378e+03	4.011273e+03	4.500791e+03	2.733865e+03	1.661917e+03
[4821]	1.997229e+03	1.231766e+03	5.823953e+03	2.676610e+03	2.292022e+03
[4826]	2.674953e+03	4.505605e+03	2.381060e+03	4.584837e+03	2.538673e+03
[4831]	3.073691e+03	-6.883019e+02	3.568403e+03	3.488746e+03	2.328324e+03
[4836]	1.282719e+03	6.194930e+03	2.726702e+02	3.145488e+03	-3.884549e+02
[4841]	1.944687e+03	4.829758e+03	3.689337e+03	4.773891e+03	3.214608e+03
[4846]	5.511796e+03	3.952771e+03	4.219449e+03	5.346307e+03	3.362300e+03
[4851]	2.459331e+03	5.337708e+01	2.824373e+03	3.380212e+03	2.971042e+03
[4856]	4.243850e+02	2.077991e+03	3.010086e+03	3.160160e+03	2.486562e+03
[4861]	4.507591e+03	-1.255223e+02	5.534768e+03	4.803345e+03	4.203219e+03
[4866]	2.903907e+03	3.458954e+03	2.003114e+03	4.485235e+03	1.507533e+03
[4871]	4.746824e+03	5.011418e+03	6.557785e+03	6.800685e+03	6.201685e+03
[4876]	4.344339e+03	2.365380e+03	4.688531e+03	2.542218e+03	8.640581e+02
[4881]	4.744786e+03	2.686025e+03	4.921727e+03	3.475638e+03	2.361626e+03
[4886]	6.575638e+03	2.420794e+03	1.801492e+03	6.067721e+02	5.077745e+03
[4891]	4.239585e+03	1.859847e+03	3.476415e+03	5.462648e+02	5.436410e+03
[4896]	6.591946e+02	4.889698e+03	1.318479e+03	1.093836e+03	3.937479e+03
[4901]	2.838647e+03	2.887495e+03	2.854203e+03	1.689821e+03	2.135921e+03
[4906]	1.598795e+03	4.880267e+03	3.318548e+03	1.627017e+03	5.108994e+03
[4911]	4.782525e+03	3.059539e+03	4.321900e+03	2.602269e+03	5.021152e+03
[4916]	2.015454e+03	5.354345e+03	3.903531e+03	2.121845e+03	6.081925e+03
[4921]	3.222471e+03	2.406236e+03	4.229015e+03	2.203142e+03	2.777335e+03
[4926]	5.887954e+03	2.588332e+03	6.705109e+03	2.392405e+03	5.561794e+03
[4931]	1.172556e+03	4.645987e+03	2.986112e+03	3.622031e+03	2.007463e+03
[4936]	3.511403e+03	2.756211e+03	4.923689e+03	2.225134e+03	3.623872e+03
[4941]	4.412778e+03	4.351790e+03	3.370526e+03	8.483734e+02	1.487393e+03
[4946]	4.209464e+03	2.882100e+03	1.712119e+03	2.017469e+03	1.636421e+03
[4951]	5.886282e+03	2.153816e+03	5.313069e+02	4.123990e+03	4.003145e+03
[4956]	1.520325e+03	3.660448e+03	5.680163e+03	1.567343e+03	4.254597e+03
[4961]	2.981428e+03	1.564033e+03	2.460371e+03	2.734143e+03	4.253058e+03
[4966]	2.570847e+03	2.034047e+03	3.141253e+03	1.625223e+03	3.142653e+03
[4971]	3.775877e+03	4.073092e+03	5.559000e+03	2.899442e+03	3.587259e+03
[4976]	5.037029e+03	1.119424e+03	2.613370e+03	5.592829e+02	6.833093e+03
[4981]	1.743179e+03	3.436015e+03	3.549101e+03	3.813370e+03	2.698262e+03
[4986]	4.22248e+03	1.249390e+03	3.950646e+03	3.021581e+03	2.583122e+03



[4991]	3.874949e+03	1.393845e+03	3.870650e+03	3.682662e+03	4.507807e+03
[4996]	2.285435e+03	2.124267e+03	1.415271e+03	4.783193e+03	1.956908e+03
[5001]	3.004325e+03	4.069839e+03	3.594053e+03	1.989952e+03	3.745362e+03
[5006]	2.119554e+03	2.818702e+03	1.905427e+03	3.270957e+03	3.543316e+03
[5011]	-1.085024e+03	3.403550e+03	2.691545e+03	7.552999e+03	1.752622e+03
[5016]	2.056648e+03	5.043213e+03	2.700283e+03	1.731189e+03	5.773835e+03
[5021]	2.475698e+03	4.245628e+03	2.370279e+03	2.048731e+03	1.906988e+03
[5026]	4.870438e+03	3.063285e+03	4.744540e+03	3.594451e+03	4.756740e+03
[5031]	2.855018e+03	3.749168e+03	2.129254e+03	1.478618e+03	3.201113e+03
[5036]	1.628712e+03	1.846795e+02	3.996776e+03	1.543055e+03	1.528229e+03
[5041]	2.570694e+03	4.067507e+03	2.471934e+03	1.381090e+03	2.909639e+03
[5046]	6.746857e+03	6.289451e+03	5.282288e+03	1.339377e+03	8.029819e+02
[5051]	1.319393e+03	1.626860e+03	1.570167e+03	3.742328e+03	3.416319e+03
[5056]	2.684563e+03	1.380468e+03	3.081145e+03	3.071525e+03	2.545809e+03
[5061]	2.188114e+03	4.176674e+03	3.508396e+03	2.012831e+03	3.020012e+03
[5066]	2.067989e+03	4.381484e+03	3.615862e+03	4.186063e+03	4.394688e+03
[5071]	3.547857e+03	2.092385e+03	2.059762e+03	3.246647e+02	5.001227e+03
[5076]	-1.358374e+03	1.814690e+03	2.486301e+03	4.287999e+03	5.450859e+03
[5081]	6.839321e+02	6.782704e+03	1.687226e+03	1.234770e+03	2.254075e+03
[5086]	4.263186e+03	4.808408e+03	2.882628e+03	2.646920e+02	4.357286e+02
[5091]	4.272669e+03	2.583326e+03	4.156565e+03	3.284297e+03	2.999954e+03
[5096]	5.394439e+03	2.699094e+03	2.375368e+03	3.905711e+03	5.200860e+03
[5101]	3.111767e+03	6.973455e+03	7.648462e+03	2.425648e+03	4.515905e+03
[5106]	2.960030e+03	2.518084e+03	6.312224e+03	1.498229e+03	2.888353e+03
[5111]	5.293338e+03	1.862040e+03	3.757063e+03	3.225644e+03	5.010567e+03
[5116]	4.192121e+02	2.467531e+03	1.659758e+03	4.980940e+03	1.936311e+03
[5121]	2.676825e+03	1.701226e+03	1.233642e+03	4.473283e+03	4.616289e+03
[5126]	3.396799e+03	5.077740e+03	-2.529937e+02	3.330177e+03	2.094400e+03
[5131]	1.839378e+03	3.010093e+03	3.899651e+03	4.836935e+03	3.470213e+03
[5136]	5.735102e+03	5.839968e+03	1.897757e+03	5.152835e+03	1.140906e+03
[5141]	4.591443e+03	3.512118e+03	5.490115e+03	3.977785e+03	3.881404e+03
[5146]	5.776230e+03	3.177351e+03	2.807698e+03	1.150350e+03	2.128340e+03
[5151]	8.518240e+02	1.669391e+03	4.754934e+03	2.298376e+03	3.157294e+03
[5156]	5.066344e+03	9.590136e+02	2.604701e+03	5.032949e+03	4.265603e+03
[5161]	4.559601e+03	4.513328e+03	3.567639e+03	4.517358e+03	4.386463e+03
[5166]	1.614619e+03	1.593070e+03	2.172001e+03	1.805974e+03	4.850212e+03
[5171]	4.672180e+03	2.783149e+03	4.466653e+03	1.831927e+03	4.444429e+03
[5176]	5.522876e+03	4.812474e+03	4.270324e+03	2.824178e+03	3.255268e+02
[5181]	3.079434e+03	2.839882e+03	5.708181e+03	4.376614e+03	4.684286e+03
[5186]	4.062368e+03	5.984686e+03	4.732745e+03	3.156676e+03	4.207333e+03
[5191]	3.746165e+03	4.926584e+03	2.811017e+03	1.706567e+03	3.922257e+03
[5196]	4.552378e+03	4.340716e+03	2.843690e+03	8.151632e+02	1.548788e+03
[5201]	4.689130e+03	3.914380e+03	4.788349e+03	2.938565e+03	5.606556e+03

[5206]	2.702872e+03	4.075325e+03	3.683015e+03	7.396861e+02	2.512927e+03
[5211]	4.596081e+03	3.786242e+03	2.293640e+03	4.255194e+03	5.354994e+03
[5216]	5.221760e+03	1.521222e+03	3.263843e+03	1.958571e+03	3.716094e+03
[5221]	3.396592e+03	2.308034e+03	3.215439e+03	1.523621e+03	7.336659e+02
[5226]	1.554440e+03	3.736065e+03	2.505747e+03	8.482710e+02	6.255780e+02
[5231]	2.987292e+03	2.203256e+03	4.063519e+03	2.750512e+03	1.521663e+03
[5236]	3.145946e+03	5.780740e+03	3.362203e+03	4.758713e+02	4.891208e+02
[5241]	3.384682e+03	2.981612e+03	4.427462e+03	8.726700e+02	1.563397e+03
[5246]	2.636245e+03	5.920602e+03	3.907973e+03	2.685695e+03	3.041397e+03
[5251]	3.243541e+03	6.094583e+03	3.328929e+03	1.232594e+02	2.720747e+03
[5256]	1.965571e+03	5.273934e+03	3.517143e+03	4.113350e+03	5.338105e+03
[5261]	1.358848e+03	2.115571e+03	1.845025e+03	3.071046e+03	1.066734e+03
[5266]	3.423796e+03	1.248555e+03	4.853092e+03	4.530596e+03	2.183040e+03
[5271]	2.831484e+03	4.733765e+03	2.997247e+03	3.935278e+03	5.097710e+03
[5276]	3.139041e+03	4.837058e+03	3.155096e+03	3.244123e+03	4.032936e+03
[5281]	4.423197e+03	3.210435e+03	3.774840e+03	3.198642e+03	2.639167e+03
[5286]	1.420533e+03	3.251206e+03	3.167556e+03	3.722852e+03	6.270163e+03
[5291]	3.307818e+03	3.945245e+03	5.438662e+03	4.758287e+02	1.814524e+03
[5296]	2.542570e+03	2.122584e+03	8.370792e+03	6.851244e+02	2.078801e+03
[5301]	3.979862e+03	5.105852e+03	2.321363e+03	2.605121e+03	1.846886e+03
[5306]	5.532464e+03	4.699083e+03	2.602648e+03	3.526431e+03	3.245321e+03
[5311]	3.204191e+03	2.398918e+03	-9.104811e+02	3.502827e+03	1.698235e+03
[5316]	4.659668e+03	3.134461e+03	6.776865e+03	4.355575e+03	2.621432e+03
[5321]	5.012104e+03	4.749819e+03	2.571772e+03	2.570732e+03	2.349082e+03
[5326]	3.152273e+03	1.390036e+03	4.639618e+03	3.965096e+03	3.935935e+03
[5331]	4.693548e+03	1.628213e+03	1.358151e+03	8.434961e+02	1.527631e+02
[5336]	3.612605e+03	3.246119e+03	1.718015e+03	2.654269e+03	3.801560e+03
[5341]	2.147130e+03	3.476037e+03	2.567965e+03	2.097083e+03	2.706306e+03
[5346]	2.676010e+03	1.708728e+03	2.569612e+03	2.323793e+03	5.597341e+03
[5351]	6.042149e+02	3.648170e+03	2.718843e+03	4.163380e+02	3.113373e+03
[5356]	1.465437e+03	4.040546e+03	5.728935e+03	3.388084e+03	5.397846e+03
[5361]	1.560788e+03	1.556913e+03	3.297558e+03	2.507259e+03	2.911778e+03
[5366]	2.653900e+03	1.755883e+03	4.482421e+03	2.419097e+03	6.902190e+03
[5371]	2.473128e+03	2.299640e+03	-5.224932e+02	3.590841e+03	2.189254e+03
[5376]	4.450004e+03	2.161896e+03	2.536945e+03	4.685658e+03	5.197870e+03
[5381]	3.347175e+03	4.111044e+03	2.078633e+03	2.784482e+03	3.409801e+03
[5386]	5.317792e+03	3.049498e+03	3.990716e+03	2.861556e+02	3.370359e+03
[5391]	4.621602e+03	2.084767e+03	6.851601e+03	-1.289696e+03	2.804098e+03
[5396]	1.878325e+03	6.958190e+03	4.144930e+03	1.795495e+03	4.952862e+03
[5401]	3.656180e+03	5.528282e+03	3.724866e+03	3.217934e+03	4.032873e+03
[5406]	2.932632e+03	3.827551e+03	3.175786e+03	1.579927e+03	3.510571e+03
[5411]	2.226094e+03	3.061722e+03	1.654638e+03	4.098157e+03	1.310431e+03
[5416]	3.844196e+03	2.277488e+03	2.647877e+03	4.573066e+03	5.498096e+03

[5421]	-2.943731e+02	4.539268e+03	3.492698e+03	4.274416e+03	2.239994e+03
[5426]	2.589485e+03	3.067802e+03	3.435029e+03	2.536935e+03	2.466592e+03
[5431]	2.330811e+03	5.661954e+03	4.186643e+03	4.021755e+03	1.570969e+03
[5436]	2.555178e+03	4.838223e+02	1.564028e+03	3.969841e+03	3.339269e+03
[5441]	4.522998e+03	3.852161e+03	3.970416e+03	2.215807e+03	2.023959e+03
[5446]	9.923426e+01	2.871400e+03	1.579370e+03	1.475812e+03	2.347008e+03
[5451]	4.620302e+03	4.647526e+03	2.866404e+03	4.742073e+03	2.936879e+03
[5456]	8.474045e+02	1.878536e+03	4.611326e+03	1.993020e+03	3.348088e+03
[5461]	4.806446e+03	4.054056e+03	6.306335e+03	4.603749e+03	2.668736e+03
[5466]	6.248892e+03	3.409729e+03	1.520050e+03	2.441503e+03	2.309077e+03
[5471]	7.552221e+02	3.532341e+03	2.263790e+03	-1.078537e+02	1.820656e+03
[5476]	2.311570e+03	2.928885e+03	2.736065e+03	4.468853e+03	3.034996e+03
[5481]	2.367785e+03	3.286314e+03	5.903606e+01	6.239548e+03	5.262660e+02
[5486]	3.873963e+03	2.006438e+03	3.179537e+03	4.468906e+03	5.452507e+03
[5491]	6.237597e+02	-1.033588e+03	2.050027e+03	1.784895e+03	3.903242e+03
[5496]	2.273515e+03	2.735099e+03	4.865107e+03	4.538657e+03	2.463653e+03
[5501]	5.761701e+03	4.421018e+03	3.324589e+03	3.710143e+03	1.950786e+03
[5506]	1.997431e+03	7.912091e+02	2.897902e+03	2.812183e+03	6.175969e+03
[5511]	1.505301e+03	4.190561e+03	3.700146e+03	1.690417e+03	2.093030e+03
[5516]	6.925786e+03	3.647115e+03	3.068815e+03	2.099317e+03	1.374948e+03
[5521]	4.665976e+03	6.188578e+03	3.989626e+03	2.400968e+03	3.205562e+03
[5526]	1.234517e+03	4.465247e+03	3.766683e+03	4.547105e+03	1.132213e+03
[5531]	5.034460e+03	4.157865e+03	6.627371e+02	3.624920e+03	2.974324e+03
[5536]	1.224647e+03	3.318719e+03	5.375944e+03	4.616234e+03	2.213772e+03
[5541]	7.798982e+02	3.863622e+03	5.128872e+03	2.045213e+03	2.511300e+03
[5546]	5.026690e+03	1.127723e+03	3.935727e+03	4.969884e+03	1.891388e+03
[5551]	3.951958e+03	2.032632e+02	5.749192e+03	-1.290582e+02	4.482174e+03
[5556]	4.602645e+03	3.277225e+03	2.463598e+03	2.452931e+03	4.154653e+03
[5561]	2.459400e+03	4.229962e+03	2.435132e+03	5.875810e+03	1.983518e+03
[5566]	5.017720e+03	6.030291e+03	4.097284e+03	4.843915e+03	2.233954e+03
[5571]	4.780253e+03	3.034282e+03	3.550149e+03	4.508931e+03	4.872623e+03
[5576]	-3.965129e+02	4.758270e+03	2.245977e+03	3.700525e+03	2.638703e+03
[5581]	5.005357e+03	4.771670e+03	4.751239e+03	3.565031e+03	1.632567e+03
[5586]	4.166329e+03	3.556551e+03	4.013566e+03	2.421272e+03	4.737566e+03
[5591]	2.561070e+03	6.383263e+03	4.082339e+03	2.425113e+03	1.752340e+03
[5596]	5.053763e+03	2.840374e+03	3.042550e+03	4.964077e+03	6.296730e+02
[5601]	1.368160e+03	1.915184e+03	7.732258e-02	3.402530e+03	1.839974e+03
[5606]	1.188538e+03	2.201397e+03	1.140807e+03	2.487612e+03	3.468951e+03
[5611]	3.625052e+03	5.629210e+03	5.645562e+03	2.104790e+03	4.056671e+03
[5616]	6.384841e+02	3.707061e+03	3.132285e+03	4.463382e+03	2.797601e+03
[5621]	2.078963e+03	5.507412e+02	2.342359e+03	4.150487e+03	4.502667e+03
[5626]	3.868969e+03	4.271902e+03	7.267025e+03	5.657971e+03	1.787945e+03
[5631]	3.280875e+03	3.524988e+03	3.952284e+03	3.668318e+03	2.875467e+03

[5636]	3.003331e+03	3.796113e+03	2.901326e+03	3.848358e+03	4.245698e+03
[5641]	4.512113e+03	3.675967e+03	-1.812685e+03	5.857600e+03	1.374128e+03
[5646]	2.774018e+03	3.789038e+03	5.206484e+03	3.927722e+03	4.461316e+03
[5651]	3.201792e+03	3.184386e+03	5.852028e+03	4.874944e+03	4.500341e+03
[5656]	3.848919e+03	3.640386e+03	5.317162e+03	3.106878e+03	3.560849e+03
[5661]	3.463552e+03	2.740126e+03	4.758702e+03	1.851356e+03	4.323507e+03
[5666]	3.620547e+03	4.298303e+03	3.811009e+03	5.964274e+03	2.307854e+03
[5671]	5.766311e+03	4.120479e+03	3.693065e+03	1.150278e+03	3.425567e+03
[5676]	2.926495e+03	3.291843e+03	4.111907e+03	4.524376e+03	2.466015e+03
[5681]	2.562630e+03	4.427284e+03	2.801831e+03	2.011722e+03	2.647997e+03
[5686]	3.304907e+03	5.126697e+03	2.974651e+03	3.326801e+03	4.404004e+03
[5691]	2.183375e+03	2.215317e+03	-4.692171e+02	5.099538e+03	3.591319e+03
[5696]	3.347021e+03	1.676769e+03	1.124786e+03	3.180589e+03	6.905748e+02
[5701]	4.331721e+03	1.338609e+03	4.781727e+03	4.020722e+03	4.794898e+03
[5706]	1.238613e+03	2.540798e+03	4.782688e+03	3.014207e+03	3.547584e+03
[5711]	1.877028e+03	5.076018e+03	4.577739e+03	3.695131e+03	3.838160e+03
[5716]	1.809334e+03	4.862523e+03	3.412807e+03	5.631364e+03	1.661216e+03
[5721]	3.650641e+03	4.543546e+03	4.568575e+03	1.798236e+03	3.013553e+03
[5726]	3.072529e+03	3.988073e+03	3.240327e+03	6.162220e+03	1.644492e+03
[5731]	3.253552e+03	2.287142e+03	3.873287e+03	7.028740e+03	1.797210e+03
[5736]	5.320262e+03	3.279558e+03	3.241784e+03	7.426070e+02	2.382120e+03
[5741]	4.580140e+03	6.141269e+03	3.484756e+03	3.973500e+03	1.399324e+03
[5746]	4.686304e+03	3.743124e+03	1.695926e+03	4.314620e+03	3.153697e+03
[5751]	3.323816e+03	2.047714e+03	5.766943e+03	2.520639e+03	1.337699e+03
[5756]	4.852154e+03	3.664931e+03	3.852267e+03	5.521737e+03	3.040033e+03
[5761]	5.426966e+03	4.151818e+03	4.133884e+03	3.405220e+03	1.568119e+03
[5766]	4.347473e+03	5.554209e+03	4.495437e+03	5.291229e+03	4.216895e+03
[5771]	3.680033e+03	5.340111e+03	1.792058e+03	3.027750e+03	6.196723e+03
[5776]	2.056670e+03	3.188880e+03	5.434403e+03	2.501024e+03	3.758384e+03
[5781]	1.825125e+03	4.337212e+03	3.248377e+03	1.822265e+03	3.104906e+02
[5786]	2.156975e+03	1.875534e+03	1.731408e+03	2.241641e+03	3.716720e+03
[5791]	-2.537514e+02	6.575575e+03	5.169316e+03	4.223357e+03	2.721602e+03
[5796]	1.595236e+03	-2.288992e+02	2.015457e+03	5.208473e+03	5.667225e+03
[5801]	2.315265e+03	2.030473e+03	2.838929e+03	4.129926e+03	2.562876e+03
[5806]	9.410880e+02	3.458668e+03	-1.135269e+03	6.775621e+03	5.475090e+03
[5811]	3.751643e+03	3.411946e+03	3.653426e+03	2.946984e+03	3.994756e+03
[5816]	3.708768e+03	4.412239e+03	2.752187e+03	4.323381e+03	3.285647e+03
[5821]	1.946224e+03	5.121985e+03	3.024399e+03	1.510287e+03	5.877658e+03
[5826]	3.715205e+03	2.273090e+03	2.585367e+03	2.330049e+03	2.335978e+03
[5831]	3.855875e+03	2.324431e+03	3.157622e+03	5.113145e+03	4.669907e+03
[5836]	3.765102e+03	6.807643e+02	3.682467e+03	2.015009e+03	2.189963e+03
[5841]	5.221436e+03	2.485191e+03	7.843764e+02	4.359371e+03	2.358341e+02
[5846]	1.646073e+03	3.681698e+03	2.086475e+03	4.588128e+03	3.396158e+03

[5851]	2.547551e+02	2.864974e+03	3.002655e+03	1.383301e+03	5.939989e+03
[5856]	1.403515e+03	3.876205e+03	2.889699e+03	8.175047e+02	1.914353e+03
[5861]	2.186165e+03	5.999386e+03	4.429192e+03	2.332730e+03	3.156042e+03
[5866]	3.702780e+03	2.856249e+03	4.513010e+03	5.581883e+03	3.454285e+03
[5871]	4.382571e+03	3.993610e+03	3.046146e+03	4.109481e+03	1.467931e+03
[5876]	1.374045e+03	1.199715e+03	5.250044e+03	4.899331e+03	3.902942e+03
[5881]	2.819048e+03	1.993331e+03	-5.124847e+02	2.085873e+03	3.711814e+03
[5886]	1.845542e+03	5.083501e+03	1.707275e+03	3.297068e+03	2.934464e+03
[5891]	1.349965e+03	3.039210e+03	2.133788e+03	4.082450e+03	6.693359e+02
[5896]	2.640123e+03	2.425798e+03	4.675564e+03	4.254251e+03	2.713288e+03
[5901]	2.288405e+03	3.745570e+03	4.017050e+03	1.364568e+03	4.089796e+03
[5906]	5.243828e+03	1.921870e+03	2.464707e+03	2.536289e+03	3.293907e+03
[5911]	5.485668e+02	5.310068e+02	2.067195e+03	2.913222e+03	3.301628e+03
[5916]	5.693893e+03	1.935941e+03	3.190528e+03	3.120164e+03	2.903760e+03
[5921]	3.068858e+03	2.987350e+03	6.095558e+03	3.899644e+03	3.312723e+03
[5926]	4.433582e+03	5.521728e+03	3.922540e+03	9.869648e+02	6.101808e+03
[5931]	4.381495e+03	3.079906e+03	-8.758317e+01	1.327165e+03	5.527932e+03
[5936]	6.586714e+03	4.405536e+03	4.318581e+03	5.159637e+03	1.466534e+03
[5941]	2.578057e+03	5.673753e+03	4.205144e+03	2.002976e+03	2.613996e+03
[5946]	3.425333e+03	2.747467e+03	5.508979e+03	5.342732e+03	3.507399e+03
[5951]	3.243060e+03	4.332773e+03	2.159549e+03	3.335717e+03	2.472992e+02
[5956]	2.304859e+03	2.548417e+03	4.899553e+03	2.771731e+03	3.895835e+03
[5961]	2.576202e+03	2.743040e+03	2.648965e+03	2.545067e+03	5.175156e+03
[5966]	2.878361e+03	4.177490e+03	4.680183e+03	2.567244e+03	1.627150e+03
[5971]	6.449469e+03	1.003992e+03	1.235917e+03	5.186358e+03	4.853130e+03
[5976]	3.188576e+03	1.007666e+03	4.188956e+03	2.432482e+03	3.282414e+03
[5981]	2.527790e+03	4.390378e+03	-1.242533e+02	4.074316e+03	2.827672e+03
[5986]	1.246209e+03	4.956227e+03	6.516631e+02	2.444919e+03	4.597595e+03
[5991]	4.806860e+03	4.003812e+03	2.529664e+03	4.037855e+03	2.787537e+03
[5996]	4.669368e+03	2.370368e+03	1.353348e+03	4.388207e+03	1.922305e+03
[6001]	4.333290e+03	6.740853e+02	1.975225e+03	5.418111e+03	5.397649e+03
[6006]	1.660553e+03	3.264464e+03	2.839758e+02	2.629046e+03	3.427805e+03
[6011]	3.574813e+03	1.321796e+03	1.258468e+03	6.032397e+03	3.810362e+03
[6016]	3.116385e+03	3.550467e+03	1.869505e+03	5.215504e+03	2.919871e+03
[6021]	4.563840e+03	3.420589e+03	5.062755e+03	4.888032e+03	8.854124e+02
[6026]	1.098653e+03	6.545581e+03	1.904281e+03	3.616085e+03	2.347764e+03
[6031]	1.357189e+03	1.514995e+03	3.235200e+03	5.056446e+03	1.700513e+03
[6036]	2.682786e+03	3.589568e+03	2.424236e+03	3.342959e+03	3.512593e+03
[6041]	6.820913e+02	2.303050e+03	1.961185e+03	2.483728e+03	5.957459e+02
[6046]	3.526557e+03	2.330765e+03	5.873371e+01	5.832916e+02	3.748187e+03
[6051]	5.328030e+03	3.785610e+03	1.758592e+03	2.412236e+02	1.290279e+03
[6056]	4.888452e+03	3.083747e+03	8.919669e+02	2.642554e+03	5.622212e+03
[6061]	3.362133e+03	5.696853e+03	6.965499e+03	1.734472e+03	3.760236e+03

[6066]	3.698803e+03	1.808746e+03	3.625576e+03	4.506586e+03	5.693682e+03
[6071]	2.097917e+03	4.260793e+03	3.259387e+03	5.408034e+03	7.758531e+03
[6076]	4.483001e+03	6.485731e+03	1.026187e+03	4.856180e+03	1.684420e+03
[6081]	4.285567e+03	2.711059e+03	1.349679e+03	7.797864e+02	4.701177e+03
[6086]	1.823982e+03	2.587271e+03	3.677648e+03	1.480551e+03	3.957495e+03
[6091]	2.737488e+03	5.839358e+03	1.459147e+03	2.179091e+03	3.429173e+03
[6096]	3.072207e+03	3.264074e+03	2.723689e+02	4.308091e+03	2.415178e+03
[6101]	4.683490e+03	2.187637e+03	3.660505e+03	2.685531e+03	2.297153e+03
[6106]	3.343975e+03	2.988603e+03	3.724943e+03	5.355005e+03	3.918587e+03
[6111]	3.382645e+03	2.010641e+03	4.004081e+02	2.768152e+03	4.036471e+03
[6116]	2.061440e+03	2.207778e+03	1.613714e+03	2.759120e+03	1.304245e+03
[6121]	3.965536e+03	5.020670e+03	3.504575e+03	3.516080e+03	4.604521e+03
[6126]	2.863441e+02	1.691782e+03	6.387495e+03	2.122556e+03	3.228559e+03
[6131]	5.707285e+03	4.074188e+03	6.038850e+03	6.156100e+03	4.431583e+03
[6136]	3.265436e+03	1.387914e+03	5.757312e+03	1.263482e+03	2.823351e+03
[6141]	4.283814e+03	4.208706e+03	4.299736e+03	2.519990e+03	3.295963e+03
[6146]	4.197070e+03	2.645420e+03	4.408093e+03	2.915718e+03	2.812123e+03
[6151]	3.855324e+03	2.501604e+03	9.891954e+02	2.414373e+03	3.274740e+03
[6156]	4.245188e+03	2.310905e+03	6.419553e+03	2.061807e+03	4.176869e+03
[6161]	1.053644e+03	1.842325e+03	3.803280e+03	3.515986e+03	2.258250e+03
[6166]	1.174702e+03	3.583627e+03	3.612489e+03	5.011886e+03	4.131132e+03
[6171]	5.131322e+02	2.502687e+03	2.726368e+03	4.897505e+03	2.570061e+03
[6176]	2.727308e+03	1.903732e+03	1.054392e+03	6.527759e+03	2.062611e+03
[6181]	2.936426e+03	3.182955e+03	5.694804e+03	4.586805e+03	2.184027e+03
[6186]	4.655102e+03	4.674837e+03	2.687642e+03	3.541989e+03	5.449305e+03
[6191]	5.179888e+03	1.209167e+03	3.627070e+03	2.471009e+03	3.297343e+03
[6196]	3.701057e+03	3.444927e+03	3.891446e+03	5.357661e+03	5.185433e+03
[6201]	2.773341e+03	4.098709e+03	3.866772e+03	5.126698e+03	7.525890e+02
[6206]	3.839276e+03	2.953595e+03	7.498468e+02	4.084693e+03	7.628424e+02
[6211]	1.131171e+03	4.295693e+03	2.389314e+03	1.524051e+03	3.483358e+03
[6216]	2.931557e+03	1.257345e+03	4.538778e+03	1.218835e+03	2.846861e+03
[6221]	2.662871e+03	2.397257e+03	2.099441e+03	2.641459e+03	1.310852e+03
[6226]	2.951888e+03	3.645864e+03	3.510657e+03	4.710637e+03	3.297730e+03
[6231]	1.911815e+03	2.981109e+03	4.027418e+03	2.206283e+03	4.002360e+03
[6236]	5.198687e+03	4.354990e+03	2.077527e+03	1.167904e+03	1.381327e+03
[6241]	1.600428e+03	2.018897e+03	2.330269e+03	1.631445e+03	3.772666e+03
[6246]	2.005601e+03	3.414159e+03	5.365268e+03	6.032777e+03	1.705995e+03
[6251]	2.656328e+03	4.055940e+03	3.694534e+03	3.332547e+03	3.654887e+03
[6256]	3.542930e+03	2.837427e+03	2.143823e+03	1.530087e+03	4.418781e+03
[6261]	2.759168e+02	3.875702e+03	3.724312e+03	2.964854e+03	3.515290e+03
[6266]	4.094851e+03	6.438654e+03	4.594307e+03	4.698347e+03	5.252322e+03
[6271]	1.657625e+03	4.161521e+03	1.442478e+03	2.039734e+03	4.559161e+03
[6276]	4.243161e+02	2.493503e+03	3.089591e+02	5.275741e+03	2.870644e+03

[6281]	3.300667e+03	1.853313e+03	6.062940e+03	2.341262e+03	2.905384e+03
[6286]	8.011639e+02	4.245171e+03	2.444924e+03	1.903674e+03	2.936629e+03
[6291]	4.214396e+03	2.227364e+03	2.667181e+03	1.774974e+03	1.264733e+03
[6296]	3.087741e+03	2.606661e+03	4.350017e+03	4.651087e+03	4.254466e+03
[6301]	2.219271e+03	1.661385e+03	2.711724e+03	2.513961e+03	5.151293e+03
[6306]	2.197794e+03	7.111912e+02	2.956966e+03	3.884837e+03	4.783971e+03
[6311]	7.134072e+03	4.608551e+03	2.337652e+03	2.844270e+03	4.072460e+03
[6316]	3.813113e+03	3.709946e+03	5.727588e+03	7.184400e+03	6.864625e+03
[6321]	5.207986e+03	2.349937e+03	2.566736e+03	6.169474e+03	1.535397e+03
[6326]	2.527589e+03	5.081836e+03	2.310262e+03	1.421658e+03	3.803798e+03
[6331]	5.480371e+03	4.713594e+03	2.964014e+03	2.837199e+03	5.087836e+03
[6336]	4.534745e+03	5.271956e+03	2.878721e+03	3.714439e+03	4.840729e+03
[6341]	4.263426e+03	2.620771e+03	2.763699e+03	5.202406e+03	1.791194e+03
[6346]	3.030552e+03	-7.348040e+02	9.526055e+02	6.373494e+02	3.993330e+03
[6351]	2.116370e+03	6.055468e+03	1.334025e+03	4.501953e+03	2.722317e+03
[6356]	1.761198e+03	1.383630e+03	1.567689e+03	2.009423e+03	4.282553e+03
[6361]	5.653758e+03	1.958626e+03	-8.961508e+00	6.347700e+02	2.911215e+03
[6366]	-2.508728e+00	1.325920e+03	1.928593e+03	3.604850e+03	1.041236e+03
[6371]	2.605567e+03	2.411621e+03	5.794534e+03	2.496515e+03	5.102141e+03
[6376]	9.458960e+02	2.530873e+03	4.249414e+03	4.144681e+03	4.060631e+03
[6381]	4.375093e+03	5.742101e+03	1.236469e+03	4.365628e+03	4.045117e+03
[6386]	2.594082e+02	1.889855e+03	4.206688e+03	2.241288e+03	3.032661e+03
[6391]	3.127770e+03	-4.003673e+02	2.665950e+03	4.702911e+03	2.568745e+03
[6396]	5.116384e+03	3.191259e+03	3.011305e+03	3.245080e+03	3.172331e+03
[6401]	3.870105e+03	4.725310e+03	3.266580e+03	4.716616e+03	4.814971e+03
[6406]	4.092805e+03	1.969253e+03	3.798270e+02	1.177604e+03	5.618111e+03
[6411]	4.733469e+03	3.783009e+03	6.566995e+03	3.940157e+03	1.763615e+03
[6416]	1.757383e+03	4.793514e+03	3.501802e+03	-2.658328e+02	4.697621e+03
[6421]	1.093548e+03	1.502650e+03	4.679285e+03	4.611528e+03	2.376088e+03
[6426]	3.959286e+02	4.797429e+02	3.854137e+03	1.559889e+03	4.669786e+03
[6431]	3.144670e+03	1.211661e+02	4.150618e+03	7.340892e+03	4.309170e+03
[6436]	5.461558e+03	4.284274e+03	4.388272e+03	3.667148e+03	3.288467e+03
[6441]	2.695218e+03	3.902476e+03	4.001963e+03	2.965515e+03	5.315672e+03
[6446]	2.190011e+03	3.004126e+03	3.657692e+03	1.198593e+03	1.496003e+03
[6451]	1.840914e+03	6.121549e+03	4.147302e+03	4.706108e+03	6.416133e+03
[6456]	1.860759e+03	5.267039e+03	5.994989e+03	1.089911e+03	1.014584e+03
[6461]	3.193607e+03	1.645079e+03	2.634826e+03	1.421192e+03	6.008519e+03
[6466]	3.801173e+03	3.894994e+03	3.260723e+03	4.338163e+03	1.840664e+03
[6471]	6.711386e+02	4.335705e+03	4.036179e+03	5.412016e+03	1.863453e+03
[6476]	2.631661e+03	1.795027e+03	3.528466e+03	4.011249e+03	1.905899e+03
[6481]	4.817060e+02	3.927100e+03	7.986333e+03	2.647494e+03	3.044268e+03
[6486]	2.862237e+03	6.135589e+03	3.542458e+03	1.411620e+03	1.905068e+03
[6491]	2.690348e+03	2.762049e+03	3.140382e+01	4.468104e+03	1.969397e+03

[6496]	4.497823e+03	2.631474e+03	1.548347e+03	3.054638e+03	2.635189e+03
[6501]	3.468214e+03	3.644793e+03	2.795756e+03	3.763446e+02	4.372942e+03
[6506]	5.658553e+03	1.508562e+03	6.033132e+03	2.912296e+03	3.456405e+03
[6511]	6.494886e+03	4.975041e+03	3.737445e+03	3.208639e+03	3.749938e+03
[6516]	2.951408e+03	3.103641e+03	2.554042e+03	3.676999e+03	2.659788e+03
[6521]	1.748579e+03	5.037511e+03	5.750131e+03	2.045018e+03	3.393239e+03
[6526]	5.471201e+03	8.137011e+02	1.181624e+02	1.528189e+03	5.277638e+03
[6531]	5.847099e+03	3.671426e+03	7.710121e+03	5.255759e+03	5.727448e+03
[6536]	4.073022e+03	4.351127e+03	3.233636e+03	9.097171e+02	4.683713e+03
[6541]	2.297704e+03	3.280729e+03	3.495392e+03	-1.800900e+01	4.184254e+03
[6546]	3.898137e+03	2.928413e+03	2.306104e+03	6.284917e+03	5.359485e+03
[6551]	2.145576e+03	5.869409e+03	4.094918e+03	2.302862e+02	2.396582e+03
[6556]	3.297759e+03	3.677495e+03	4.114405e+03	3.475927e+03	4.217732e+03
[6561]	1.296680e+03	5.151516e+03	-7.995274e+01	4.541579e+03	3.516834e+03
[6566]	3.176241e+03	1.134402e+03	2.133950e+03	4.671280e+03	2.752351e+03
[6571]	2.278050e+03	1.684655e+03	9.309771e+02	-4.226095e+02	2.254953e+03
[6576]	3.796145e+03	4.606062e+03	5.041340e+03	4.113982e+03	5.717186e+03
[6581]	5.268474e+03	4.066862e+03	3.858956e+03	4.913885e+03	5.095414e+03
[6586]	3.259806e+03	8.472718e+03	3.933389e+03	3.717277e+03	3.612825e+03
[6591]	5.879579e+03	-7.331091e+02	3.138713e+03	3.961644e+03	4.205514e+03
[6596]	4.696859e+03	6.053908e+02	3.614787e+03	1.480267e+03	5.621679e+03
[6601]	2.442493e+03	3.590012e+03	3.226158e+03	2.903409e+03	1.489951e+03
[6606]	3.323297e+03	1.515761e+02	2.838948e+02	2.222736e+03	3.514256e+03
[6611]	5.880052e+03	2.980152e+03	3.663921e+03	1.347657e+03	6.114761e+03
[6616]	3.102503e+03	5.358421e+03	4.886165e+03	2.302964e+03	5.968801e+03
[6621]	1.672676e+03	2.593436e+03	3.488848e+03	3.743781e+03	3.606405e+03
[6626]	3.856505e+03	2.814897e+03	3.756841e+03	2.646500e+03	3.890808e+03
[6631]	3.527995e+03	2.254328e+03	2.443690e+03	1.517536e+03	2.229715e+03
[6636]	7.545697e+03	4.235218e+03	5.370917e+03	3.751490e+03	4.271061e+03
[6641]	5.493957e+03	3.645962e+03	7.424692e+03	2.914591e+03	1.230666e+03
[6646]	2.154866e+03	3.540604e+03	2.736853e+03	5.632787e+03	4.006056e+03
[6651]	1.393468e+03	3.618007e+03	1.866126e+03	4.191766e+03	4.144284e+03
[6656]	2.898484e+03	4.050480e+03	2.500957e+03	4.499587e+03	6.057813e+02
[6661]	4.276304e+03	-9.324196e+01	1.947765e+03	1.707534e+03	4.607246e+03
[6666]	4.702779e+03	3.224418e+03	1.799599e+03	4.408576e+02	4.018257e+03
[6671]	3.358767e+03	3.808272e+03	5.442852e+03	1.682052e+03	-7.717116e+01
[6676]	3.898688e+03	2.812489e+03	3.095875e+03	3.791216e+03	2.982306e+03
[6681]	5.277902e+03	2.291499e+03	1.730723e+03	4.857269e+03	3.250039e+03
[6686]	2.230469e+03	4.298951e+03	9.164477e+01	2.083579e+03	2.983416e+03
[6691]	5.242401e+03	1.228220e+03	5.580529e+03	5.472938e+03	2.654764e+03
[6696]	1.496832e+03	3.566303e+03	2.288337e+03	3.810708e+03	4.505273e+03
[6701]	3.771205e+03	3.100819e+03	2.109463e+03	1.062888e+02	5.634805e+03
[6706]	2.669489e+03	5.636859e+02	5.902686e+03	3.625463e+03	2.590301e+03



[6711]	3.054263e+03	4.043325e+03	6.931950e+03	4.888145e+03	5.403407e+03
[6716]	2.994654e+03	3.919312e+03	2.689266e+03	2.696936e+03	3.348137e+03
[6721]	1.028394e+03	3.211087e+03	2.970962e+03	1.043034e+03	1.582235e+03
[6726]	1.927008e+03	7.978525e+02	3.476351e+03	3.441685e+03	2.900191e+02
[6731]	1.918703e+03	2.880728e+03	3.715560e+03	2.129939e+03	4.457364e+03
[6736]	3.539228e+03	4.211606e+03	3.045278e+03	5.105681e+03	7.351484e+03
[6741]	2.721520e+03	2.136055e+03	6.877188e+03	4.379070e+03	3.452883e+03
[6746]	1.963304e+03	1.332754e+03	3.263236e+03	4.250174e+03	2.481199e+03
[6751]	3.919539e+03	1.031561e+03	4.198208e+03	4.478776e+03	1.020683e+03
[6756]	1.267880e+03	3.948644e+03	6.219431e+03	2.413847e+03	2.697138e+03
[6761]	3.789781e+03	3.222371e+03	4.688452e+03	1.432830e+03	3.360952e+03
[6766]	2.808967e+03	1.989566e+03	2.892730e+03	2.749922e+03	9.146749e+01
[6771]	3.442404e+03	4.797760e+03	7.080928e+02	3.356391e+03	5.246976e+03
[6776]	6.280228e+03	2.348777e+03	5.065594e+03	1.660669e+03	9.758995e+02
[6781]	1.514039e+03	3.253108e+03	3.276125e+03	2.472933e+02	2.853095e+03
[6786]	2.216718e+03	2.873882e+03	3.802093e+03	2.518087e+03	2.919453e+03
[6791]	2.711556e+03	3.688853e+03	6.106300e+03	5.434882e+03	1.424327e+03
[6796]	6.116498e+03	2.068809e+03	1.927370e+03	5.021808e+03	5.373380e+03
[6801]	3.897473e+03	7.342957e+02	4.188703e+03	2.008399e+03	2.914668e+03
[6806]	4.368132e+03	4.250341e+03	2.881562e+03	5.630854e+03	3.600732e+03
[6811]	3.157567e+03	1.896780e+03	3.912768e+03	7.144690e+02	3.414025e+03
[6816]	3.619688e+03	2.187928e+03	2.750398e+03	2.321742e+03	1.839541e+03
[6821]	5.569154e+03	4.522726e+03	2.419407e+03	5.131315e+03	4.181839e+03
[6826]	3.227834e+03	4.106384e+03	8.714278e+02	4.616981e+03	2.024833e+03
[6831]	1.313607e+03	3.342046e+03	1.627539e+03	3.346783e+03	2.926503e+03
[6836]	4.335325e+03	3.276965e+03	2.647123e+03	3.160262e+03	3.800927e+03
[6841]	1.819894e+03	9.291787e+02	4.344309e+03	-1.885644e+02	3.337602e+03
[6846]	5.790268e+03	9.714343e+02	3.838667e+03	3.493079e+03	6.040043e+02
[6851]	3.123980e+03	1.934527e+03	3.397614e+03	2.749398e+03	3.218076e+03
[6856]	5.668602e+03	2.968344e+03	8.611535e+02	2.034364e+03	4.729692e+03
[6861]	3.616418e+03	4.455785e+03	3.738279e+03	2.984100e+03	2.551467e+03
[6866]	6.519307e+03	4.776403e+03	5.561361e+03	4.353681e+03	4.779038e+03
[6871]	1.730190e+03	1.959192e+03	3.307985e+03	3.874544e+03	5.271001e+03
[6876]	4.576537e+03	2.665738e+03	2.899057e+03	4.366193e+03	4.703451e+03
[6881]	4.183950e+03	-6.749837e+02	4.102084e+03	2.763220e+03	3.783667e+03
[6886]	5.803344e+03	3.822927e+03	1.135568e+03	4.025138e+03	3.166930e+03
[6891]	3.131346e+02	3.277831e+03	2.629592e+03	2.822760e+03	5.652254e+03
[6896]	3.587470e+03	2.944392e+03	2.988709e+03	2.733411e+03	1.523845e+03
[6901]	3.637780e+03	5.769472e+03	5.314322e+03	2.303601e+03	4.897463e+03
[6906]	4.220604e+03	4.660723e+03	2.561090e+03	3.430937e+03	2.794346e+03
[6911]	4.321303e+03	2.127631e+03	2.649161e+03	3.737948e+03	5.654281e+03
[6916]	3.744681e+03	4.002604e+03	3.388219e+03	5.091858e+03	4.017926e+03
[6921]	3.172823e+03	4.153604e+03	5.747437e+03	3.112830e+03	4.251984e+03

[6926]	2.189512e+03	4.270403e+03	4.792621e+03	4.436195e+03	2.829101e+03
[6931]	3.053143e+03	6.015991e+03	1.010645e+03	3.717227e+03	3.442311e+03
[6936]	1.462907e+02	4.038675e+02	4.119615e+03	2.942863e+03	2.407970e+03
[6941]	3.800267e+03	4.087950e+03	3.173399e+03	3.541035e+03	1.913821e+03
[6946]	4.376876e+03	1.813774e+03	4.961492e+03	3.992008e+03	1.541886e+03
[6951]	3.809190e+03	1.577126e+03	4.638378e+03	3.643039e+03	1.903228e+03
[6956]	3.013313e+03	5.247855e+03	4.188316e+03	5.516118e+03	2.784115e+03
[6961]	2.687079e+03	7.207948e+03	1.793106e+03	3.081544e+03	3.393986e+03
[6966]	3.572353e+03	4.377478e+03	1.060781e+03	1.768526e+03	2.393581e+03
[6971]	2.471860e+03	2.038401e+03	3.257874e+03	4.346230e+03	6.139043e+02
[6976]	2.812365e+03	3.124339e+03	3.155081e+03	2.381934e+03	2.183174e+03
[6981]	2.815728e+03	3.665661e+03	2.691275e+02	4.763991e+03	2.623577e+03
[6986]	2.349100e+03	4.435223e+03	4.388930e+03	1.621709e+03	1.323565e+03
[6991]	3.450025e+03	2.053070e+03	4.183885e+03	2.048928e+03	1.684564e+03
[6996]	1.997111e+03	3.499320e+03	2.948493e+03	3.431580e+03	3.218044e+03
[7001]	6.306604e+03	2.649321e+03	4.426034e+03	5.028922e+03	4.176769e+03
[7006]	4.387628e+03	3.877159e+03	5.821962e+03	1.460903e+03	5.020139e+03
[7011]	3.927564e+03	2.910015e+03	4.236905e+03	2.280478e+03	3.335445e+03
[7016]	7.269060e+03	5.578485e+03	1.074704e+03	1.770664e+03	3.603403e+03
[7021]	5.727647e+03	5.036019e+03	4.945453e+03	4.947358e+03	3.478500e+03
[7026]	3.695236e+03	3.837143e+03	4.018480e+03	2.353255e+03	2.865099e+03
[7031]	3.879517e+03	2.214541e+03	2.281964e+03	3.709789e+03	5.216468e+02
[7036]	3.110575e+03	1.999690e+03	2.062296e+03	1.401642e+03	1.285925e+03
[7041]	3.053061e+03	2.578574e+03	3.807088e+03	5.942001e+03	6.936618e+03
[7046]	4.800688e+03	4.900373e+03	3.135082e+03	2.514179e+03	3.245759e+03
[7051]	4.360811e+03	3.931878e+03	1.996131e+03	2.144850e+03	2.857775e+03
[7056]	3.093380e+03	4.120247e+03	3.333856e+03	3.083603e+03	2.264267e+03
[7061]	9.346640e+02	3.387896e+03	4.206636e+03	1.652349e+03	6.214125e+03
[7066]	3.366076e+03	2.739136e+03	2.645838e+03	1.855469e+03	2.341146e+03
[7071]	4.830279e+03	2.682103e+03	2.191728e+03	2.907904e+03	3.496059e+03
[7076]	2.689784e+03	2.884664e+03	8.386883e+02	4.582024e+03	2.427073e+03
[7081]	2.306988e+03	1.766358e+03	5.731379e+03	3.870124e+03	3.005931e+03
[7086]	6.343797e+02	3.204231e+03	4.746779e+03	3.262966e+03	3.359277e+03
[7091]	1.372356e+03	4.096341e+03	3.824651e+03	4.184553e+03	4.146326e+03
[7096]	4.469268e+03	5.100093e+03	2.789840e+03	5.176156e+03	5.446678e+03
[7101]	4.897896e+03	3.467232e+03	3.116877e+03	7.104513e+02	2.722790e+03
[7106]	4.986725e+03	3.313747e+03	1.339055e+03	4.776326e+03	2.080572e+03
[7111]	3.673525e+03	2.845962e+03	2.779706e+03	5.746256e+03	5.941183e+03
[7116]	4.690986e+03	2.374974e+03	1.363460e+03	4.016434e+03	5.935578e+03
[7121]	-1.775768e+03	2.074992e+03	4.127939e+03	8.138748e+03	2.859703e+03
[7126]	1.816089e+03	5.330656e+03	4.885576e+03	2.055825e+03	5.433580e+03
[7131]	1.088697e+03	3.883603e+03	1.410191e+03	2.605320e+03	5.775051e+03
[7136]	1.848077e+03	3.496935e+02	2.840127e+03	1.443544e+03	1.742375e+03

[7141]	2.326146e+03	5.189358e+03	5.084673e+03	3.788410e+03	2.636483e+03
[7146]	1.698694e+03	1.534478e+03	4.511605e+03	1.462560e+03	4.571834e+03
[7151]	4.468186e+03	1.721363e+03	3.604095e+03	2.828796e+03	1.112338e+03
[7156]	3.237160e+03	4.682003e+03	4.910023e+02	3.298538e+03	7.102833e+03
[7161]	2.863902e+03	2.137817e+03	2.984959e+03	2.832467e+03	4.665125e+03
[7166]	4.243693e+03	2.671284e+03	1.872443e+02	2.495734e+02	2.229043e+03
[7171]	5.309425e+03	3.749272e+03	3.937628e+03	6.843010e+03	2.408332e+03
[7176]	3.025793e+03	2.446799e+03	1.566625e+03	1.974408e+03	4.715999e+03
[7181]	3.348660e+03	6.165093e+03	6.467157e+03	4.200456e+03	6.359806e+03
[7186]	3.401957e+03	4.081909e+03	3.131628e+03	4.253584e+03	3.761126e+03
[7191]	3.600413e+03	2.611838e+03	3.540729e+03	1.283985e+03	3.610268e+03
[7196]	4.753626e+03	5.057739e+03	2.120246e+03	3.547219e+03	5.193968e+03
[7201]	2.291686e+03	2.910123e+03	1.314970e+03	5.446341e+03	4.268407e+03
[7206]	2.458097e+03	2.773652e+03	1.986364e+03	5.518237e+03	2.601623e+03
[7211]	5.772156e+03	3.589808e+03	-1.174752e+03	6.192692e+03	5.678192e+03
[7216]	3.843567e+03	3.373154e+03	2.387653e+03	3.983422e+03	7.051500e+03
[7221]	6.154421e+02	3.643939e+03	6.425802e+03	1.386228e+03	1.068087e+03
[7226]	3.625266e+03	2.232723e+03	3.254998e+03	4.945848e+03	2.936954e+03
[7231]	3.139416e+03	3.910859e+03	4.304246e+03	3.760963e+03	4.713361e+03
[7236]	2.492337e+03	-8.763431e+02	3.428389e+03	3.596837e+03	1.926635e+03
[7241]	2.592227e+03	2.393750e+03	5.490838e+03	3.085797e+03	3.102120e+03
[7246]	4.233289e+03	3.931561e+03	2.282068e+03	3.318181e+03	3.001384e+03
[7251]	1.927593e+03	3.064208e+03	5.123966e+03	5.069312e+03	3.295958e+03
[7256]	3.976997e+03	4.013166e+03	3.007055e+03	3.044837e+03	1.332459e+03
[7261]	3.348831e+03	4.405377e+03	3.972881e+03	4.193368e+03	3.954052e+03
[7266]	4.915043e+03	4.279973e+03	6.288338e+03	2.497524e+03	2.653843e+03
[7271]	5.370476e+03	2.521505e+03	3.340594e+03	1.361646e+03	3.456626e+02
[7276]	1.006243e+03	2.061013e+03	1.183121e+03	4.084702e+03	1.929148e+03
[7281]	2.662865e+03	1.559220e+03	6.025212e+03	1.990347e+03	5.245681e+01
[7286]	5.235789e+03	3.791912e+03	7.858823e+03	5.845567e+03	5.283498e+03
[7291]	4.134929e+03	3.428933e+03	5.050905e+03	4.256001e+03	5.085533e+03
[7296]	5.715786e+03	1.764504e+03	3.440129e+03	3.187307e+03	2.447637e+03
[7301]	2.582001e+03	3.905344e+03	3.894830e+03	6.253405e+03	1.953169e+03
[7306]	1.375170e+03	2.046258e+03	8.766139e+00	3.404869e+03	8.087801e+02
[7311]	4.933654e+03	1.503378e+03	2.602743e+03	3.884685e+03	3.307431e+03
[7316]	3.931862e+03	1.833145e+03	3.887034e+03	1.035627e+03	5.817503e+03
[7321]	3.578344e+03	2.995076e+03	4.127332e+03	4.270095e+03	6.036718e+03
[7326]	4.756132e+03	5.056506e+03	3.145699e+03	4.930326e+03	3.392027e+03
[7331]	7.751226e+02	6.944987e+03	2.819666e+03	3.826642e+03	3.905527e+03
[7336]	3.575330e+03	2.985787e+03	4.840437e+03	2.626157e+03	5.251341e+03
[7341]	4.724733e+03	5.272713e+03	3.945160e+03	3.586691e+03	4.809787e+03
[7346]	3.705630e+03	2.434622e+03	2.209186e+03	1.930909e+03	1.146476e+03
[7351]	2.643913e+03	3.427334e+03	3.031502e+03	2.590202e+03	4.186519e+03

[7356]	1.346369e+03	2.894595e+03	1.597469e+03	3.007376e+03	4.279417e+03
[7361]	4.089751e+03	2.006880e+03	2.278601e+03	4.391092e+03	5.641849e+03
[7366]	3.520422e+03	1.827155e+03	2.895829e+03	4.057590e+03	3.751565e+03
[7371]	5.336725e+02	3.286405e+03	4.054470e+03	4.471149e+03	4.636645e+03
[7376]	3.030734e+03	2.054954e+03	3.811517e+03	2.486365e+03	2.525292e+03
[7381]	5.413363e+03	4.109533e+03	3.157876e+03	1.897166e+03	1.296928e+03
[7386]	2.317349e+03	1.892333e+03	3.804517e+03	4.321971e+03	1.596375e+03
[7391]	9.017302e+03	1.227335e+03	1.566051e+03	3.316066e+03	3.754021e+03
[7396]	-1.682161e+02	4.781668e+03	5.418490e+03	1.509223e+03	1.911063e+03
[7401]	1.997137e+03	5.022801e+03	4.619552e+02	3.310629e+02	5.285798e+03
[7406]	4.488075e+03	4.017016e+03	3.789398e+03	4.162992e+03	4.160983e+03
[7411]	5.245996e+03	3.397824e+03	2.020819e+03	3.196433e+03	5.350465e+03
[7416]	4.918745e+03	3.551171e+03	4.273265e+03	2.357678e+03	1.119270e+03
[7421]	2.347106e+03	1.109215e+03	3.979823e+03	2.163015e+03	6.553146e+03
[7426]	4.525301e+03	8.493716e+02	3.899528e+03	4.211532e+03	4.570725e+03
[7431]	4.648014e+03	2.592484e+03	-2.251669e+01	1.971907e+03	2.783386e+03
[7436]	5.332872e+03	1.596857e+03	5.643248e+03	2.332701e+03	3.463395e+03
[7441]	4.667299e+03	1.819654e+03	2.453099e+03	1.600691e+03	2.485464e+03
[7446]	4.453189e+03	6.650141e+03	3.816109e+03	4.581178e+03	2.203534e+03
[7451]	3.842600e+03	1.472731e+03	3.942087e+03	6.286294e+03	3.642811e+03
[7456]	2.750936e+03	8.008899e+03	3.464946e+03	1.421987e+03	1.157627e+03
[7461]	9.513034e+02	3.809178e+03	2.277200e+03	2.859010e+03	2.812553e+03
[7466]	5.065196e+03	3.948281e+03	3.892846e+03	3.798869e+03	2.985368e+03
[7471]	1.513843e+03	2.435345e+03	-5.105948e+02	4.257408e+02	1.560346e+03
[7476]	5.093996e+03	3.719970e+03	2.507076e+03	4.350543e+03	3.615582e+03
[7481]	3.671771e+03	6.172913e+03	2.787287e+03	2.254262e+03	3.727535e+03
[7486]	4.733804e+03	1.316701e+03	2.749324e+03	4.238175e+03	7.415191e+03
[7491]	3.005382e+03	9.828395e+02	4.749793e+03	2.089218e+03	5.186036e+03
[7496]	4.165089e+03	2.512659e+03	2.391063e+03	4.612911e+03	1.155744e+02
[7501]	3.649049e+03	1.919272e+03	5.732468e+03	6.969823e+02	3.029492e+03
[7506]	3.113474e+03	2.982328e+03	1.958516e+03	4.030258e+03	1.940728e+03
[7511]	3.746286e+03	3.550450e+03	5.367350e+03	5.512088e+03	4.430473e+03
[7516]	2.784309e+03	4.383713e+03	2.435717e+03	4.157566e+03	1.247324e+03
[7521]	4.043876e+03	2.554277e+03	4.339289e+03	5.158933e+03	4.144675e+03
[7526]	1.036314e+03	3.795553e+03	1.864534e+03	1.112378e+03	5.691705e+03
[7531]	3.251032e+03	3.356153e+03	4.499028e+03	4.382037e+03	2.490865e+03
[7536]	5.280707e+03	1.449155e+03	1.736287e+03	3.911682e+03	2.265949e+01
[7541]	4.471309e+03	4.318618e+03	5.184576e+03	5.432692e+03	3.520845e+03
[7546]	5.321120e+03	5.502669e+03	4.062209e+03	6.137217e+03	3.896757e+03
[7551]	3.253735e+03	1.100576e+03	2.049453e+03	2.696218e+03	5.254511e+03
[7556]	1.460762e+02	3.303433e+03	3.790202e+03	1.401284e+03	3.285858e+03
[7561]	4.068007e+03	3.969245e+03	2.305951e+03	2.118299e+02	2.300645e+03
[7566]	2.931924e+03	8.270793e+02	3.328421e+03	6.092393e+03	4.770951e+03

[7571]	3.754219e+03	4.690784e+02	6.517828e+02	2.242527e+03	5.761577e+03
[7576]	3.337770e+03	3.568436e+03	3.289980e+03	4.719964e+03	4.544493e+03
[7581]	4.037584e+03	4.038250e+02	2.833999e+03	5.368514e+03	4.922935e+03
[7586]	3.296293e+03	3.622756e+03	8.994146e+02	3.686553e+03	2.819418e+03
[7591]	4.712563e+03	3.223426e+03	-6.489576e+02	1.970556e+03	3.212637e+03
[7596]	2.850669e+03	4.683037e+03	5.710122e+03	3.725094e+03	3.528756e+03
[7601]	3.092768e+03	2.961154e+03	3.741219e+03	3.186010e+03	4.460716e+03
[7606]	1.994425e+03	2.276598e+03	5.783753e+03	2.940436e+03	5.931114e+03
[7611]	4.467082e+03	2.452943e+03	4.438881e+03	6.714776e+02	6.218822e+03
[7616]	2.340732e+03	2.900704e+03	1.649650e+03	3.995920e+03	2.319050e+03
[7621]	4.078856e+03	3.659217e+03	4.968156e+03	1.896990e+03	7.314462e+03
[7626]	2.081084e+03	3.928531e+03	2.389690e+03	4.323020e+03	1.092933e+03
[7631]	2.628398e+03	3.106150e+03	5.711329e+03	3.506383e+03	5.344474e+03
[7636]	3.602942e+03	3.100071e+03	5.194058e+03	3.428203e+03	3.493712e+03
[7641]	6.037634e+03	4.576523e+03	2.581163e+03	2.860155e+03	2.905491e+03
[7646]	2.246547e+03	3.985079e+03	2.209245e+03	2.419544e+03	1.309848e+03
[7651]	2.421362e+03	3.582703e+03	2.903739e+03	5.553078e+03	1.227462e+03
[7656]	2.885740e+03	2.827416e+03	2.953254e+03	4.217628e+03	5.676467e+02
[7661]	1.555150e+03	2.651676e+03	2.541506e+03	4.155897e+03	2.794532e+03
[7666]	8.677153e+02	3.250704e+03	2.090542e+03	3.622943e+03	3.975360e+02
[7671]	2.051838e+03	5.705469e+03	6.813093e+03	2.189888e+03	5.149290e+03
[7676]	3.992087e+03	3.539016e+03	1.786566e+03	4.251414e+03	5.229373e+03
[7681]	4.811900e+03	3.279301e+03	1.232313e+03	4.981520e+03	4.079983e+03
[7686]	-5.636407e+02	3.600500e+03	3.338732e+03	2.745125e+03	2.984790e+03
[7691]	3.864299e+03	3.307951e+03	4.572570e+03	2.498636e+03	5.589230e+03
[7696]	5.619992e+03	2.188845e+03	2.102080e+03	2.969162e+03	3.888864e+03
[7701]	3.422306e+03	2.928471e+03	2.590876e+03	3.929621e+03	3.735520e+03
[7706]	4.402275e+03	5.740264e+03	1.702817e+03	2.233789e+03	1.122642e+03
[7711]	3.298964e+03	2.425875e+03	3.615388e+03	2.920772e+03	8.967731e+02
[7716]	3.676758e+03	3.489794e+03	3.874161e+03	-4.485208e+02	3.876890e+03
[7721]	7.611090e+02	2.121143e+03	1.997775e+03	1.628724e+03	5.671559e+03
[7726]	-8.980277e+01	5.147070e+03	4.433288e+03	4.961213e+03	3.673927e+03
[7731]	2.180559e+03	2.606279e+03	1.548097e+03	4.771873e+03	3.098511e+03
[7736]	5.130871e+03	2.877126e+03	2.237186e+03	1.144161e+03	7.174524e+02
[7741]	1.716141e+03	4.012217e+03	2.962249e+02	2.299199e+03	3.214275e+03
[7746]	1.752397e+03	6.283285e+03	1.875963e+03	4.455309e+03	5.654539e+03
[7751]	4.372592e+03	1.419625e+03	3.300983e+03	2.047439e+03	4.691551e+03
[7756]	5.325457e+03	2.480311e+03	5.187175e+02	4.084531e+03	4.976568e+03
[7761]	3.048082e+03	7.264580e+03	3.483945e+03	5.200084e+03	5.236042e+03
[7766]	4.334745e+03	4.021829e+03	4.569228e+03	7.203026e+02	7.227505e+03
[7771]	1.966369e+03	3.837323e+03	1.563096e+03	4.068053e+03	4.041472e+03
[7776]	8.963059e+02	6.269932e+03	3.451128e+03	2.297673e+03	3.950049e+03
[7781]	4.689619e+03	3.260989e+03	3.885264e+03	2.110978e+03	1.831053e+03

[7786]	3.613117e+03	2.013703e+03	4.533910e+02	1.832856e+03	5.867713e+03
[7791]	5.312352e+03	3.289776e+03	4.030613e+03	5.873372e+03	3.560725e+03
[7796]	2.429657e+03	5.148095e+03	4.770827e+03	6.705461e+03	8.397840e+02
[7801]	4.948847e+03	3.977728e+03	3.183024e+03	2.512798e+03	1.931249e+03
[7806]	6.395446e+02	2.177445e+03	3.678948e+03	2.909134e+03	5.899056e+03
[7811]	5.094555e+03	3.352087e+03	3.715689e+03	6.991668e+02	8.512897e+01
[7816]	3.037501e+03	1.954069e+03	2.691391e+03	3.190213e+03	1.063783e+03
[7821]	4.631514e+03	7.235816e+03	1.456007e+03	9.952651e+02	3.035947e+03
[7826]	6.094028e+02	2.452478e+03	2.473385e+03	6.002438e+03	2.417390e+03
[7831]	3.112802e+03	1.466952e+03	2.414850e+03	4.299200e+03	2.576860e+03
[7836]	9.238412e+01	4.328706e+03	2.695957e+03	2.456213e+03	2.572280e+03
[7841]	1.434746e+03	4.177459e+03	2.977598e+03	1.003157e+03	1.876626e+03
[7846]	2.641990e+03	7.259769e+03	5.171294e+03	3.016514e+03	2.766039e+03
[7851]	2.389098e+03	4.017867e+03	2.736565e+03	3.054547e+03	3.847436e+03
[7856]	2.594954e+03	4.613250e+03	3.504625e+03	3.590555e+03	1.277401e+03
[7861]	4.111600e+03	3.426955e+03	4.722664e+03	1.908091e+03	1.485999e+03
[7866]	6.922711e+03	5.097511e+03	3.329763e+03	2.896017e+03	2.232260e+03
[7871]	6.314980e+03	2.391012e+03	4.206804e+03	2.826710e+03	3.275170e+03
[7876]	-2.056073e+03	4.698313e+03	1.743968e+03	9.549414e+02	4.644908e+03
[7881]	2.371208e+02	4.260406e+03	2.589613e+03	3.809505e+03	2.552409e+03
[7886]	9.470217e+02	4.652102e+03	3.808957e+03	2.913156e+03	4.001788e+03
[7891]	5.467671e+03	2.410036e+03	5.305792e+03	3.849855e+03	5.615902e+03
[7896]	4.543377e+03	2.690453e+03	1.457133e+03	1.751376e+03	5.819780e+03
[7901]	1.701652e+03	4.137128e+03	4.517288e+03	2.703063e+03	4.225473e+03
[7906]	4.486504e+03	2.185591e+03	7.564480e+02	4.597322e+03	3.676189e+03
[7911]	3.856871e+03	3.003617e+03	5.348258e+03	1.224295e+03	3.627546e+03
[7916]	8.458509e+02	2.980429e+03	3.471693e+03	2.752667e+03	3.864329e+03
[7921]	3.463471e+03	5.626459e+03	3.188246e+03	5.159216e+03	1.801287e+03
[7926]	2.289021e+03	3.760548e+03	3.020473e+03	1.153036e+03	4.479115e+03
[7931]	1.020274e+03	4.315593e+03	2.631665e+03	2.345653e+03	3.558781e+03
[7936]	2.446000e+03	3.298516e+03	-6.631373e+02	4.958696e+03	3.474258e+03
[7941]	3.949296e+03	2.072193e+03	1.323554e+03	3.280327e+03	3.381201e+03
[7946]	2.004084e+03	4.181280e+03	4.323938e+03	4.027188e+03	-2.583631e+01
[7951]	3.979084e+02	4.105018e+03	3.214176e+03	3.610884e+03	4.695264e+03
[7956]	3.158428e+03	3.903026e+03	1.760605e+03	2.589042e+03	4.203965e+03
[7961]	3.117340e+03	3.150188e+03	1.892347e+03	1.794947e+03	4.206695e+03
[7966]	2.782920e+03	1.428696e+03	8.213877e+03	2.307655e+03	1.626490e+03
[7971]	3.105738e+03	1.788384e+03	5.654544e+03	2.457310e+03	3.583208e+03
[7976]	3.039234e+03	8.855019e+02	6.691463e+03	4.006628e+03	6.655306e+03
[7981]	2.776878e+03	5.941217e+03	4.168231e+03	1.768530e+03	1.503012e+03
[7986]	2.388631e+03	8.257475e+02	3.533614e+03	1.055482e+03	2.117468e+03
[7991]	-6.200059e+01	4.811204e+03	4.289616e+03	1.457886e+03	4.589025e+03
[7996]	4.177994e+03	3.041654e+03	1.560064e+03	2.242364e+03	3.451151e+03

[8001]	2.166151e+03	4.221065e+03	1.322050e+03	5.009511e+03	4.085614e+03
[8006]	5.279734e+03	2.905179e+03	1.841211e+03	1.598702e+03	3.385394e+03
[8011]	1.810472e+03	3.394992e+03	2.698610e+03	6.457962e+03	1.717019e+03
[8016]	3.311524e+03	1.669827e+03	4.352386e+03	4.270053e+03	4.699448e+03
[8021]	3.567478e+03	5.957952e+03	5.954262e+03	4.524121e+03	1.043550e+03
[8026]	4.357242e+03	7.297181e+03	4.956935e+03	2.232818e+02	-1.600372e+03
[8031]	4.939682e+03	4.709947e+03	3.770580e+03	2.883210e+02	2.019902e+03
[8036]	5.990323e+03	4.774099e+03	2.361571e+03	1.397468e+03	3.216256e+03
[8041]	4.462500e+03	4.940147e+03	2.793889e+03	6.197042e+03	2.851602e+03
[8046]	3.338440e+03	6.013394e+03	3.064420e+03	1.473204e+03	6.021607e+03
[8051]	4.404031e+03	2.494678e+03	5.746512e+03	3.762314e+03	2.115148e+03
[8056]	6.556419e+03	4.452680e+03	2.935428e+03	1.616657e+03	4.902702e+03
[8061]	8.812402e+03	1.071774e+03	3.178752e+03	2.062858e+03	4.024000e+03
[8066]	3.872524e+03	2.258560e+03	3.436593e+03	1.796813e+03	2.015809e+03
[8071]	1.142417e+03	4.192947e+03	1.741437e+03	3.246639e+03	1.208973e+03
[8076]	3.286431e+03	4.381159e+03	4.674338e+03	3.444600e+03	3.862481e+03
[8081]	2.554044e+03	2.998310e+03	2.380742e+03	1.421398e+02	2.115250e+03
[8086]	1.577328e+03	6.401332e+03	4.775030e+03	2.169933e+03	4.516901e+03
[8091]	2.744686e+03	-8.284704e+02	5.828403e+03	2.633754e+03	3.131481e+03
[8096]	3.383036e+03	3.748804e+03	1.074493e+03	3.296542e+03	5.347241e+03
[8101]	1.815709e+03	3.519944e+03	3.503197e+03	4.726121e+03	1.588303e+03
[8106]	2.221352e+02	2.476208e+03	4.011926e+03	2.357454e+03	6.195269e+03
[8111]	4.391007e+03	3.389640e+03	3.792780e+03	2.590776e+03	-1.003300e+03
[8116]	3.169946e+03	4.015594e+03	4.712410e+03	3.885090e+03	3.528809e+03
[8121]	1.777817e+03	3.865471e+03	2.993935e+03	3.438425e+03	3.885702e+03
[8126]	4.125760e+03	1.715424e+03	4.799109e+03	2.652420e+03	1.991341e+03
[8131]	2.878903e+03	3.937668e+03	1.565690e+03	3.520141e+03	1.790666e+03
[8136]	3.763555e+03	4.314285e+03	-2.449509e+02	3.246949e+03	3.849810e+03
[8141]	5.109763e+03	9.714221e+02	3.190718e+03	3.839074e+03	5.088395e+03
[8146]	1.307227e+03	2.919757e+03	3.363792e+03	2.115918e+03	3.502580e+03
[8151]	3.057721e+03	4.215616e+03	6.319840e+03	7.254649e+03	4.770353e+03
[8156]	3.744386e+03	2.875749e+03	3.246674e+03	3.353865e+03	3.869726e+03
[8161]	2.443876e+02	5.122691e+03	2.177034e+03	4.498159e+03	3.077042e+03
[8166]	4.380268e+03	3.249592e+03	4.180911e+03	5.117841e+03	3.518711e+03
[8171]	3.208768e+03	3.265602e+03	2.899696e+03	4.301008e+03	1.800646e+03
[8176]	1.810685e+03	1.224614e+03	4.870115e+03	3.622856e+03	4.374557e+03
[8181]	3.078543e+03	9.134731e+03	3.936933e+03	2.512426e+03	3.950671e+03
[8186]	3.539462e+03	7.211297e+02	2.520843e+03	3.990756e+03	2.028250e+03
[8191]	2.480023e+03	9.979082e+02	4.116178e+03	3.997492e+03	2.495506e+03
[8196]	2.153787e+03	2.827971e+03	3.047053e+03	5.206914e+03	2.249878e+03
[8201]	3.081088e+03	5.502352e+03	1.104447e+03	5.765194e+03	2.165063e+03
[8206]	2.503436e+03	3.064346e+03	1.293544e+03	3.915057e+03	1.825918e+03
[8211]	5.491108e+03	2.298254e+03	3.042383e+03	1.713186e+03	-1.975347e+03

[8216]	1.249005e+03	3.800210e+03	3.932467e+03	3.763219e+03	3.844021e+03
[8221]	5.453389e+03	3.720817e+03	3.067442e+03	-3.957300e+02	4.385302e+03
[8226]	2.906996e+03	2.225286e+03	1.341842e+03	2.923036e+03	4.028609e+03
[8231]	3.886758e+03	2.383453e+03	4.925360e+03	2.098066e+03	4.589911e+03
[8236]	2.310558e+03	5.403441e+03	4.304965e+03	2.743702e+03	2.300663e+03
[8241]	2.743994e+03	5.586531e+03	5.637795e+03	2.889392e+03	2.822489e+03
[8246]	6.722310e+03	2.397501e+03	4.639292e+03	1.493928e+03	5.060863e+02
[8251]	3.927179e+03	1.226373e+03	6.834759e+03	1.590948e+03	2.702024e+03
[8256]	4.062631e+03	4.694289e+03	4.622360e+03	3.499917e+03	4.145325e+03
[8261]	2.461243e+03	4.503495e+03	-7.319490e+02	3.047769e+02	4.439025e+03
[8266]	1.586316e+03	3.290546e+03	4.640774e+03	2.487475e+03	1.670925e+03
[8271]	2.955145e+03	-6.109547e+01	4.594174e+03	5.137531e+03	3.173650e+03
[8276]	3.052786e+03	2.867491e+03	1.657947e+03	3.629945e+03	1.432967e+03
[8281]	1.349725e+03	2.231703e+03	1.502534e+03	6.159821e+03	5.050339e+03
[8286]	5.257266e+03	2.954246e+03	2.180697e+03	1.977940e+03	1.872687e+03
[8291]	4.018461e+03	1.413840e+03	3.447313e+03	-7.565722e+02	2.424770e+03
[8296]	2.066922e+03	2.630324e+03	4.474815e+03	2.715551e+03	1.018828e+03
[8301]	2.870155e+03	2.502573e+03	5.156794e+03	1.894810e+03	2.365613e+03
[8306]	3.887370e+03	3.532208e+03	6.124388e+03	3.423858e+03	3.098708e+03
[8311]	2.389600e+03	4.377898e+03	3.209759e+03	2.380486e+03	5.676339e+03
[8316]	3.743954e+03	2.109027e+03	2.005794e+03	4.399378e+03	-7.419469e+02
[8321]	6.125804e+03	2.302932e+03	5.402900e+03	7.035152e+03	4.516238e+03
[8326]	3.448426e+03	1.973185e+03	3.186163e+03	4.186483e+03	7.596700e+03
[8331]	3.069105e+03	3.746133e+03	2.595290e+03	3.159523e+03	5.957833e+03
[8336]	4.619354e+03	4.186542e+03	4.549424e+03	3.031413e+03	4.136770e+03
[8341]	1.882812e+03	2.427534e+03	2.703212e+03	2.864782e+03	2.681639e+03
[8346]	3.030132e+03	1.667891e+03	5.608734e+03	3.376240e+03	3.005745e+03
[8351]	2.288958e+03	1.506660e+03	3.634705e+03	-2.626112e+02	4.911987e+03
[8356]	5.920433e+03	3.499587e+03	2.571012e+03	1.852946e+03	3.992168e+03
[8361]	3.466799e+03	3.291742e+03	5.130789e+02	2.798419e+03	2.892996e+03
[8366]	2.330924e+03	3.991730e+03	3.567273e+03	3.260992e+03	4.291336e+02
[8371]	-1.391062e+03	4.376083e+03	4.538787e+03	1.596954e+03	4.437557e+03
[8376]	5.843530e+03	4.886325e+03	4.652780e+03	2.084583e+03	5.565423e+03
[8381]	5.672306e+03	7.009038e+03	2.403290e+03	4.354065e+03	6.281953e+03
[8386]	4.699459e+03	3.201460e+03	3.190087e+03	4.756395e+03	4.967319e+03
[8391]	5.658314e+03	1.453581e+02	1.373709e+03	2.566565e+03	1.386516e+03
[8396]	3.279545e+03	4.215456e+03	2.514605e+03	3.718355e+03	4.109173e+03
[8401]	4.368123e+03	3.062943e+03	5.779249e+03	6.672850e+02	3.662352e+03
[8406]	2.208249e+03	1.917026e+03	4.100132e+03	2.376486e+03	4.800836e+02
[8411]	3.146101e+03	1.276308e+03	1.896141e+03	1.733865e+03	4.224186e+03
[8416]	4.621134e+03	4.038384e+03	4.655155e+03	4.674520e+03	3.066882e+03
[8421]	1.485305e+03	3.624668e+03	3.549667e+03	5.062264e+03	3.069078e+03
[8426]	2.756308e+03	1.888463e+03	4.396419e+03	3.923177e+03	2.499712e+03



[8431]	2.257030e+03	3.312007e+03	3.323770e+03	8.588652e+02	2.899577e+03
[8436]	4.990596e+03	-1.372834e+03	3.332465e+03	3.323625e+03	2.416126e+03
[8441]	4.652812e+03	2.466948e+03	4.192964e+03	3.483961e+03	1.356626e+03
[8446]	2.147849e+03	3.243339e+03	2.505598e+03	7.122960e+03	5.558264e+03
[8451]	2.391367e+03	5.645416e+03	2.136102e+03	4.736515e+03	2.661734e+03
[8456]	2.896522e+03	4.046065e+03	3.215780e+03	3.506685e+03	2.925376e+03
[8461]	3.251965e+03	3.261715e+03	4.185994e+03	1.729534e+03	6.591849e+03
[8466]	3.031109e+03	3.299785e+02	3.618920e+03	1.469762e+03	3.462789e+03
[8471]	6.094461e+03	4.303121e+03	1.644304e+03	2.406906e+03	1.370364e+03
[8476]	4.601142e+03	6.174824e+03	6.780647e+03	5.735515e+03	1.705544e+03
[8481]	2.735378e+03	3.342270e+03	5.308687e+03	3.034565e+03	5.202757e+03
[8486]	3.599726e+03	1.039017e+03	2.710978e+03	1.657794e+03	2.445611e+03
[8491]	5.079893e+02	2.595734e+03	7.494226e+02	2.325290e+03	2.712477e+03
[8496]	3.552936e+03	3.755288e+03	3.735034e+03	3.231886e+03	2.590062e+03
[8501]	1.006585e+03	6.856079e+03	-3.151109e+02	3.330821e+02	1.982910e+03
[8506]	2.488008e+03	3.119727e+03	2.604980e+03	4.414558e+03	2.725118e+03
[8511]	3.464039e+03	4.284053e+03	3.433525e+03	6.024082e+03	2.922843e+03
[8516]	3.911075e+03	3.535854e+03	3.087946e+03	3.058494e+03	2.157082e+03
[8521]	2.225430e+03	1.989024e+03	5.132243e+01	2.730343e+03	3.783896e+03
[8526]	1.895801e+02	3.357232e+03	2.939436e+03	6.257643e+03	3.594534e+03
[8531]	1.830530e+03	1.551152e+03	1.789533e+03	3.286626e+03	3.818491e+03
[8536]	3.246471e+03	3.532061e+03	1.394363e+03	1.017363e+03	5.910057e+03
[8541]	2.032996e+03	4.668109e+03	2.939646e+03	4.359325e+03	5.753793e+03
[8546]	7.812552e+02	2.545434e+03	4.829748e+03	1.608365e+03	2.097264e+03
[8551]	1.603019e+03	1.620049e+03	2.240661e+03	2.221272e+03	5.280498e+03
[8556]	1.678453e+03	2.590477e+03	1.457902e+03	2.091176e+03	3.003724e+03
[8561]	2.417514e+03	8.891451e+02	2.842020e+03	4.398048e+03	7.741191e+02
[8566]	2.986342e+03	1.615899e+03	2.942262e+03	3.998784e+03	3.291813e+03
[8571]	2.128201e+03	7.926029e+02	5.039938e+03	4.582453e+03	4.907753e+03
[8576]	-1.421886e+02	2.285239e+03	3.718775e+03	2.785503e+03	3.864411e+03
[8581]	2.042743e+03	4.682032e+03	3.520210e+03	4.722867e+03	4.584445e+03
[8586]	1.208339e+03	5.138036e+03	1.326793e+03	2.128578e+03	1.431958e+03
[8591]	2.024019e+03	4.404308e+03	1.934911e+02	3.809252e+03	1.139424e+03
[8596]	1.457297e+03	2.752930e+03	4.244076e+03	2.927541e+03	3.545285e+03
[8601]	2.458644e+03	1.474488e+03	3.711232e+03	2.530306e+03	3.778461e+03
[8606]	2.132004e+03	3.588966e+03	4.241379e+03	4.431109e+03	5.644063e+03
[8611]	2.042217e+03	5.002174e+03	4.487707e+03	2.553807e+03	4.256163e+03
[8616]	7.005946e+03	8.969184e+02	4.375644e+03	2.492803e+03	3.096115e+03
[8621]	2.685995e+03	6.515037e+03	2.946024e+03	6.102661e+03	3.190880e+03
[8626]	8.388183e+03	2.090257e+03	1.330708e+03	2.827393e+03	3.496673e+03
[8631]	3.314984e+03	3.274818e+03	2.608585e+03	2.956105e+03	2.658728e+03
[8636]	3.853406e+03	4.357025e+03	-1.109938e+02	1.945149e+03	3.111765e+03
[8641]	4.397938e+03	1.452903e+03	4.538771e+03	4.424052e+03	4.841591e+03

[8646]	2.148992e+03	2.601807e+03	3.046901e+03	2.922823e+03	4.036630e+03
[8651]	2.073729e+03	2.997070e+03	3.068999e+03	5.564015e+03	3.450029e+03
[8656]	3.179433e+03	4.102568e+03	3.969719e+03	3.047511e+03	1.951018e+03
[8661]	4.771753e+03	2.498233e+03	3.928209e+03	2.313362e+03	4.896434e+03
[8666]	1.876763e+03	6.664251e+02	4.417895e+03	2.875513e+03	8.557321e+02
[8671]	2.687040e+03	3.384029e+03	2.437752e+03	4.642466e+03	3.735145e+03
[8676]	1.190403e+03	2.888812e+03	3.655664e+03	1.293144e+03	2.633544e+03
[8681]	3.067362e+03	2.989260e+03	4.090334e+03	4.163201e+03	3.270366e+03
[8686]	5.196365e+02	2.809543e+03	4.357071e+03	1.065210e+03	3.016475e+03
[8691]	5.201078e+03	4.666827e+03	4.572665e+03	3.013004e+03	5.929085e+03
[8696]	2.861488e+03	1.295631e+03	3.613118e+03	4.938161e+03	5.799178e+03
[8701]	3.651106e+03	1.031379e+03	2.446754e+03	6.124300e+03	2.634636e+03
[8706]	4.078104e+03	3.082112e+03	1.733127e+03	1.740139e+03	3.558283e+03
[8711]	3.786723e+03	2.815607e+03	2.995090e+03	6.635735e+03	7.351344e+03
[8716]	3.171267e+03	2.772475e+03	4.728509e+03	2.944497e+03	5.296688e+03
[8721]	6.074625e+03	4.453562e+03	2.918964e+03	5.020086e+03	2.486942e+03
[8726]	3.451525e+03	4.458631e+03	3.194369e+03	3.901881e+03	6.001637e+03
[8731]	4.248072e+03	1.315019e+03	5.272736e+03	1.238649e+03	2.797102e+03
[8736]	4.265432e+03	2.675309e+03	2.749673e+03	5.868035e+03	2.396456e+03
[8741]	4.587664e+03	1.904748e+03	4.691881e+03	5.359961e+03	3.079058e+03
[8746]	6.064029e+03	3.182267e+03	2.276553e+03	6.524622e+03	2.862104e+03
[8751]	5.018460e+03	1.988583e+03	2.003203e+03	1.309605e+03	4.807910e+03
[8756]	2.202548e+03	5.734900e+03	4.779525e+03	3.033371e+03	3.319644e+03
[8761]	4.360114e+03	1.871369e+03	4.549812e+03	4.053337e+03	2.517599e+03
[8766]	2.816530e+03	2.873409e+03	3.711037e+03	3.188662e+03	4.944245e+03
[8771]	4.768692e+03	1.930628e+03	4.752783e+03	5.361946e+03	3.279096e+03
[8776]	4.998449e+03	5.413401e+03	2.679843e+03	3.008511e+03	4.449998e+03
[8781]	3.655686e+03	5.333036e+03	4.206186e+03	4.957613e+03	3.327202e+03
[8786]	2.625485e+03	6.043844e+03	2.618376e+03	5.364450e+03	7.512919e+02
[8791]	2.415621e+03	2.891710e+03	2.246524e+03	2.723624e+03	4.512890e+03
[8796]	5.116053e+03	2.376810e+03	4.544504e+02	3.277328e+03	7.545176e+02
[8801]	3.186261e+02	8.794760e+02	4.838408e+03	1.057087e+03	4.158283e+03
[8806]	3.722969e+03	3.155311e+03	4.838182e+03	2.289342e+03	2.042253e+03
[8811]	4.082098e+03	4.244815e+03	2.160612e+03	1.376926e+03	3.095414e+03
[8816]	3.548827e+03	1.501507e+03	4.146893e+03	2.160325e+03	4.089606e+03
[8821]	4.181769e+03	5.975113e+03	-7.946778e+01	4.845377e+02	2.179149e+03
[8826]	1.327149e+03	2.980563e+03	3.836631e+03	3.016543e+03	3.311927e+03
[8831]	1.497319e+03	2.499361e+03	3.461795e+03	2.922435e+03	5.130764e+03
[8836]	-1.881173e+01	3.467622e+03	5.244871e+03	3.174794e+03	4.074654e+03
[8841]	5.624259e+03	4.749256e+03	3.797243e+03	6.503401e+03	2.606111e+03
[8846]	2.116650e+03	6.278086e+03	4.458208e+03	3.006052e+03	3.936943e+03
[8851]	5.248670e+03	3.152285e+03	5.477813e+02	4.053666e+03	3.198654e+03
[8856]	4.884725e+03	3.842081e+03	3.586443e+03	4.801352e+03	3.161701e+03

[8861]	3.359642e+03	3.944007e+03	1.017192e+03	4.919060e+03	4.126853e+03
[8866]	3.281975e+03	3.365361e+03	6.711947e+02	-2.088489e+02	1.474727e+03
[8871]	4.101194e+03	2.073574e+03	2.783850e+03	5.437257e+03	3.822211e+03
[8876]	3.637523e+03	2.306204e+03	1.376318e+03	6.239986e+02	3.455251e+03
[8881]	2.058920e+03	1.118726e+03	4.005983e+03	-1.745515e+02	3.833258e+03
[8886]	3.416013e+03	2.328525e+03	4.248952e+03	6.440710e+03	4.466560e+03
[8891]	1.816549e+03	3.933088e+03	4.229514e+03	4.295609e+03	2.549892e+03
[8896]	5.571282e+03	1.506590e+03	4.694665e+03	1.511093e+03	4.430947e+03
[8901]	2.101792e+02	4.597594e+03	5.166678e+03	4.391234e+03	2.813597e+03
[8906]	6.217610e+03	5.199871e+03	3.609201e+03	1.744686e+03	3.776199e+03
[8911]	2.178409e+03	4.591367e+03	7.643204e+02	7.835810e+02	4.567466e+03
[8916]	9.399308e+02	2.978959e+03	2.434309e+03	1.741034e+03	2.222604e+03
[8921]	4.099209e+03	-8.982355e+01	2.353026e+03	1.828771e+03	9.980978e+02
[8926]	4.477135e+03	3.774965e+02	4.313809e+02	2.424941e+03	6.168864e+03
[8931]	2.059186e+03	8.793753e+03	5.874666e+03	2.230206e+03	2.247630e+03
[8936]	2.141972e+03	3.407298e+03	3.156112e+03	4.724220e+03	2.640959e+03
[8941]	5.505430e+03	5.172290e+03	2.240942e+03	3.382218e+03	3.170914e+03
[8946]	1.948023e+03	3.316339e+03	3.383469e+03	3.052907e+03	1.153833e+03
[8951]	2.875094e+03	3.302097e+03	2.214945e+03	3.139916e+03	4.627980e+03
[8956]	1.847039e+03	3.569303e+03	3.147896e+03	-4.964325e+02	3.828953e+03
[8961]	1.540732e+03	4.326429e+03	8.582134e+02	4.217330e+03	2.072316e+03
[8966]	2.516453e+03	1.441436e+03	5.855091e+03	1.671916e+03	3.568843e+03
[8971]	4.951762e+03	1.301400e+03	2.759583e+03	9.615507e+02	4.021340e+03
[8976]	2.318828e+03	3.115752e+03	1.734333e+03	3.990243e+03	5.031442e+02
[8981]	3.593536e+03	3.254261e+03	2.123511e+03	3.021215e+03	7.898651e+02
[8986]	2.775094e+03	1.617076e+03	1.552542e+03	3.355248e+03	4.967720e+03
[8991]	1.934034e+03	3.492091e+03	3.564564e+03	2.881133e+03	2.248241e+03
[8996]	4.082695e+03	8.008523e+02	5.724612e+02	4.241566e+03	7.497566e+02
[9001]	3.123915e+03	1.873440e+03	1.429025e+03	1.911552e+03	4.260043e+02
[9006]	2.978022e+03	3.207366e+03	4.283420e+03	-7.719164e+02	3.185501e+03
[9011]	-5.416467e+02	2.740561e+03	5.658376e+03	3.778977e+03	6.926699e+03
[9016]	2.674995e+03	1.388455e+03	-3.042081e+02	1.639779e+03	5.438256e+03
[9021]	-4.820110e+02	4.317602e+03	1.335921e+03	3.259788e+03	5.211214e+03
[9026]	7.769104e+02	4.022740e+03	4.679588e+03	2.708175e+03	1.622891e+03
[9031]	5.236113e+03	4.272233e+03	3.462809e+03	4.826868e+03	5.171701e+03
[9036]	3.880119e+03	1.495926e+03	2.640606e+03	3.026364e+03	4.588353e+03
[9041]	3.824650e+03	4.363799e+03	3.418573e+03	4.636173e+03	4.271712e+03
[9046]	3.299763e+03	4.086756e+03	4.893598e+03	1.951779e+03	3.917429e+03
[9051]	5.610109e+03	1.524482e+03	4.116313e+03	3.751416e+03	3.624789e+03
[9056]	2.820855e+03	2.346321e+03	2.929343e+03	3.052596e+03	1.588752e+03
[9061]	3.000628e+03	5.847826e+03	1.122047e+03	-1.182981e+02	4.114956e+03
[9066]	1.606973e+03	3.755562e+03	2.202174e+03	5.057371e+03	3.976799e+03
[9071]	5.112684e+03	4.653979e+03	5.057012e+03	2.669361e+03	2.000283e+03

[9076]	2.076940e+03	2.303809e+03	4.180468e+03	3.156687e+03	7.156687e+03
[9081]	3.748402e+03	2.744376e+02	6.940581e+03	3.032776e+03	3.406659e+03
[9086]	4.145846e+03	5.240551e+03	3.145979e+03	2.581340e+03	4.068425e+03
[9091]	1.978995e+03	3.347357e+03	6.303655e+03	6.012358e+03	5.609910e+03
[9096]	1.963082e+03	5.756538e+02	1.154487e+03	3.221030e+03	4.237841e+03
[9101]	2.238149e+03	1.524041e+03	1.181254e+03	3.298403e+03	3.294945e+03
[9106]	1.257987e+03	4.165588e+03	3.806145e+03	6.379378e+02	2.316984e+03
[9111]	7.177500e+02	4.529464e+03	4.422413e+03	1.524956e+03	1.647106e+03
[9116]	8.470850e+02	4.082672e+03	1.996878e+03	9.290467e+02	4.866712e+03
[9121]	4.502674e+03	3.419318e+03	4.054051e+03	1.970048e+03	9.270679e+02
[9126]	4.419148e+03	1.391583e+03	4.181545e+03	1.498790e+03	4.863819e+03
[9131]	2.280560e+03	1.705195e+03	4.746616e+03	4.141649e+03	1.936420e+03
[9136]	5.394723e+03	3.653195e+03	1.764490e+03	5.208959e+03	2.092685e+03
[9141]	6.569579e+03	3.520808e+03	1.548169e+03	1.275592e+03	3.158067e+03
[9146]	2.512458e+03	2.251148e+03	6.314551e+02	5.204145e+03	4.751814e+03
[9151]	2.792942e+03	3.162128e+03	4.572349e+03	4.015726e+03	3.052299e+03
[9156]	3.581647e+03	2.300669e+03	2.677047e+03	1.288033e+03	3.003697e+03
[9161]	3.300092e+03	2.324169e+03	1.167595e+03	7.471191e+03	4.983857e+03
[9166]	5.169401e+03	3.136026e+03	2.352962e+03	2.717343e+03	2.338370e+03
[9171]	1.965071e+03	2.938974e+03	4.140732e+03	1.813107e+03	3.037462e+03
[9176]	2.306536e+03	2.512278e+03	2.825409e+03	2.408576e+03	3.752714e+03
[9181]	2.412485e+03	3.486031e+03	3.865374e+03	4.048936e+03	2.348250e+03
[9186]	2.097974e+03	5.733065e+03	5.345882e+03	2.646618e+03	3.014504e+03
[9191]	4.346836e+03	1.383263e+03	1.966132e+03	3.902947e+03	4.678198e+03
[9196]	3.890100e+03	4.309422e+03	4.535456e+03	2.503399e+03	2.743992e+03
[9201]	7.181632e+03	1.049032e+03	1.615129e+03	4.819685e+03	4.854846e+02
[9206]	1.241994e+02	1.275087e+03	2.058408e+03	2.625130e+03	6.163245e+03
[9211]	5.739876e+02	3.643643e+03	3.932805e+03	3.613216e+03	4.165033e+03
[9216]	5.436500e+03	3.206050e+03	8.307677e+03	5.303936e+03	3.940287e+03
[9221]	3.076669e+03	4.126013e+03	1.844502e+03	1.019396e+03	2.136504e+03
[9226]	3.426273e+03	-2.847735e+02	3.672706e+03	1.647378e+03	3.639223e+03
[9231]	2.957904e+03	3.846974e+03	1.413072e+03	6.405261e+02	3.987875e+03
[9236]	6.323759e+03	2.732697e+03	2.895276e+03	6.685251e+03	2.187588e+03
[9241]	5.025343e+03	4.219765e+03	4.053365e+03	5.228523e+02	1.839333e+03
[9246]	2.863053e+03	4.761794e+03	2.013582e+03	2.817886e+03	2.473648e+03
[9251]	4.171295e+03	1.327969e+03	2.823920e+03	4.111971e+03	3.216514e+03
[9256]	1.589664e+03	1.195761e+03	2.333464e+03	2.522844e+03	2.983797e+03
[9261]	2.071746e+03	4.065697e+03	4.562717e+03	3.454210e+03	2.947902e+03
[9266]	6.249690e+03	6.026912e+03	3.772537e+03	4.433101e+03	4.218867e+03
[9271]	2.452217e+03	3.592334e+03	4.923608e+03	3.639216e+03	2.444535e+03
[9276]	2.693276e+03	1.055870e+03	4.115154e+03	-2.267705e+02	2.084963e+03
[9281]	3.425056e+03	1.457459e+03	1.462388e+03	7.334428e+02	5.003671e+03
[9286]	5.405780e+03	6.364255e+03	3.713519e+03	2.819157e+03	3.770635e+03

[9291]	1.893745e+03	2.786280e+03	6.970782e+02	2.562203e+03	1.483732e+03
[9296]	2.013678e+03	3.974504e+03	2.998840e+03	2.134907e+03	2.292319e+03
[9301]	2.628419e+03	5.521805e+03	1.331556e+03	3.453648e+03	5.161869e+03
[9306]	3.732564e+03	3.660085e+03	1.740581e+03	7.028747e+03	3.244549e+03
[9311]	3.996222e+03	1.118980e+03	3.159697e+03	3.008284e+03	1.718651e+03
[9316]	3.608698e+03	2.473976e+03	4.442209e+03	1.851974e+03	1.118455e+03
[9321]	2.563012e+03	2.727556e+03	3.098184e+03	5.548579e+03	3.881441e+03
[9326]	4.083085e+03	6.810264e+03	1.874580e+03	2.752927e+03	1.531758e+03
[9331]	2.982771e+03	1.816411e+03	1.843473e+03	1.299373e+03	1.821359e+03
[9336]	1.569019e+03	4.765017e+03	5.336828e+03	3.423200e+03	-3.162185e+02
[9341]	3.757035e+03	4.711192e+03	4.857223e+03	3.619978e+03	2.981674e+03
[9346]	2.159113e+03	3.401840e+03	7.032475e+03	2.121009e+03	3.264189e+03
[9351]	3.096185e+03	4.458947e+03	5.779832e+03	7.497560e+02	1.522701e+03
[9356]	1.986053e+03	3.171752e+03	3.892115e+03	2.441153e+03	6.294395e+03
[9361]	3.380074e+03	2.267946e+03	5.204644e+03	1.479500e+03	4.941946e+03
[9366]	3.339452e+03	6.429995e+03	1.600438e+03	4.532248e+03	2.456396e+03
[9371]	5.569582e+03	3.554404e+03	5.458478e+03	1.517003e+03	3.203951e+03
[9376]	2.500757e+03	4.900498e+03	5.643129e+03	4.309738e+03	1.742469e+03
[9381]	3.084523e+03	2.489931e+03	4.652337e+03	3.977704e+03	4.113073e+03
[9386]	3.543396e+03	-5.189198e+02	5.410138e+03	5.436121e+03	1.634827e+03
[9391]	1.812682e+03	5.159605e+03	3.009244e+03	3.266315e+03	1.964255e+03
[9396]	5.738080e+03	5.351191e+03	4.069068e+03	4.990965e+03	3.789494e+03
[9401]	4.236691e+03	1.792299e+03	5.676013e+03	2.805645e+03	2.578625e+03
[9406]	4.235790e+02	2.624597e+03	4.287261e+03	3.145949e+03	2.619242e+03
[9411]	2.312066e+03	3.159218e+03	2.300391e+03	3.670333e+03	6.730663e+03
[9416]	4.643494e+03	2.252001e+03	7.022683e+03	3.605736e+03	2.889644e+03
[9421]	5.453571e+03	5.126954e+03	4.752313e+03	2.156085e+03	4.456111e+03
[9426]	7.478412e+03	2.408905e+03	2.957033e+03	1.437831e+03	3.285684e+03
[9431]	6.143412e+03	2.431225e+03	3.096035e+03	6.215347e+03	4.460909e+03
[9436]	2.721824e+03	2.727323e+03	4.385594e+03	5.322872e+02	5.233001e+03
[9441]	1.271684e+03	4.589105e+03	4.641188e+03	2.991925e+03	2.052464e+03
[9446]	4.635977e+03	3.945180e+03	3.131606e+03	1.362378e+03	2.941291e+03
[9451]	3.731165e+03	5.073170e+03	5.824742e+03	2.565420e+03	3.384077e+03
[9456]	1.482595e+03	2.735469e+03	1.299936e+03	1.136419e+03	4.292891e+03
[9461]	2.774349e+03	3.186776e+03	4.287404e+03	2.255332e+03	6.180643e+03
[9466]	3.558080e+03	4.886862e+03	4.654223e+03	3.910225e+03	4.129185e+03
[9471]	1.062409e+03	2.327574e+03	6.473973e+03	3.348880e+03	5.311356e+03
[9476]	1.689476e+03	1.687079e+03	3.220798e+03	1.421824e+03	3.140269e+03
[9481]	4.145052e+03	4.131732e+03	3.432257e+03	3.831305e+03	5.205315e+03
[9486]	3.426112e+03	1.559663e+03	3.858198e+03	4.150196e+03	2.962779e+03
[9491]	2.796883e+03	3.522275e+03	2.153606e+03	2.731414e+03	3.362581e+02
[9496]	2.066824e+03	2.805557e+03	4.473122e+03	3.603650e+03	2.861560e+03
[9501]	4.811905e+03	2.405283e+03	3.365441e+03	4.795625e+03	6.064553e+03

[9506]	3.330824e+03	2.686903e+03	4.366468e+03	1.180945e+03	2.319200e+03
[9511]	2.532624e+03	2.832549e+03	4.918793e+03	2.634705e+03	3.416216e+03
[9516]	2.174920e+03	6.051797e+03	4.097561e+03	6.346703e+03	7.561078e+02
[9521]	5.509286e+03	1.241692e+03	2.330138e+03	2.324914e+03	3.828464e+03
[9526]	2.759989e+03	3.484537e+03	7.192542e+03	2.545668e+03	2.440622e+03
[9531]	4.101398e+03	3.950458e+03	-2.329162e+02	5.302401e+03	3.122178e+03
[9536]	3.314593e+03	8.189466e+03	2.185702e+03	3.347017e+03	2.936944e+03
[9541]	2.148947e+03	3.256064e+03	2.776011e+03	4.474394e+03	2.722360e+03
[9546]	3.017554e+03	9.447001e+02	4.230374e+03	4.195843e+03	5.399408e+03
[9551]	1.229002e+03	3.424927e+03	9.356606e+02	2.685740e+03	4.789794e+03
[9556]	3.135145e+03	7.116387e+03	3.864664e+03	2.217805e+03	4.350206e+03
[9561]	1.915875e+03	4.897583e+03	4.589384e+03	1.370982e+03	3.931430e+03
[9566]	2.675025e+03	2.589792e+03	2.437255e+03	4.022334e+03	3.791945e+03
[9571]	4.282425e+03	5.005468e+03	6.539083e+02	2.441854e+03	9.960996e+02
[9576]	3.024072e+03	2.405208e+03	3.502330e+03	3.224488e+03	3.019043e+03
[9581]	4.428951e+03	4.816161e+03	2.655698e+03	5.577568e+02	2.965071e+03
[9586]	3.660238e+03	3.763476e+03	4.501179e+03	4.455649e+03	3.483051e+03
[9591]	4.843818e+03	3.561349e+03	6.100424e+03	3.986426e+03	3.588389e+03
[9596]	1.573763e+03	-4.326996e+02	5.118287e+03	4.034842e+03	2.391277e+03
[9601]	3.746480e+03	4.481974e+03	4.808271e+03	3.206553e+02	4.307970e+03
[9606]	2.960059e+03	3.152110e+03	1.452376e+03	2.219944e+03	7.515884e+02
[9611]	6.157031e+03	3.768974e+03	4.865261e+03	4.335527e+03	5.545951e+03
[9616]	3.914354e+03	4.769392e+03	-1.261327e+03	2.658672e+03	2.739743e+03
[9621]	4.193028e+03	4.024132e+03	1.230582e+03	1.398181e+03	3.853267e+03
[9626]	1.581156e+03	3.144873e+03	3.638064e+03	-7.278118e+02	5.477716e+02
[9631]	3.163886e+03	1.041155e+03	2.783356e+03	2.659636e+03	1.720509e+03
[9636]	3.280533e+03	1.127536e+03	3.030509e+03	4.880135e+03	1.551120e+03
[9641]	2.564111e+03	2.135627e+03	1.351826e+03	4.650346e+03	1.838322e+03
[9646]	3.646678e+03	2.883787e+03	2.369751e+03	4.553471e+03	4.470995e+03
[9651]	4.420210e+03	1.450484e+03	4.817474e+02	4.659693e+03	2.852733e+03
[9656]	2.899442e+03	3.519992e+03	3.569093e+03	3.614335e+03	1.985028e+03
[9661]	2.819737e+03	3.083638e+03	2.759624e+03	4.511310e+03	4.299632e+03
[9666]	3.889308e+03	3.825366e+03	3.136041e+03	5.047381e+03	4.728080e+03
[9671]	3.627449e+03	3.094046e+03	2.439218e+03	4.083636e+03	1.094317e+03
[9676]	3.151606e+03	1.623383e+03	1.754307e+03	3.516212e+03	2.186925e+03
[9681]	1.915910e+03	6.704854e+03	5.638388e+03	3.011304e+03	6.678921e+03
[9686]	1.843945e+03	3.784554e+03	8.886149e+02	2.261186e+03	5.319860e+03
[9691]	2.642862e+03	3.491153e+03	6.272083e+02	3.017876e+03	2.611383e+03
[9696]	2.926232e+03	7.096139e+02	4.364013e+03	3.218245e+03	2.664953e+03
[9701]	7.298336e+03	3.268126e+03	3.112490e+03	4.321285e+03	3.011021e+03
[9706]	4.026346e+03	1.301759e+03	6.730415e+03	5.294332e+02	4.498777e+03
[9711]	3.451751e+03	3.274397e+03	2.336872e+03	1.839301e+03	3.606158e+03
[9716]	5.713765e+03	3.699393e+03	6.084217e+02	3.801490e+03	3.526566e+03

[9721]	4.249231e+03	4.104227e+03	2.767333e+03	2.750446e+03	2.680350e+03
[9726]	5.422449e+03	6.689919e+03	2.960030e+03	2.620787e+03	4.355740e+03
[9731]	5.145750e+03	-1.001910e+03	2.423221e+03	4.386194e+03	2.491987e+03
[9736]	2.497748e+03	4.866447e+03	5.855626e+03	5.288072e+03	2.538670e+03
[9741]	3.710607e+03	3.367606e+02	5.970803e+03	5.868443e+03	4.669478e+03
[9746]	4.866568e+03	3.392650e+03	3.774714e+03	6.330647e+02	-9.452931e+01
[9751]	7.205161e+02	2.879337e+03	4.917999e+03	4.458638e+03	1.037856e+03
[9756]	4.375444e+03	5.430839e+03	5.943103e+03	1.166956e+03	3.948611e+03
[9761]	1.559476e+03	3.699977e+03	8.958689e+02	1.301108e+03	4.003018e+03
[9766]	3.731427e+03	4.948932e+03	4.515258e+03	1.157501e+03	2.036847e+03
[9771]	3.169779e+03	4.330799e+03	1.386644e+03	-8.280240e+02	3.825302e+03
[9776]	3.715185e+03	5.765724e+03	3.559491e+03	4.053690e+03	3.642410e+03
[9781]	4.498033e+03	6.015062e+03	4.589543e+03	1.521237e+03	2.129414e+03
[9786]	2.901221e+03	7.348650e+03	4.010862e+03	3.376452e+03	5.244916e+03
[9791]	3.761426e+03	3.912593e+03	6.795459e+03	5.961337e+03	4.970942e+03
[9796]	3.752988e+03	4.203020e+03	2.902779e+03	3.457945e+03	5.394974e+03
[9801]	3.278693e+03	1.807849e+03	8.011855e+02	4.247376e+03	5.869419e+03
[9806]	4.707293e+03	1.459303e+03	3.834418e+03	3.259826e+03	1.886807e+03
[9811]	2.983104e+03	2.124092e+03	3.987017e+03	4.558887e+03	5.476620e+03
[9816]	2.499897e+03	2.604221e+03	2.543648e+03	3.018405e+03	2.298036e+03
[9821]	6.655027e+02	3.140071e+03	5.333658e+03	3.158345e+03	3.773887e+03
[9826]	2.253074e+03	1.821884e+03	7.531194e+02	2.025527e+03	3.469946e+03
[9831]	3.854460e+03	3.841071e+03	2.064571e+03	5.025095e+03	4.739261e+03
[9836]	2.043840e+03	6.160706e+03	4.776894e+03	3.699646e+03	4.098248e+03
[9841]	2.412759e+03	4.297985e+03	4.690600e+03	1.994145e+03	3.255382e+03
[9846]	2.896902e+03	2.043189e+03	2.645222e+03	2.130227e+03	7.277780e+03
[9851]	4.280507e+03	2.105281e+03	2.719075e+03	2.152846e+03	2.058929e+03
[9856]	4.434309e+03	2.606795e+03	1.022040e+03	4.962152e+03	2.677793e+03
[9861]	2.671004e+03	2.788309e+03	1.482054e+03	3.610616e+03	2.954721e+03
[9866]	2.126079e+03	4.410593e+03	2.206795e+03	2.409131e+03	3.160555e+03
[9871]	3.556351e+02	8.661906e+02	3.113158e+03	3.191528e+03	3.421484e+03
[9876]	5.116316e+03	4.782925e+03	2.681220e+03	3.152430e+03	5.404332e+03
[9881]	5.963892e+03	2.673296e+03	4.325094e+03	2.895954e+03	2.687185e+03
[9886]	2.416300e+03	3.733631e+02	3.475614e+03	2.342589e+03	3.069838e+03
[9891]	6.101896e+03	4.671528e+03	4.971260e+03	4.582916e+03	2.543757e+03
[9896]	4.010854e+03	4.149836e+03	4.908322e+03	3.518886e+03	1.805292e+03
[9901]	1.615364e+03	6.371976e+03	3.677252e+03	3.757980e+03	2.888291e+03
[9906]	5.962401e+03	5.414797e+03	2.918393e+03	1.492542e+03	3.412117e+03
[9911]	3.402477e+03	2.531621e+03	1.378584e+03	2.785899e+03	3.929636e+03
[9916]	2.456009e+03	2.500448e+03	3.455328e+03	1.005300e+03	4.013129e+03
[9921]	4.161273e+03	8.120753e+03	2.644542e+03	1.041028e+03	3.696830e+03
[9926]	-1.694126e+02	3.264552e+03	4.610776e+03	7.136683e+02	5.788053e+03
[9931]	1.820522e+03	2.915988e+03	1.481105e+03	2.737138e+03	4.412283e+03

[9936]	3.072460e+03	4.797779e+03	4.701064e+03	4.750222e+03	3.004253e+03
[9941]	3.426886e+03	2.973320e+03	4.302797e+03	1.511502e+03	2.134430e+03
[9946]	1.523469e+03	2.969595e+03	3.931960e+03	4.364863e+03	3.728453e+03
[9951]	2.401466e+03	4.550902e+03	7.031765e+03	2.814563e+03	3.964736e+03
[9956]	3.344999e+03	-7.577293e+02	1.067153e+03	3.725556e+03	2.593097e+03
[9961]	2.206325e+03	4.054565e+03	2.549378e+03	-1.447514e+03	2.871641e+03
[9966]	4.557112e+03	2.987290e+03	5.320333e+03	1.632586e+03	2.357189e+02
[9971]	7.152846e+03	3.629682e+03	3.240530e+03	2.263431e+03	3.808282e+03
[9976]	2.790038e+03	5.533676e+03	4.270569e+03	6.266215e+03	4.950972e+03
[9981]	5.286729e+03	5.658620e+03	6.797353e+03	4.965652e+03	2.320921e+03
[9986]	2.800123e+03	4.362906e+03	5.903916e+03	1.039776e+03	2.592269e+03
[9991]	3.102395e+03	4.878526e+03	6.754317e+03	5.533423e+03	4.626295e+03
[9996]	1.969523e+03	2.663502e+03	5.098620e+03	3.199309e+03	6.975094e+03
[10001]	4.247995e+03	3.681259e+03	2.691333e+03	1.068910e+03	4.064878e+03
[10006]	3.558152e+03	2.299289e+03	3.322071e+03	3.480197e+03	1.501773e+03
[10011]	6.093661e+03	3.464050e+03	2.268708e+03	3.391367e+03	4.935321e+03
[10016]	4.817285e+03	7.666439e+02	3.327420e+03	1.072405e+03	6.653994e+03
[10021]	1.015102e+03	-3.172338e+02	5.423796e+03	1.356633e+03	5.725381e+02
[10026]	4.636910e+03	4.225447e+03	4.569494e+03	4.226681e+03	5.055944e+03
[10031]	2.033725e+03	5.468121e+03	2.364966e+03	1.000688e+03	4.645255e+03
[10036]	2.573807e+03	3.015564e+03	3.988290e+03	2.164021e+03	3.145242e+03
[10041]	1.364411e+03	3.832321e+03	8.288588e+03	4.382582e+03	2.651100e+03
[10046]	2.549601e+03	2.459662e+03	3.846387e+03	1.503869e+03	1.606446e+03
[10051]	1.741673e+03	3.953286e+03	2.601874e+03	4.819612e+03	4.279992e+03
[10056]	4.775446e+03	4.609149e+03	4.006059e+03	2.309303e+03	2.904314e+03
[10061]	1.651528e+03	5.006101e+03	5.572892e+02	2.519525e+03	4.561611e+03
[10066]	1.366487e+02	2.046180e+03	4.129281e+03	2.760667e+03	2.627529e+03
[10071]	1.862233e+03	2.901702e+03	3.713746e+03	4.483178e+03	2.864678e+03
[10076]	2.235372e+03	3.431393e+02	-8.089892e+02	8.157691e+02	3.725455e+03
[10081]	1.095468e+03	3.991595e+03	2.676924e+03	4.596474e+03	5.194679e+03
[10086]	2.458517e+03	2.488351e+03	1.070879e+03	3.332716e+03	2.371863e+03
[10091]	-4.775135e+02	3.491133e+03	3.943633e+03	3.910861e+03	7.662902e+03
[10096]	4.505616e+03	1.535448e+03	4.072275e+03	2.286260e+03	2.218138e+03
[10101]	1.005291e+03	1.736216e+03	2.909152e+03	4.584163e+03	3.496580e+03
[10106]	2.929439e+03	4.119339e+03	2.634992e+03	2.187429e+03	2.104777e+03
[10111]	3.502884e+03	3.157536e+03	2.803106e+03	3.066558e+03	4.102810e+03
[10116]	2.517012e+02	2.382558e+03	1.001630e+03	4.137528e+03	2.617025e+03
[10121]	4.394832e+03	3.557970e+03	3.628871e+03	4.090645e+03	4.803981e+03
[10126]	2.788175e+03	3.145996e+03	3.224338e+03	2.407017e+03	3.472828e+03
[10131]	4.387983e+03	5.760615e+03	2.566718e+03	4.683330e+03	2.657851e+03
[10136]	2.813116e+03	3.809627e+03	4.397429e+03	2.800201e+03	7.806781e+02
[10141]	5.043942e+03	7.375950e+02	6.966690e+03	2.688610e+03	3.654737e+03
[10146]	3.356199e+03	3.103292e+03	4.363429e+03	4.407475e+03	2.726533e+03



[10151]	3.198756e+03	2.299614e+03	2.795799e+03	3.730653e+03	1.922439e+03
[10156]	1.211822e+03	5.438832e+03	5.134287e+03	3.178494e+03	4.170272e+03
[10161]	3.870854e+03	2.043590e+03	1.682839e+03	1.997907e+03	1.617759e+03
[10166]	3.043686e+03	4.371347e+03	4.580851e+03	3.307441e+03	4.046543e+03
[10171]	3.222777e+03	4.759733e+03	2.455995e+03	3.465453e+03	2.374417e+03
[10176]	5.637506e+03	5.253707e+03	1.698443e+03	1.900767e+03	3.349273e+03
[10181]	4.871221e+03	2.271099e+03	3.442826e+03	5.331168e+03	4.463635e+03
[10186]	3.555483e+03	1.593681e+03	3.978149e+03	3.993937e+03	3.422642e+03
[10191]	3.344081e+03	4.529236e+03	5.212420e+03	2.123810e+02	3.631204e+03
[10196]	3.755461e+03	2.111604e+03	3.392976e+03	3.158239e+03	6.401281e+03
[10201]	2.233595e+03	1.624756e+03	1.350901e+03	5.140785e+03	4.639163e+03
[10206]	2.672172e+03	4.442333e+03	2.340308e+03	3.345913e+03	3.142874e+03
[10211]	2.226433e+03	3.314010e+03	4.148091e+03	3.893010e+03	3.512884e+03
[10216]	4.932081e+03	2.151569e+03	2.789762e+03	5.151691e+03	5.757558e+03
[10221]	4.732641e+03	4.879869e+03	5.091878e+03	2.976542e+03	8.024063e+03
[10226]	2.669327e+03	5.339132e+03	9.500727e+02	4.063991e+03	-1.888806e+03
[10231]	4.285972e+03	2.453584e+03	3.632078e+03	3.106695e+03	2.040363e+03
[10236]	1.250977e+03	5.587402e+03	4.084020e+02	3.229782e+03	4.216689e+03
[10241]	9.951332e+02	3.236907e+03	4.158024e+03	3.034960e+03	3.644169e+03
[10246]	4.131228e+03	3.325285e+03	2.163968e+03	2.523697e+03	-2.141942e+02
[10251]	2.497481e+03	4.573697e+03	2.783124e+03	1.835312e+03	7.362962e+03
[10256]	2.770891e+03	3.821587e+03	1.999708e+03	3.430625e+03	3.889811e+03
[10261]	2.601147e+03	-1.053094e+03	1.688499e+03	3.593059e+03	2.773622e+03
[10266]	2.081114e+03	1.892932e+03	1.274775e+03	2.864282e+03	2.188659e+03
[10271]	6.302872e+03	2.061253e+03	4.298883e+03	3.522524e+03	2.438714e+03
[10276]	2.471430e+03	2.482359e+03	6.523439e+03	5.417527e+03	2.101644e+03
[10281]	2.667012e+03	7.280232e+03	2.567423e+03	2.135588e+03	4.870599e+03
[10286]	2.012936e+03	2.956455e+03	2.458074e+03	4.490430e+03	8.340033e+02
[10291]	3.685995e+03	4.679155e+03	1.563547e+03	2.415326e+03	3.139738e+03
[10296]	3.735951e+03	2.444125e+03	6.972457e+02	1.942758e+03	1.930733e+03
[10301]	6.305016e+03	2.063794e+03	3.311924e+03	8.812698e+02	4.040959e+03
[10306]	3.651487e+03	3.717606e+03	3.324599e+03	1.339246e+03	2.190530e+03
[10311]	3.296376e+03	3.838239e+03	4.813090e+03	2.181986e+03	4.370639e+03
[10316]	1.605432e+03	3.975231e+03	4.521261e+03	2.602618e+03	1.941489e+03
[10321]	5.367211e+03	1.589391e+03	3.442074e+03	4.888878e+03	4.312920e+03
[10326]	5.091282e+03	6.507639e+03	3.261263e+03	6.846793e+03	3.257409e+03
[10331]	1.487945e+03	2.246451e+03	3.671923e+03	2.394109e+03	4.803434e+03
[10336]	5.884136e+03	1.825055e+03	4.135782e+03	3.198566e+03	2.306035e+03
[10341]	2.895282e+03	3.646407e+03	2.679591e+02	4.785772e+03	2.072289e+03
[10346]	5.271748e+03	5.775505e+02	2.523000e+03	4.704370e+03	3.333508e+03
[10351]	3.395227e+03	3.655489e+03	3.298755e+03	3.746674e+03	2.683889e+03
[10356]	4.104066e+03	1.781232e+03	2.192306e+03	4.759157e+03	3.195102e+03
[10361]	3.840983e+03	3.873321e+03	5.648956e+03	2.109108e+03	1.850668e+02

[10366]	5.475095e+03	3.955910e+03	4.823648e+03	2.869174e+03	3.699471e+03
[10371]	5.852646e+03	3.130883e+03	3.214819e+03	2.988016e+03	3.219042e+03
[10376]	3.719463e+03	2.993883e+03	3.247443e+03	2.780613e+03	5.681319e+03
[10381]	1.501457e+03	1.536504e+03	2.827392e+03	2.247157e+03	2.151088e+03
[10386]	3.046172e+03	4.701309e+03	4.905519e+03	3.590208e+03	4.190914e+03
[10391]	6.601909e+03	4.220013e+03	-4.139485e+02	3.292004e+03	3.055054e+03
[10396]	4.232878e+03	3.066328e+03	2.750354e+03	3.439657e+02	4.217669e+03
[10401]	1.710090e+03	2.588614e+03	4.090168e+03	1.787747e+03	2.167068e+03
[10406]	2.843991e+03	2.736194e+03	3.104286e+03	2.720692e+03	6.674285e+03
[10411]	3.071055e+03	2.088141e+03	1.301584e+03	3.338315e+03	1.621558e+03
[10416]	2.811082e+03	4.026777e+03	1.407229e+03	3.224308e+03	3.971196e+03
[10421]	3.594363e+03	3.584095e+03	3.619425e+03	6.431624e+03	3.483307e+03
[10426]	5.264115e+03	3.254153e+03	2.737154e+03	5.133751e+03	1.797308e+03
[10431]	3.608547e+03	1.000843e+03	1.521177e+03	4.007500e+03	3.251333e+03
[10436]	3.289372e+03	7.101386e+03	5.638567e+03	7.151222e+03	2.508660e+03
[10441]	3.393472e+03	2.800087e+03	1.292568e+03	3.470786e+03	1.337250e+03
[10446]	6.602368e+03	2.150146e+03	5.512895e+03	2.202574e+03	3.061972e+02
[10451]	1.422705e+03	4.472074e+03	1.520133e+03	4.195785e+03	3.119078e+03
[10456]	1.845820e+03	2.718863e+03	1.688904e+03	4.632252e+03	2.704884e+03
[10461]	1.915474e+03	4.548755e+03	3.747501e+03	2.521382e+03	4.109450e+03
[10466]	6.226320e+03	1.728636e+03	2.860573e+03	6.721647e+03	3.524144e+03
[10471]	1.120759e+03	3.197531e+03	4.011433e+02	1.917354e+03	2.537308e+03
[10476]	5.611287e+02	5.203270e+03	3.776905e+03	7.658531e+02	4.179001e+03
[10481]	4.763110e+03	1.968031e+03	2.991131e+03	3.232069e+03	2.168960e+03
[10486]	3.790420e+03	1.814342e+03	9.132581e+02	1.766071e+03	4.040632e+03
[10491]	3.611094e+03	2.142270e+03	2.068521e+03	4.512833e+03	5.526255e+03
[10496]	2.562485e+03	5.731697e+03	1.632217e+03	5.349768e+03	2.648444e+03
[10501]	3.718838e+03	1.993936e+03	5.344573e+03	2.680114e+03	4.118594e+03
[10506]	9.577602e+02	1.928280e+03	2.583370e+03	1.813645e+03	4.720348e+03
[10511]	4.607103e+03	2.015443e+03	4.546946e+03	9.746439e+02	4.944924e+03
[10516]	2.575656e+03	5.498302e+03	3.200157e+03	2.304023e+03	3.114976e+03
[10521]	2.535467e+03	3.591183e+03	4.014190e+03	6.600346e+03	3.905868e+03
[10526]	3.407735e+03	1.584720e+03	1.184425e+03	3.403126e+03	1.296623e+03
[10531]	1.981711e+03	4.989849e+03	3.270640e+03	5.350471e+03	2.253203e+03
[10536]	-1.957942e+03	1.975772e+03	3.993086e+03	1.904641e+03	4.881051e+03
[10541]	1.660831e+03	4.851816e+03	4.511268e+03	7.324650e+03	8.692325e+02
[10546]	2.617368e+03	1.214407e+03	2.722006e+03	3.617672e+03	1.375713e+03
[10551]	2.553921e+03	2.499864e+03	2.500220e+03	4.255557e+03	4.794867e+03
[10556]	3.843735e+03	6.680446e+03	1.306839e+03	4.171717e+03	9.737220e+02
[10561]	3.379179e+03	5.610438e+03	5.190914e+03	3.906487e+03	3.243876e+03
[10566]	3.962792e+03	5.845710e+02	3.126248e+03	4.711392e+03	5.658740e+03
[10571]	5.928510e+03	1.745003e+03	-5.552104e+02	1.952343e+03	5.425026e+03
[10576]	2.165897e+03	-1.044680e+03	3.322208e+03	-1.214771e+03	4.137030e+03

[10581]	-5.106417e+02	2.541870e+03	1.211138e+03	1.965196e+03	4.906043e+03
[10586]	4.172999e+03	2.458674e+03	2.232820e+03	1.607241e+03	4.296356e+03
[10591]	2.685911e+03	3.392350e+03	3.740671e+03	1.556508e+03	1.084027e+03
[10596]	4.785864e+03	5.552614e+03	2.986898e+03	1.687534e+03	4.080271e+03
[10601]	3.292765e+03	3.930931e+03	3.088253e+03	3.047285e+03	4.831593e+03
[10606]	3.749883e+03	3.218876e+03	2.478547e+03	4.585399e+03	3.928999e+03
[10611]	3.464265e+03	4.171078e+03	4.415170e+03	5.072370e+03	1.147634e+03
[10616]	2.745191e+03	4.740417e+03	2.018495e+03	6.675878e+02	3.545313e+03
[10621]	3.419186e+03	2.592806e+03	1.429486e+03	-2.433598e+02	4.077928e+03
[10626]	2.465241e+03	6.861248e+03	2.820508e+03	6.988431e+03	2.688604e+03
[10631]	2.897752e+03	1.169318e+03	2.405454e+03	3.451003e+03	4.183133e+03
[10636]	1.913036e+03	3.041851e+03	5.024412e+03	2.404288e+03	2.078331e+03
[10641]	4.857945e+03	2.394959e+03	2.940487e+03	3.255634e+03	3.403959e+03
[10646]	4.395360e+03	2.698906e+03	5.459234e+03	-1.518650e+02	3.131501e+03
[10651]	6.464023e+03	3.408435e+03	3.697562e+03	3.236004e+03	7.201392e+02
[10656]	6.606243e+03	1.600485e+03	4.858852e+03	6.070242e+03	4.270755e+03
[10661]	4.196370e+03	3.056030e+03	4.003603e+03	5.474470e+03	-2.476645e+01
[10666]	1.063714e+03	2.166328e+03	3.894178e+03	1.437833e+03	3.402112e+03
[10671]	9.662348e+02	3.233620e+03	3.290383e+03	3.825305e+03	3.641631e+02
[10676]	2.534421e+03	1.232535e+03	3.469779e+03	2.700710e+03	-8.870346e+02
[10681]	6.460620e+03	7.269735e+02	8.539325e+02	2.849625e+03	-2.177081e+02
[10686]	3.867353e+03	3.893612e+03	2.843859e+03	3.301185e+03	4.147466e+03
[10691]	-3.922692e+02	4.060582e+03	5.713665e+03	6.429422e+03	4.641408e+03
[10696]	7.074861e+02	1.102838e+03	2.244989e+03	1.153474e+03	1.594674e+03
[10701]	3.643531e+03	3.644739e+03	6.629539e+03	3.266002e+03	2.062977e+03
[10706]	2.704841e+03	3.886320e+03	1.980787e+03	5.504804e+03	2.906298e+03
[10711]	2.727640e+02	5.372343e+03	3.396904e+03	2.114278e+03	3.297181e+03
[10716]	5.910070e+03	3.654802e+03	3.408395e+03	6.244748e+03	2.979070e+03
[10721]	3.207998e+03	3.276243e+03	2.960266e+02	3.834413e+03	5.230764e+03
[10726]	5.184537e+02	3.565614e+03	7.969442e+02	1.395593e+03	3.115566e+03
[10731]	4.461007e+03	5.475253e+03	4.165116e+03	2.259179e+03	4.147050e+03
[10736]	5.667145e+02	4.442472e+03	2.461164e+03	3.134395e+03	7.244113e+03
[10741]	7.802327e+02	3.226353e+03	5.036899e+03	5.064312e+03	3.501646e+03
[10746]	3.674850e+03	4.970195e+03	4.576657e+03	2.618687e+03	3.724562e+03
[10751]	5.289705e+03	4.697927e+03	5.008414e+03	1.728130e+03	1.899821e+03
[10756]	4.211796e+03	2.777963e+03	3.768725e+03	2.417126e+03	3.419913e+03
[10761]	3.150372e+03	2.425903e+03	3.990004e+03	3.294492e+02	1.267704e+03
[10766]	4.515680e+03	1.940995e+03	2.290136e+03	3.616630e+03	1.445035e+03
[10771]	3.149055e+03	2.523290e+03	1.869521e+03	2.284704e+03	1.858190e+03
[10776]	4.713988e+03	3.247427e+03	4.034230e+03	3.659433e+03	9.389737e+02
[10781]	2.650727e+03	3.889326e+03	4.129658e+03	3.604984e+03	4.597784e+03
[10786]	5.449481e+02	5.165772e+02	4.304793e+03	4.017136e+03	1.233819e+03
[10791]	2.148770e+03	3.412458e+03	1.999494e+03	4.104773e+03	3.293173e+03

[10796]	4.322198e+03	3.667356e+03	7.532636e+03	5.113573e+03	2.687221e+03
[10801]	2.667688e+03	2.287607e+03	4.222610e+03	1.737892e+03	1.111101e+03
[10806]	3.685463e+03	5.618458e+03	3.756611e+03	2.584580e+03	4.250544e+03
[10811]	4.028627e+03	3.036571e+03	3.568001e+03	5.016975e+03	3.905052e+03
[10816]	4.203544e+03	3.409891e+03	4.719065e+03	2.756508e+03	2.889194e+03
[10821]	3.748865e+03	3.270681e+03	3.260802e+03	3.867049e+03	-4.093938e+01
[10826]	4.128163e+03	4.594328e+03	3.409856e+03	3.090906e+03	3.036191e+03
[10831]	-1.258856e+03	1.195496e+03	2.980628e+03	2.362360e+03	1.440973e+03
[10836]	4.756628e+03	2.873296e+03	5.002527e+03	1.475780e+03	5.027095e+03
[10841]	3.649538e+03	5.256556e+03	3.204410e+03	2.817898e+03	4.481399e+03
[10846]	3.480773e+03	1.512261e+03	2.125622e+03	5.505329e+03	4.889558e+03
[10851]	2.566542e+03	5.639931e+03	1.100255e+03	6.909988e+03	1.068280e+03
[10856]	-1.108506e+01	1.527756e+03	5.844504e+03	5.772022e+03	2.588846e+03
[10861]	-3.246602e+02	6.483526e+03	2.560259e+03	4.792804e+03	3.249241e+03
[10866]	3.127780e+03	5.110250e+03	4.380438e+03	4.142355e+03	6.629403e+03
[10871]	2.876053e+03	2.340142e+03	5.277041e+03	6.246208e+03	3.556739e+03
[10876]	3.987428e+03	4.215893e+03	3.755865e+03	6.025069e+03	-1.452401e+02
[10881]	3.770588e+03	1.719985e+03	2.439654e+03	7.535047e+02	2.874126e+03
[10886]	2.582441e+03	5.664920e+03	3.923067e+03	3.518380e+03	3.121303e+03
[10891]	-2.716279e+02	5.155061e+03	5.313938e+03	5.725685e+03	3.530623e+03
[10896]	2.776280e+03	2.942861e+03	3.529711e+03	1.245172e+03	4.597905e+03
[10901]	6.628071e+02	2.673355e+03	2.282749e+03	3.680884e+03	1.004993e+03
[10906]	1.715363e+03	2.617801e+03	2.313269e+03	-1.201318e+02	2.145812e+03
[10911]	4.339127e+03	1.528770e+03	6.170551e+03	3.489826e+03	5.044465e+03
[10916]	4.085404e+03	3.533662e+03	2.708987e+03	2.170514e+03	4.330811e+03
[10921]	2.299655e+03	3.005918e+03	5.113481e+03	5.365929e+03	4.334832e+02
[10926]	1.711408e+03	4.000887e+02	3.761736e+03	2.610925e+03	4.601863e+03
[10931]	4.822854e+03	1.573337e+03	3.039511e+03	4.177779e+03	4.415804e+03
[10936]	2.699285e+03	4.159691e+03	3.950567e+03	3.231908e+03	1.697643e+03
[10941]	4.394045e+03	3.187132e+03	2.097499e+03	2.856542e+03	3.272201e+03
[10946]	4.202535e+03	2.478020e+03	7.008526e+02	2.795924e+03	1.494240e+03
[10951]	5.107291e+03	8.176038e+02	4.050938e+03	-1.344036e+02	2.309845e+03
[10956]	3.120987e+03	3.194438e+03	3.495259e+03	2.090308e+03	6.987903e+03
[10961]	2.629142e+03	2.502942e+03	3.086203e+03	3.493200e+03	6.720377e+03
[10966]	3.729707e+03	3.827447e+03	2.455430e+03	2.427873e+03	3.397693e+03
[10971]	1.728699e+03	7.050452e+02	3.290987e+03	3.539113e+03	1.363033e+03
[10976]	3.333452e+03	3.164152e+03	1.785419e+02	8.710060e+02	2.904638e+03
[10981]	7.935819e+02	1.838708e+03	3.432790e+03	5.214181e+03	1.896307e+03
[10986]	5.138534e+03	3.515957e+03	4.534840e+03	1.477427e+03	2.799084e+03
[10991]	3.154465e+03	7.008116e+03	4.734455e+03	2.323498e+03	3.704616e+03
[10996]	5.276516e+03	1.313220e+03	1.023070e+03	3.117442e+03	2.578705e+03
[11001]	3.486748e+03	3.020086e+03	1.611950e+03	9.929451e+02	3.799314e+03
[11006]	6.327538e+03	2.084008e+03	4.943769e+03	4.301159e+03	3.018543e+03

[11011]	1.931836e+03	4.060908e+03	3.319721e+03	4.679982e+03	2.470223e+03
[11016]	9.302363e+02	4.593254e+03	2.029898e+03	3.645419e+03	6.398438e+03
[11021]	2.247970e+03	1.055195e+03	3.058050e+03	2.576566e+03	3.244466e+03
[11026]	2.379667e+03	1.779667e+03	2.438191e+03	2.044878e+03	2.267629e+03
[11031]	5.559213e+03	4.353889e+03	1.210627e+03	1.185049e+03	2.509375e+03
[11036]	2.888673e+03	3.449244e+03	3.731214e+03	3.771745e+03	4.236998e+02
[11041]	3.525551e+03	2.688128e+03	1.924760e+03	3.982094e+03	3.467477e+03
[11046]	1.206177e+03	4.356053e+03	3.382688e+03	5.534369e+03	5.282199e+03
[11051]	5.118077e+03	4.097756e+03	3.518186e+03	2.792806e+03	3.175155e+03
[11056]	4.366564e+03	3.381610e+03	4.433864e+03	3.134086e+03	4.642463e+03
[11061]	4.002483e+03	2.554680e+03	3.973778e+03	1.712649e+03	2.084466e+03
[11066]	4.522401e+03	2.721400e+03	3.807065e+03	3.676518e+03	8.284592e+02
[11071]	4.813401e+03	4.030461e+03	2.175276e+03	1.537994e+03	7.458809e+03
[11076]	1.239040e+02	5.234958e+03	2.444161e+03	3.990227e+03	1.818414e+03
[11081]	3.046710e+03	3.578899e+03	5.506710e+03	3.345831e+03	3.193368e+03
[11086]	4.218920e+03	4.105928e+03	3.553517e+03	1.458130e+03	4.358166e+03
[11091]	3.303221e+03	1.392793e+03	1.615756e+03	3.738278e+03	3.828077e+03
[11096]	5.444869e+03	4.445976e+03	2.077733e+03	6.787739e+03	2.703482e+03
[11101]	3.607053e+03	5.103709e+03	4.617508e+03	4.317560e+03	5.182557e+03
[11106]	5.390897e+03	2.494590e+03	4.281815e+03	3.763404e+03	4.466345e+03
[11111]	3.626391e+03	4.442611e+03	3.443202e+03	2.578199e+03	4.133099e+03
[11116]	3.267289e+03	2.008598e+03	4.729314e+03	2.820413e+03	2.333457e+03
[11121]	6.614321e+03	1.949203e+03	3.490353e+03	3.520175e+03	-3.065726e+02
[11126]	2.306154e+03	6.034559e+03	4.420832e+03	4.376717e+03	2.673729e+03
[11131]	3.274503e+03	3.119659e+03	3.371726e+03	5.186784e+03	4.561311e+03
[11136]	3.237157e+03	4.609668e+03	4.339118e+02	3.156179e+03	5.693800e+03
[11141]	5.105206e+03	4.162407e+03	3.546200e+03	3.304386e+03	3.176498e+03
[11146]	5.956360e+03	3.564567e+03	1.338620e+03	3.728995e+03	2.020896e+03
[11151]	1.722304e+03	1.333704e+03	-3.159200e+02	5.804683e+03	4.236813e+03
[11156]	4.525439e+03	3.996001e+03	4.405148e+03	4.851476e+03	3.823484e+03
[11161]	3.884458e+03	3.079115e+03	3.287898e+03	2.734903e+03	5.286179e+03
[11166]	1.677637e+03	2.833099e+02	2.331941e+03	4.400705e+03	3.155250e+03
[11171]	1.698906e+03	3.150217e+03	2.354050e+03	1.733351e+03	7.422529e+03
[11176]	2.148770e+03	2.055016e+03	3.463866e+03	3.876308e+02	4.766139e+03
[11181]	3.859891e+03	2.081561e+03	1.140061e+03	1.050715e+03	3.702336e+03
[11186]	4.277742e+03	5.524924e+03	3.876173e+03	8.185158e+02	4.721434e+03
[11191]	3.791801e+03	6.056656e+03	5.010270e+03	4.435870e+03	3.972480e+03
[11196]	6.888549e+02	1.490740e+03	1.489750e+03	4.958388e+03	3.722257e+03
[11201]	2.902874e+03	3.835944e+03	5.110426e+03	1.477295e+03	5.303480e+02
[11206]	1.489957e+03	3.981915e+03	4.335733e+03	3.332078e+03	6.507264e+03
[11211]	4.068293e+03	2.994757e+03	4.412479e+03	1.173034e+03	1.358811e+03
[11216]	4.787159e+03	2.487437e+03	2.002344e+03	5.340745e+03	2.191848e+03
[11221]	3.985700e+03	2.997991e+03	2.285729e+03	4.496179e+03	3.981059e+03

[11226]	3.013665e+03	2.285669e+03	3.578405e+03	2.742921e+03	3.960608e+03
[11231]	3.967502e+03	6.615844e+03	9.913374e+02	3.749693e+03	4.214995e+03
[11236]	3.014062e+03	6.455706e+03	2.590302e+03	2.664429e+03	7.941873e+03
[11241]	7.872651e+03	4.960650e+03	3.885267e+03	3.494640e+03	2.320656e+03
[11246]	1.331909e+03	4.496406e+03	6.111126e+03	2.959000e+03	3.959834e+03
[11251]	2.850665e+03	3.336477e+03	2.600940e+03	2.032414e+03	5.420779e+03
[11256]	4.361285e+03	4.512374e+03	2.541469e+03	5.507252e+03	3.075103e+03
[11261]	3.182494e+03	1.761028e+03	4.229308e+03	3.567578e+03	-1.367776e+02
[11266]	4.572204e+03	2.446025e+03	3.164697e+03	3.645780e+02	2.441228e+03
[11271]	1.245012e+03	5.002279e+03	5.675025e+03	1.969677e+03	2.530519e+03
[11276]	6.327987e+03	6.088398e+03	3.082379e+03	-8.559786e+01	2.909236e+03
[11281]	4.539370e+03	3.246371e+03	8.073213e+02	1.454099e+03	2.327217e+03
[11286]	4.322281e+03	3.508492e+02	1.843687e+03	3.894230e+03	2.667662e+03
[11291]	2.830540e+02	5.290767e+03	3.764139e+03	2.122730e+03	3.846083e+03
[11296]	2.037101e+03	1.958522e+03	4.294851e+03	1.187849e+03	2.485616e+03
[11301]	4.603969e+03	2.123529e+03	4.347127e+03	1.421474e+03	3.880298e+03
[11306]	1.008209e+03	2.684089e+03	4.118430e+03	1.050497e+02	3.803852e+03
[11311]	2.654088e+03	2.693043e+03	3.953412e+03	3.401832e+03	3.733456e+03
[11316]	4.439716e+03	9.590390e+02	3.593079e+03	2.921768e+03	5.142386e+03
[11321]	4.892335e+03	4.423095e+03	1.807069e+03	3.656024e+03	4.228175e+03
[11326]	2.791058e+03	2.968091e+03	2.430928e+03	3.971520e+03	2.142837e+03
[11331]	5.052698e+03	2.377648e+03	3.553298e+03	2.740759e+03	5.316461e+03
[11336]	2.538506e+03	1.709171e+03	4.097905e+03	3.680298e+03	3.272684e+03
[11341]	3.278881e+03	3.779611e+03	1.913836e+03	3.290675e+03	4.699857e+03
[11346]	3.879047e+03	3.411678e+03	3.745530e+03	2.298608e+01	3.113482e+03
[11351]	4.288124e+02	3.175847e+03	4.391712e+03	3.458886e+03	1.779910e+03
[11356]	1.643661e+03	1.860190e+03	3.435069e+03	4.338244e+03	5.545346e+03
[11361]	2.716257e+03	2.978150e+03	3.603247e+03	2.418108e+03	3.998184e+02
[11366]	3.184177e+03	2.494718e+03	2.801163e+03	3.963726e+02	3.705807e+03
[11371]	1.821594e+03	3.562331e+03	2.018682e+03	5.030583e+03	4.058924e+03
[11376]	3.632180e+03	4.541006e+03	7.359016e+03	5.257644e+03	5.724670e+03
[11381]	3.076289e+03	-2.034114e+02	4.245535e+03	-2.213925e+02	1.030955e+03
[11386]	5.507559e+03	1.889447e+03	1.258392e+03	3.582210e+03	3.545681e+03
[11391]	3.951885e+03	1.919762e+03	2.434345e+03	4.303068e+03	3.458415e+03
[11396]	2.698841e+03	3.358346e+03	3.803961e+03	2.036242e+03	6.794181e+03
[11401]	4.752231e+03	2.235785e+03	2.515788e+03	4.746868e+03	2.920242e+03
[11406]	-1.241178e+02	6.870718e+02	3.759719e+03	3.940500e+03	5.454449e+02
[11411]	2.747713e+03	3.003143e+03	2.368246e+03	1.215634e+03	8.785430e+02
[11416]	1.309178e+03	5.568257e+03	3.278330e+03	3.662032e+03	4.554254e+03
[11421]	3.691613e+03	1.089958e+02	2.056908e+03	2.064662e+03	4.778855e+03
[11426]	2.733058e+03	-1.938803e+02	8.211782e+03	1.352180e+03	4.746852e+03
[11431]	3.692987e+03	3.906633e+03	3.693041e+03	2.881605e+03	5.175802e+03
[11436]	3.960200e+03	2.209970e+03	4.804546e+03	4.192245e+03	3.446668e+03

[11441]	1.956604e+03	4.799806e+03	3.302756e+03	1.265363e+03	3.687284e+03
[11446]	1.156076e+03	3.744999e+03	3.728384e+03	3.574372e+03	3.782945e+03
[11451]	2.915566e+03	3.513862e+03	1.543137e+03	3.978188e+03	5.018287e+03
[11456]	1.630450e+03	5.950726e+03	1.037360e+03	2.944406e+03	-1.738027e+03
[11461]	4.849259e+03	5.152807e+03	3.651232e+03	2.684644e+03	9.827112e+02
[11466]	4.081167e+03	5.561809e+03	1.736313e+03	2.214233e+03	5.492942e+03
[11471]	2.778088e+03	4.810410e+03	2.643667e+03	2.675088e+03	4.759722e+03
[11476]	5.250366e+03	2.693480e+03	3.479401e+03	3.435914e+03	2.942779e+03
[11481]	1.523014e+03	2.043870e+03	3.753365e+03	3.074045e+03	4.886127e+03
[11486]	2.507354e+03	1.667051e+03	3.715153e+03	2.133044e+03	5.535293e+03
[11491]	4.585031e+03	5.484034e+03	1.919834e+03	2.246941e+03	1.378128e+03
[11496]	1.023855e+03	5.670783e+03	3.510535e+03	6.362025e+03	5.643416e+03
[11501]	2.430755e+03	1.868046e+03	5.853984e+03	6.107841e+03	3.673208e+03
[11506]	3.435709e+03	3.430786e+03	4.559147e+03	6.905875e+02	1.801515e+03
[11511]	1.572779e+03	4.046757e+03	2.862852e+03	4.504704e+03	4.249991e+03
[11516]	1.052817e+03	3.905966e+03	5.487316e+03	7.655889e+02	1.279212e+03
[11521]	3.835265e+03	1.733490e+03	1.285785e+03	1.455144e+03	3.347627e+03
[11526]	3.231259e+03	3.840951e+03	2.876470e+03	6.252665e+03	9.814925e+01
[11531]	1.924202e+03	6.690532e+03	4.395820e+03	6.750027e+03	4.197212e+03
[11536]	4.474769e+03	3.682509e+03	3.604875e+03	-7.489428e+02	3.903626e+03
[11541]	8.013375e+03	4.373636e+03	3.600751e+03	2.995279e+03	3.467802e+03
[11546]	-4.218785e+02	2.526345e+03	6.606424e+03	4.433794e+03	1.594805e+03
[11551]	2.540258e+03	3.481846e+03	1.412231e+03	1.870004e+03	2.297862e+03
[11556]	5.915472e+03	4.659602e+03	3.124692e+03	6.440195e+03	5.343654e+03
[11561]	3.666449e+03	3.496329e+03	3.965392e+03	4.263535e+03	3.204013e+03
[11566]	4.424074e+03	1.298433e+03	3.165324e+03	2.373296e+03	6.138228e+03
[11571]	3.674708e+03	7.203636e+02	1.823708e+03	1.330032e+03	6.973096e+02
[11576]	2.031917e+02	3.501950e+03	2.878464e+03	6.070705e+03	4.000881e+03
[11581]	5.976722e+02	1.652464e+03	3.532706e+03	3.420905e+03	6.690777e+03
[11586]	4.565862e+03	2.324906e+03	4.119212e+03	3.776965e+03	-8.938967e+01
[11591]	1.293632e+02	5.077530e+03	5.763055e+03	3.130686e+03	4.324051e+03
[11596]	5.056816e+03	1.913027e+03	5.181824e+03	1.798374e+03	2.054831e+03
[11601]	1.981369e+03	7.189917e+02	5.635969e+02	4.260031e+03	4.882134e+03
[11606]	3.658952e+03	5.081825e+03	4.574718e+03	4.956781e+03	4.408880e+03
[11611]	2.101416e+03	4.847763e+03	5.226272e+03	4.760291e+03	1.843856e+03
[11616]	3.350162e+03	1.984059e+03	4.281556e+03	3.385768e+03	3.268412e+03
[11621]	5.117215e+03	3.420701e+03	2.934386e+03	7.683238e+01	2.843301e+03
[11626]	4.215172e+03	2.139582e+03	4.584586e+03	1.572052e+03	5.431702e+03
[11631]	3.926043e+03	5.096661e+03	3.501487e+03	3.763428e+03	4.207644e+03
[11636]	6.156223e+02	4.531709e+03	2.313965e+03	3.580364e+03	5.603740e+03
[11641]	3.920219e+03	2.155638e+03	3.168864e+03	3.930947e+03	5.162294e+03
[11646]	5.040438e+03	3.791427e+03	2.050691e+03	3.454966e+03	3.232744e+03
[11651]	2.112905e+03	-3.878955e+02	2.523545e+03	3.000505e+03	3.858365e+03

[11656]	4.983422e+03	1.352538e+03	1.359427e+03	1.559758e+03	2.620714e+03
[11661]	2.440824e+03	5.210651e+03	3.567077e+03	4.333524e+03	5.092022e+03
[11666]	-1.298635e+03	1.454914e+03	2.136944e+03	3.058506e+02	2.089185e+03
[11671]	1.261990e+03	4.624828e+03	4.950700e+03	3.044518e+03	4.898917e+03
[11676]	4.464423e+03	3.616313e+03	5.932962e+03	1.561540e+03	3.826145e+03
[11681]	1.657936e+03	2.148659e+03	7.040318e+03	4.840058e+02	3.452030e+03
[11686]	2.158837e+03	2.866159e+03	2.047210e+03	3.198251e+03	1.666375e+03
[11691]	3.671420e+03	5.655079e+03	3.822123e+03	6.454226e+03	4.008281e+03
[11696]	2.675207e+03	5.958421e+02	2.854960e+03	3.045553e+03	4.361880e+03
[11701]	2.764958e+03	3.976316e+03	4.225916e+03	6.292183e+02	3.989642e+03
[11706]	3.329364e+03	1.548883e+03	3.125106e+03	1.637925e+03	1.631311e+03
[11711]	1.686765e+02	5.913294e+03	2.824558e+03	3.154259e+03	4.887913e+03
[11716]	3.582950e+03	2.101948e+03	3.687247e+03	3.799329e+03	4.308493e+03
[11721]	2.119983e+03	2.587779e+03	6.120150e+03	2.341612e+03	5.940632e+03
[11726]	2.372653e+03	4.565571e+03	1.902694e+03	1.299284e+03	1.922780e+03
[11731]	1.713123e+02	2.720043e+03	1.655658e+03	3.298319e+03	5.952884e+03
[11736]	3.710932e+03	4.655526e+03	8.573537e+03	2.315126e+03	6.080620e+02
[11741]	3.917088e+03	3.102923e+03	1.932614e+03	1.928192e+03	9.900642e+02
[11746]	2.558116e+03	2.376926e+03	1.374778e+03	3.736071e+03	3.110067e+03
[11751]	1.055881e+03	2.615157e+03	2.932486e+03	3.154228e+03	2.774338e+03
[11756]	1.216485e+03	1.915903e+03	3.998502e+03	2.521575e+03	1.791475e+03
[11761]	4.061242e+03	5.085958e+03	3.298090e+03	3.006933e+03	5.373775e+03
[11766]	3.085638e+03	3.157273e+03	2.215279e+03	4.919426e+03	2.342242e+03
[11771]	2.793235e+03	4.410522e+03	1.627687e+03	2.405927e+03	-4.432488e+02
[11776]	7.061757e+02	2.059166e+03	8.038731e+03	2.145541e+03	4.631449e+03
[11781]	2.274979e+03	5.286961e+03	4.566380e+03	4.723626e+03	3.602794e+03
[11786]	3.154713e+03	2.959739e+03	1.297949e+03	3.846284e+03	1.799084e+03
[11791]	4.295002e+03	3.180984e+03	1.803074e+03	1.621507e+03	2.870028e+03
[11796]	2.951529e+03	4.861731e+03	3.849744e+03	4.177654e+03	2.887398e+03
[11801]	5.875653e+03	5.351082e+03	5.540049e+03	4.781508e+03	2.846160e+03
[11806]	2.167316e+03	1.599835e+03	4.942911e+03	4.842625e+03	5.312117e+03
[11811]	1.234561e+03	3.565583e+03	4.298604e+03	1.992968e+03	3.708212e+03
[11816]	4.293881e+03	5.413396e+03	4.152124e+03	3.578952e+03	3.716376e+03
[11821]	4.408614e+03	3.622155e+03	-4.355922e+02	3.721232e+03	2.863168e+03
[11826]	3.154870e+03	5.268651e+03	3.999762e+03	5.131469e+03	2.120529e+03
[11831]	1.776159e+03	2.369592e+03	5.635900e+03	4.471884e+03	2.578085e+03
[11836]	2.726016e+03	1.333066e+03	2.744114e+03	4.258208e+03	4.787319e+03
[11841]	2.777732e+03	3.425951e+03	4.036689e+03	3.647235e+03	1.644482e+03
[11846]	1.786611e+03	5.509810e+03	4.691644e+03	3.892447e+03	5.810933e+03
[11851]	3.107977e+03	3.259099e+03	3.569050e+03	4.255426e+03	4.580120e+03
[11856]	6.138179e+02	2.693033e+03	1.425580e+03	3.210414e+03	3.563790e+03
[11861]	1.689689e+03	6.275288e+03	2.776807e+03	5.680931e+03	4.014638e+03
[11866]	2.928710e+03	4.522961e+03	4.840568e+03	4.372638e+03	3.307707e+03



[11871]	4.910068e+03	3.675425e+03	4.927115e+03	3.424313e+03	2.069374e+03
[11876]	3.541031e+03	5.322384e+03	2.339605e+03	4.734707e+03	3.068818e+03
[11881]	6.381448e+03	4.620285e+03	3.388480e+03	6.563142e+03	3.375147e+03
[11886]	2.436404e+03	5.976577e+03	5.939677e+03	2.592038e+03	2.841758e+03
[11891]	1.506953e+03	3.110257e+03	5.066726e+03	6.121709e+03	3.360896e+03
[11896]	6.678849e+03	3.145530e+03	1.934119e+03	3.743921e+03	3.631148e+03
[11901]	9.801865e+01	2.018811e+03	1.783106e+03	3.891916e+03	8.953788e+02
[11906]	2.490296e+03	3.941317e+03	3.578519e+03	2.475143e+03	3.202908e+03
[11911]	4.176999e+03	2.422816e+03	4.053916e+02	4.208529e+03	3.153207e+03
[11916]	1.349505e+03	3.981520e+03	5.493515e+03	3.076738e+03	2.176866e+03
[11921]	4.250080e+03	3.424709e+03	3.697379e+03	2.581744e+03	2.469322e+03
[11926]	2.562544e+03	3.396685e+03	2.009661e+03	2.948356e+03	4.060700e+03
[11931]	3.239669e+03	1.694874e+03	4.219647e+03	1.376934e+03	3.208301e+03
[11936]	1.048772e+03	4.757728e+02	3.801604e+03	2.280694e+03	2.846333e+03
[11941]	3.171425e+03	5.342607e+03	1.362227e+03	2.868430e+03	4.335965e+03
[11946]	5.064494e+03	1.805152e+03	3.869521e+03	4.739720e+03	-4.031630e+02
[11951]	3.678913e+03	1.248238e+03	3.745980e+03	2.974237e+03	1.143401e+03
[11956]	2.705018e+03	2.992512e+03	3.265091e+03	1.182369e+03	5.457214e+03
[11961]	2.308745e+03	5.191911e+03	4.585992e+03	9.401766e+02	2.659690e+03
[11966]	1.901257e+03	2.663809e+03	4.488531e+03	1.992020e+03	4.090986e+03
[11971]	2.349564e+03	3.658760e+03	5.747574e+03	3.798490e+03	3.209475e+03
[11976]	2.970231e+03	3.066257e+03	5.551142e+02	5.628735e+03	4.048964e+03
[11981]	6.607204e+03	4.332164e+03	3.135512e+03	5.756714e+02	1.433200e+03
[11986]	3.032488e+03	4.291236e+03	4.811973e+03	1.370025e+03	4.586576e+03
[11991]	1.450597e+03	3.932239e+03	1.298471e+03	1.658698e+03	3.674032e+03
[11996]	5.292633e+03	5.473115e+03	7.184136e+01	1.568783e+03	2.301506e+03
[12001]	3.687911e+03	5.116501e+03	3.272971e+03	1.492618e+03	1.188072e+03
[12006]	2.894796e+03	-9.521560e+01	1.404704e+03	3.439680e+03	5.899126e+03
[12011]	2.487985e+03	3.877451e+03	2.842806e+03	2.667576e+03	5.652758e+03
[12016]	2.134478e+03	3.801255e+03	2.228401e+03	1.835778e+03	1.084562e+03
[12021]	3.543947e+03	5.220303e+03	3.534147e+03	4.439800e+03	1.663082e+03
[12026]	2.314241e+03	2.424025e+03	5.464556e+03	4.017512e+03	4.654237e+03
[12031]	4.919703e+03	3.964433e+03	5.567330e+03	1.668710e+03	1.623387e+03
[12036]	1.596134e+03	2.012281e+03	2.958198e+03	2.405535e+03	1.933769e+03
[12041]	2.827892e+03	2.854907e+03	3.269878e+03	2.589356e+03	2.789710e+03
[12046]	3.315558e+03	6.121327e+03	4.900055e+03	3.996830e+03	2.677062e+03
[12051]	3.244821e+03	3.646333e+03	2.171122e+03	2.115988e+03	2.671168e+03
[12056]	1.912861e+03	7.439951e+03	4.037557e+03	5.002575e+03	3.981351e+03
[12061]	1.909748e+03	6.053012e+03	3.552224e+03	3.705470e+03	6.104958e+03
[12066]	5.169585e+03	-1.682630e+02	1.759939e+03	2.240731e+03	4.552796e+03
[12071]	4.808747e+03	2.931871e+03	7.355226e+03	1.465801e+03	1.920211e+03
[12076]	3.047930e+03	4.981349e+03	2.302826e+03	2.491398e+03	2.322221e+03
[12081]	2.705700e+03	1.708239e+03	3.855493e+03	5.446743e+03	3.229386e+03

[12086]	1.591755e+03	3.581656e+03	6.249058e+03	1.575200e+03	4.178522e+03
[12091]	1.374848e+03	3.387669e+03	1.791402e+03	2.557722e+03	3.799393e+03
[12096]	4.928893e+03	6.169343e+03	2.142632e+03	1.034886e+03	3.565749e+02
[12101]	2.796976e+03	3.534386e+03	3.680303e+03	3.015094e+03	1.937152e+03
[12106]	5.436908e+03	3.601425e+03	2.569095e+03	3.393180e+03	5.273937e+03
[12111]	6.809146e+03	4.799325e+03	3.518846e+03	2.804295e+03	5.214118e+03
[12116]	2.587160e+03	-6.498194e+02	5.014842e+03	5.091796e+03	4.720583e+03
[12121]	4.863776e+03	3.324676e+03	7.271033e+02	2.186600e+03	2.021726e+03
[12126]	1.752578e+03	1.380733e+03	2.866580e+03	3.079442e+03	1.831565e+03
[12131]	2.312018e+02	4.823378e+03	4.364966e+03	-6.957688e+01	-5.528795e+02
[12136]	3.236650e+03	1.583508e+03	6.205144e+03	2.723619e+03	5.869214e+03
[12141]	2.035248e+03	8.647391e+02	2.017134e+03	1.815766e+03	3.019918e+03
[12146]	1.926987e+03	3.340382e+03	2.258479e+03	3.257581e+03	2.956684e+03
[12151]	3.772462e+03	3.030539e+03	1.957536e+03	2.786991e+03	3.036005e+03
[12156]	3.717907e+03	3.340683e+03	5.825303e+03	3.984885e+03	2.936534e+03
[12161]	2.788786e+03	3.609791e+03	7.691897e+03	2.996490e+03	2.551077e+03
[12166]	2.700353e+02	3.500852e+03	2.427755e+03	3.426655e+03	1.148385e+03
[12171]	4.310386e+03	3.440192e+03	5.047756e+03	4.069206e+03	6.220522e+02
[12176]	3.174124e+03	3.022305e+03	1.646235e+03	3.136016e+03	5.660226e+03
[12181]	3.269979e+03	4.422596e+03	4.992695e+03	4.631958e+03	3.696632e+03
[12186]	3.959005e+03	1.192251e+03	5.430579e+03	2.832404e+03	2.460786e+03
[12191]	2.957974e+03	2.344000e+03	5.973514e+03	2.518685e+03	1.832496e+03
[12196]	2.507687e+03	3.754239e+03	3.770535e+03	3.921828e+03	4.117291e+02
[12201]	4.690913e+03	1.694941e+03	1.412183e+03	3.117663e+03	5.828903e+03
[12206]	3.575332e+03	1.987343e+03	4.429389e+03	6.905569e+03	3.392282e+03
[12211]	1.800859e+03	1.370615e+03	3.361157e+03	3.767216e+03	1.207628e+03
[12216]	1.602465e+03	2.967295e+03	-1.932708e+03	2.235472e+03	2.030070e+03
[12221]	2.876128e+03	5.045041e+03	3.982049e+03	4.467414e+03	5.555049e+03
[12226]	1.194399e+03	7.364981e+03	6.131263e+03	3.854163e+03	5.783859e+03
[12231]	5.176619e+03	4.609634e+03	4.278021e+03	4.309970e+03	2.218455e+03
[12236]	2.315648e+03	4.113632e+03	3.605531e+03	2.847075e+03	3.724854e+03
[12241]	3.868192e+03	1.243380e+03	4.336291e+03	3.462097e+03	3.695505e+03
[12246]	4.595907e+03	6.601553e+02	3.123979e+03	2.808180e+03	5.142170e+02
[12251]	5.326925e+02	9.338799e+02	2.658195e+03	3.664649e+03	1.779594e+03
[12256]	5.766232e+03	3.632958e+03	5.437766e+03	2.513770e+03	1.400162e+03
[12261]	4.806453e+03	2.477782e+03	4.667255e+03	2.158101e+03	4.168445e+03
[12266]	4.908995e+03	-2.709099e+02	3.410548e+03	5.445999e+02	2.305435e+03
[12271]	2.142652e+03	3.043345e+03	5.663038e+03	1.768397e+03	6.958091e+03
[12276]	4.003214e+03	8.071764e+02	3.121320e+03	2.273718e+03	1.423651e+02
[12281]	3.529488e+03	3.491825e+03	1.920834e+03	2.099032e+03	4.334202e+03
[12286]	2.979269e+03	5.261613e+03	2.275344e+03	1.117466e+03	2.917587e+03
[12291]	4.539211e+03	3.502315e+03	2.436866e+03	1.399371e+03	1.453415e+03
[12296]	1.962070e+03	2.482880e+03	2.903539e+03	3.500520e+03	3.401332e+03

[12301]	4.838742e+03	5.325450e+03	2.518247e+03	4.200290e+03	3.380785e+03
[12306]	3.287817e+03	2.847749e+03	6.119550e+03	1.891962e+03	6.520385e+03
[12311]	3.629961e+03	1.497298e+03	4.268391e+03	4.930424e+03	4.561054e+03
[12316]	3.013288e+03	3.947590e+03	4.180188e+03	1.608249e+03	2.217160e+03
[12321]	4.945944e+03	6.639775e+03	5.595773e+03	3.996358e+03	5.301525e+03
[12326]	1.973489e+03	2.327979e+03	1.806601e+03	4.876570e+03	4.423505e+03
[12331]	3.988742e+03	6.793552e+03	1.891573e+03	4.799047e+03	1.612605e+03
[12336]	1.544061e+03	-5.298834e+02	1.863972e+03	2.120742e+03	4.712341e+03
[12341]	3.445800e+03	2.648747e+03	1.609915e+03	6.700526e+03	4.264902e+03
[12346]	2.250647e+03	2.412244e+03	3.475785e+03	1.744440e+03	4.683022e+03
[12351]	2.276483e+02	1.453382e+03	4.883410e+03	6.184565e+03	3.270511e+03
[12356]	3.501165e+03	-1.222578e+02	1.726743e+03	5.620491e+03	1.483498e+03
[12361]	1.831215e+03	1.325078e+03	5.975390e+02	2.413563e+03	1.448306e+03
[12366]	7.457082e+03	3.195765e+03	1.432868e+03	1.741628e+03	2.775672e+03
[12371]	5.562314e+03	3.076071e+03	3.976073e+03	2.736594e+03	5.991293e+03
[12376]	5.219642e+03	1.441917e+03	3.574751e+03	3.976188e+03	5.825719e+03
[12381]	2.144558e+03	2.058128e+03	4.410321e+03	2.894912e+02	3.556765e+03
[12386]	1.755380e+03	2.359223e+03	4.433544e+03	3.899959e+03	4.139958e+03
[12391]	2.573482e+03	1.873569e+03	4.660178e+03	2.045002e+03	3.906310e+03
[12396]	4.245634e+03	3.718726e+03	3.687725e+03	5.930894e+02	3.392272e+03
[12401]	3.453482e+03	1.528640e+03	2.079304e+03	3.449105e+03	6.375012e+03
[12406]	4.964588e+03	3.483678e+03	2.294797e+03	2.403445e+03	3.637086e+03
[12411]	4.853158e+03	3.365712e+03	5.714232e+03	3.433145e+03	3.780914e+03
[12416]	3.152116e+03	4.012859e+03	1.666479e+03	2.964480e+03	3.904574e+03
[12421]	2.819243e+03	5.238475e+03	5.329922e+03	2.109407e+03	5.699472e+03
[12426]	5.317611e+03	3.830465e+03	4.747267e+03	2.362555e+03	4.742997e+03
[12431]	6.795834e+03	3.251466e+03	5.484119e+03	3.456839e+03	5.872137e+03
[12436]	2.399432e+03	5.385901e+03	4.186017e+03	5.471806e+03	3.402309e+03
[12441]	4.834383e+03	2.138867e+03	5.189436e+03	3.896738e+03	4.359522e+03
[12446]	2.052689e+03	3.651638e+03	1.573174e+03	2.426580e+03	2.288379e+03
[12451]	2.425349e+03	4.254171e+03	4.781719e+03	4.741495e+03	3.482604e+03
[12456]	1.918404e+03	4.260508e+03	2.242165e+03	3.150076e+03	3.531878e+03
[12461]	3.675902e+02	2.275891e+03	6.164264e+03	2.166601e+03	1.721121e+03
[12466]	3.114674e+03	5.491235e+02	2.524349e+03	2.215108e+03	1.894685e+03
[12471]	3.362702e+03	1.993824e+03	6.297902e+03	5.545304e+03	2.172820e+03
[12476]	1.842543e+03	4.208665e+03	3.096022e+03	3.588603e+03	4.707029e+03
[12481]	2.952364e+03	3.833225e+03	4.443535e+03	2.861432e+03	4.216768e+03
[12486]	2.351025e+03	2.611962e+03	3.088966e+03	1.785914e+03	2.370506e+02
[12491]	2.946473e+03	3.035504e+03	4.187404e+03	-4.196710e+02	4.807642e+03
[12496]	1.651958e+03	4.219071e+03	2.041864e+03	2.177431e+03	4.194787e+03
[12501]	3.724030e+03	4.010040e+03	3.004152e+03	1.095535e+03	3.899212e+03
[12506]	2.411356e+03	3.399957e+03	2.207848e+03	4.760336e+03	2.837802e+03
[12511]	2.196454e+03	2.683239e+03	2.626970e+03	2.643350e+03	4.938054e+03

[12516]	2.682905e+03	3.609207e+03	-2.421905e+02	3.214582e+03	4.574174e+03
[12521]	3.608092e+03	2.336419e+03	2.640033e+03	3.037313e+03	1.931890e+03
[12526]	8.147220e+02	1.092264e+03	5.704721e+03	4.092736e+03	3.371807e+03
[12531]	3.379062e+03	3.749221e+03	4.011396e+03	3.152514e+03	3.524325e+03
[12536]	4.350451e+03	3.629553e+03	1.913802e+03	2.262003e+03	4.762752e+03
[12541]	4.314474e+03	4.071830e+03	4.189526e+03	3.925732e+03	6.685700e+02
[12546]	1.535643e+02	3.747076e+03	3.576467e+03	4.160954e+03	3.035573e+03
[12551]	4.153721e+03	4.918826e+03	5.523821e+03	3.545136e+03	5.436828e+03
[12556]	3.518782e+03	2.378856e+03	1.891741e+03	1.707549e+03	3.328434e+03
[12561]	5.794682e+03	3.871993e+03	2.743410e+03	4.199570e+03	5.857701e+03
[12566]	2.239251e+03	3.098555e+03	4.612533e+03	3.599908e+03	3.932166e+03
[12571]	4.243831e+03	2.312363e+03	4.177947e+03	5.648260e+03	3.350913e+03
[12576]	2.689707e+03	2.192529e+03	1.189855e+03	1.600353e+03	3.742387e+03
[12581]	5.243671e+03	1.367086e+03	5.508103e+03	4.092500e+03	3.004791e+03
[12586]	2.899454e+03	3.604937e+03	3.600406e+03	3.320053e+03	3.931859e+03
[12591]	2.860540e+03	3.579992e+03	3.674040e+03	6.954513e+03	1.857226e+03
[12596]	4.365978e+03	3.110921e+03	1.616834e+03	5.672426e+03	4.950703e+03
[12601]	2.672149e+03	5.753754e+03	4.293388e+03	6.569303e+03	5.282916e+03
[12606]	4.032597e+03	4.928950e+03	6.269086e+03	2.226585e+03	6.768947e+03
[12611]	5.585685e+03	5.652019e+03	1.344373e+03	3.267309e+03	2.022286e+03
[12616]	2.618745e+03	5.039157e+03	2.605191e+03	2.791007e+03	3.125796e+03
[12621]	2.109080e+03	4.419845e+03	2.047948e+03	1.995084e+03	4.109481e+03
[12626]	4.314788e+03	3.941421e+03	4.281700e+03	3.899495e+03	2.879303e+03
[12631]	3.562442e+03	4.420271e+03	9.525539e+02	4.011074e+03	2.087391e+03
[12636]	3.252989e+03	-8.093603e+02	-5.553569e+02	-4.218277e+02	2.169485e+03
[12641]	9.675439e+02	1.736936e+03	4.085282e+03	4.093526e+03	5.491651e+03
[12646]	1.412706e+03	3.586850e+03	2.342011e+03	6.678827e+03	1.255949e+03
[12651]	4.692266e+03	1.072748e+03	3.367114e+03	3.570696e+03	2.147175e+03
[12656]	9.159911e+02	3.783463e+03	1.098670e+03	1.850435e+03	3.542950e+03
[12661]	4.073891e+03	4.342537e+03	2.120125e+03	4.620574e+03	3.633947e+03
[12666]	3.230652e+03	3.574854e+02	6.807518e+03	6.560119e+03	5.069160e+03
[12671]	1.578751e+03	4.019018e+03	1.876559e+03	3.444493e+03	4.512446e+03
[12676]	5.821094e+03	5.217443e+03	7.071899e+03	4.803253e+03	2.709115e+03
[12681]	3.737014e+03	4.678928e+03	4.875317e+03	9.569281e+02	3.078446e+03
[12686]	5.535914e+03	3.103148e+03	4.093184e+03	3.175887e+03	4.593802e+03
[12691]	3.264652e+03	3.878274e+03	5.760734e+03	4.261866e+03	4.276441e+03
[12696]	2.943615e+03	5.748965e+03	4.686816e+03	4.780279e+03	4.373271e+03
[12701]	3.568752e+03	3.473650e+03	3.383760e+03	4.176398e+03	4.137739e+03
[12706]	2.399568e+03	2.950444e+03	4.623350e+03	2.605249e+03	4.429380e+03
[12711]	3.830235e+03	4.591810e+03	2.374528e+03	3.356698e+03	3.161787e+03
[12716]	1.801327e+03	4.055453e+03	1.276540e+03	5.797660e+02	5.154019e+03
[12721]	5.989264e+03	2.590045e+03	1.395529e+03	7.976126e+02	6.276751e+03
[12726]	3.117927e+03	3.463545e+03	3.217968e+03	1.852759e+03	1.891167e+03

[12731]	2.536537e+03	1.860594e+03	2.859588e+03	3.064928e+03	6.847556e+03
[12736]	7.312832e+03	4.006715e+03	5.076246e+03	3.657137e+03	2.347777e+03
[12741]	4.172682e+03	3.862840e+03	6.199291e+03	4.410065e+03	4.297382e+03
[12746]	3.606028e+03	6.298450e+03	2.339561e+03	5.263391e+03	2.680415e+03
[12751]	3.092957e+03	3.722714e+03	4.171613e+03	3.752778e+03	5.103174e+03
[12756]	4.323414e+03	4.852510e+03	5.078995e+03	1.807331e+03	3.857601e+03
[12761]	3.652848e+03	3.537106e+03	3.101409e+03	4.471923e+03	3.055033e+03
[12766]	3.630104e+03	5.985947e+03	5.221896e+03	1.862728e+03	4.683542e+03
[12771]	2.452880e+03	5.163737e+03	1.488458e+03	4.327996e+03	2.274418e+03
[12776]	8.346157e+02	2.745191e+03	3.897002e+03	4.781617e+03	3.086911e+03
[12781]	3.937727e+03	1.144379e+03	4.061452e+03	5.673246e+03	1.753444e+03
[12786]	1.341311e+02	2.991126e+03	3.119212e+03	5.291381e+03	2.243872e+03
[12791]	3.214604e+03	4.897056e+03	3.604637e+03	3.211097e+03	1.369098e+03
[12796]	3.905426e+03	2.459087e+03	2.413752e+03	6.162595e+03	2.995729e+03
[12801]	2.417542e+03	3.778653e+03	3.321156e+03	2.595205e+03	2.538120e+03
[12806]	5.358512e+03	1.542134e+03	7.126755e+03	4.040042e+03	5.003409e+03
[12811]	5.198901e+03	1.434032e+03	1.497310e+03	2.026350e+03	3.209889e+03
[12816]	2.331837e+03	4.720485e+03	3.404495e+03	3.504898e+03	2.145463e+03
[12821]	3.253134e+03	5.702496e+03	4.829480e+03	2.593647e+03	2.583642e+03
[12826]	2.941642e+03	3.398090e+03	2.304575e+03	2.441930e+03	4.091110e+03
[12831]	3.878017e+02	1.810040e+03	2.975948e+03	2.905405e+03	1.993350e+03
[12836]	3.697821e+03	2.097498e+03	1.677639e+03	2.326836e+03	4.782604e+03
[12841]	3.874972e+03	2.450889e+03	1.161855e+03	5.132228e+03	4.278063e+03
[12846]	5.440321e+03	4.920102e+03	2.696328e+03	2.958096e+03	3.372348e+02
[12851]	1.464944e+03	2.884158e+03	1.993506e+03	2.408669e+03	1.130992e+03
[12856]	3.146894e+03	3.867700e+03	3.281650e+03	4.207886e+03	2.586341e+03
[12861]	3.326089e+03	3.534096e+02	3.632269e+03	2.155560e+03	2.986258e+03
[12866]	3.191683e+03	2.970375e+03	3.222287e+03	5.301667e+02	4.352253e+03
[12871]	3.080229e+03	3.945289e+03	-3.408399e+02	3.576935e+03	4.698319e+03
[12876]	4.614608e+03	4.203001e+03	3.832903e+03	2.545228e+03	3.282511e+03
[12881]	1.474792e+03	3.624448e+03	3.421762e+03	4.791433e+03	4.755694e+03
[12886]	6.061846e+03	6.674374e+03	2.622353e+03	4.646273e+02	2.656354e+03
[12891]	4.733116e+03	1.771275e+03	5.300326e+03	3.120755e+03	4.275818e+03
[12896]	3.058649e+03	7.093349e+03	2.337403e+03	2.829742e+03	1.847568e+03
[12901]	3.007677e+03	3.835890e+03	4.775136e+03	5.607342e+03	1.176532e+03
[12906]	1.371589e+03	2.014227e+03	2.558838e+03	2.121720e+03	4.157129e+03
[12911]	2.803698e+03	3.367634e+03	3.232196e+03	5.151182e+03	1.047313e+03
[12916]	5.176747e+03	4.551789e+03	3.220517e+03	1.659602e+03	3.191740e+03
[12921]	5.293891e+03	-1.756493e+02	5.751786e+03	4.546122e+03	2.279535e+03
[12926]	2.524030e+03	3.751389e+03	4.263231e+03	5.729396e+03	1.091343e+03
[12931]	2.485509e+03	2.338220e+03	1.630120e+03	6.159791e+03	2.498469e+03
[12936]	6.985806e+03	3.049788e+03	5.895168e+03	3.397373e+03	5.873972e+03
[12941]	3.164629e+03	5.570656e+03	5.917900e+03	2.647544e+03	3.453355e+03

[12946]	3.757488e+03	5.665157e+03	3.076754e+03	1.822759e+03	3.508140e+03
[12951]	2.934211e+03	2.164691e+03	5.429448e+03	6.391377e+03	4.373411e+03
[12956]	4.104806e+03	2.602373e+03	4.099271e+03	4.562505e+03	1.913001e+03
[12961]	2.762389e+03	1.481319e+03	1.796409e+03	1.968464e+03	2.598886e+03
[12966]	2.085919e+03	3.167267e+03	3.297894e+03	4.304797e+03	5.619702e+03
[12971]	8.262990e+02	1.302866e+03	4.680949e+03	5.779306e+03	2.094505e+03
[12976]	1.458191e+03	7.114546e+03	3.687725e+03	5.002769e+03	2.154234e+03
[12981]	4.915125e+03	2.425857e+03	5.658305e+03	2.201693e+03	3.233993e+03
[12986]	3.613277e+03	3.198983e+03	9.347143e+02	1.908503e+03	4.165981e+03
[12991]	6.048567e+02	4.903351e+03	3.505670e+03	3.711516e+03	3.502983e+03
[12996]	2.675583e+03	2.436180e+03	4.029963e+03	2.513908e+03	2.892389e+03
[13001]	8.129627e+02	2.001955e+03	2.352173e+03	2.234153e+03	2.667704e+03
[13006]	2.359531e+03	4.571198e+03	2.761432e+03	1.743535e+03	4.570231e+03
[13011]	4.334337e+03	1.571399e+03	3.089529e+03	1.739124e+03	6.631664e+03
[13016]	3.586699e+03	2.173109e+03	4.042965e+03	3.283814e+03	7.770199e+03
[13021]	5.113163e+03	3.908645e+03	2.817900e+03	5.091852e+03	2.261889e+03
[13026]	1.692472e+03	3.366572e+03	3.810973e+03	1.571026e+03	4.583383e+03
[13031]	3.709219e+03	2.545283e+03	4.225105e+03	2.127893e+03	2.254604e+03
[13036]	2.771572e+03	3.761411e+03	1.682795e+03	1.404685e+03	4.223712e+03
[13041]	2.241459e+03	3.494618e+03	4.922780e+03	3.158378e+03	3.379109e+03
[13046]	1.958830e+03	4.516665e+03	4.788112e+03	1.871475e+03	9.841156e+02
[13051]	1.903909e+03	1.844510e+03	4.101028e+03	3.683350e+03	3.834164e+03
[13056]	3.895436e+03	4.888628e+03	2.491505e+03	4.181233e+03	5.465965e+03
[13061]	3.609601e+03	6.481955e+03	4.095753e+03	3.070443e+03	2.990811e+03
[13066]	1.752236e+03	6.403260e+03	3.349440e+03	1.965448e+03	4.091003e+03
[13071]	4.077591e+03	2.818344e+03	2.423043e+03	3.435917e+03	3.460619e+03
[13076]	4.669389e+03	4.915187e+03	1.633758e+03	2.777926e+03	2.010897e+03
[13081]	1.841084e+03	3.168824e+03	5.444656e+03	4.408431e+03	2.888564e+03
[13086]	4.512565e+03	5.366926e+03	4.514334e+03	6.400939e+03	3.271422e+03
[13091]	3.577050e+03	-3.006550e+01	5.231541e+03	2.426530e+03	7.208063e+02
[13096]	2.008638e+03	2.733167e+03	6.771272e+03	2.499027e+03	4.546420e+03
[13101]	7.983033e+03	4.441623e+03	4.286508e+03	3.343611e+03	4.088250e+03
[13106]	2.507257e+03	3.885599e+03	2.945288e+03	4.006075e+03	3.903234e+03
[13111]	4.999543e+03	3.180418e+03	3.915027e+03	3.476893e+03	2.999254e+03
[13116]	2.824886e+03	2.327970e+03	5.128170e+03	3.820486e+03	2.152325e+03
[13121]	2.646069e+03	2.452373e+03	5.196700e+03	4.216336e+03	1.333921e+03
[13126]	1.768102e+03	3.609422e+03	4.569104e+03	1.461355e+03	6.123106e+03
[13131]	3.891931e+02	3.869069e+03	8.785670e+02	4.008186e+03	4.006330e+03
[13136]	4.127875e+03	4.334135e+03	5.966209e+03	3.619817e+03	3.034184e+03
[13141]	2.723888e+03	3.392674e+03	4.175474e+03	1.902263e+03	3.489491e+03
[13146]	1.498335e+03	2.293592e+03	2.354211e+03	2.966635e+03	4.539717e+03
[13151]	3.262447e+03	2.094874e+03	2.454201e+03	2.917134e+03	2.740826e+03
[13156]	4.978316e+03	2.733056e+03	2.763660e+03	3.307406e+03	3.334026e+03

[13161]	3.533243e+03	3.788379e+03	5.691571e+03	2.164114e+03	5.031040e+03
[13166]	2.730327e+03	2.142721e+03	7.625894e+03	5.816784e+03	4.033426e+03
[13171]	3.647666e+03	6.434265e+03	2.395638e+03	2.889384e+03	2.363408e+03
[13176]	8.073115e+02	6.661935e+02	2.979013e+03	2.207938e+03	5.045432e+03
[13181]	3.307215e+03	2.122309e+03	3.551143e+03	2.791909e+03	4.119913e+03
[13186]	3.459664e+03	-2.248327e+02	3.969509e+03	2.022537e+03	3.895339e+03
[13191]	-4.122575e+02	2.056377e+03	3.575621e+03	1.017241e+03	4.080718e+03
[13196]	2.651381e+03	5.314175e+03	3.177499e+03	5.077628e+03	3.051168e+03
[13201]	9.761133e+02	4.151117e+03	4.267077e+03	2.726575e+03	4.426593e+03
[13206]	3.436736e+03	2.162912e+03	4.410270e+03	6.141569e+03	3.399852e+03
[13211]	3.357627e+03	3.545877e+03	2.067425e+03	4.175027e+03	1.737351e+03
[13216]	4.901726e+03	4.088090e+03	3.525517e+03	2.067366e+03	4.460555e+03
[13221]	4.695357e+03	4.592606e+03	5.079358e+03	3.863111e+03	2.630522e+03
[13226]	6.388349e+02	4.696044e+03	1.605170e+03	4.396300e+03	1.581153e+03
[13231]	4.918029e+03	-2.796340e+02	-2.003018e+02	1.898829e+03	1.987544e+01
[13236]	3.676661e+03	3.252780e+03	6.182034e+03	3.522380e+03	3.950828e+03
[13241]	4.000710e+03	1.922768e+03	2.745529e+03	3.276478e+03	3.978945e+03
[13246]	6.124340e+03	2.737758e+03	4.717954e+03	2.798039e+03	2.543500e+03
[13251]	3.436687e+03	3.383697e+03	1.279656e+03	-1.657192e+03	1.932261e+03
[13256]	2.810031e+03	3.502094e+03	5.542625e+03	4.085829e+03	1.605503e+03
[13261]	2.949027e+03	3.413913e+03	4.448652e+03	3.191457e+03	4.472703e+02
[13266]	3.635798e+03	2.635488e+03	6.024637e+03	3.600239e+03	1.606265e+03
[13271]	4.548133e+03	2.221052e+03	6.367033e+03	3.791878e+03	4.008823e+03
[13276]	3.363010e+03	5.219236e+03	5.031276e+03	2.748355e+03	2.289739e+03
[13281]	2.779092e+03	1.982396e+03	4.948732e+03	1.610174e+03	3.912292e+03
[13286]	2.416803e+03	2.146109e+03	2.021073e+03	4.364108e+03	8.296787e+02
[13291]	4.543967e+03	5.201037e+03	2.005848e+03	1.504419e+03	5.965280e+03
[13296]	1.873797e+03	3.869028e+03	4.176553e+03	3.613293e+03	2.957257e+03
[13301]	4.301454e+03	4.806843e+03	6.016159e+03	4.119157e+03	1.671399e+03
[13306]	3.752611e+03	5.271714e+03	2.738665e+03	4.858230e+03	3.467469e+03
[13311]	2.401035e+03	2.709092e+03	1.526728e+03	2.879456e+03	5.614860e+02
[13316]	1.937442e+03	4.418076e+03	6.201795e+03	1.614000e+03	5.147347e+03
[13321]	5.870680e+03	1.792847e+03	4.615556e+03	2.242104e+03	7.406678e+03
[13326]	3.043450e+03	3.826162e+03	1.677074e+03	1.485667e+03	3.912188e+03
[13331]	4.028839e+03	6.214677e+03	2.781163e+03	3.483798e+03	4.568788e+03
[13336]	4.817475e+03	5.213118e+03	3.472668e+03	7.551034e+03	1.160437e+03
[13341]	3.758254e+03	3.333499e+03	3.088949e+03	2.848772e+03	2.515774e+03
[13346]	2.666713e+03	2.251955e+03	3.700696e+03	3.965609e+03	2.998663e+03
[13351]	2.132432e+03	9.271944e+02	-1.036839e+03	6.356752e+03	3.141360e+03
[13356]	1.716075e+03	3.818437e+03	1.907701e+03	2.721882e+03	5.072895e+02
[13361]	1.578819e+03	3.578777e+03	4.359652e+03	1.879704e+03	5.042434e+03
[13366]	4.816452e+03	1.939608e+03	4.078378e+02	2.458494e+03	1.130387e+03
[13371]	4.973391e+03	2.146311e+03	2.488601e+03	4.357147e+03	-2.324167e+02

[13376]	1.559667e+03	3.995934e+03	3.387095e+03	1.779170e+03	5.336233e+03
[13381]	2.269712e+03	2.515040e+03	2.965142e+03	1.220664e+03	1.888377e+03
[13386]	7.500830e+03	3.718414e+03	5.111812e+02	3.982802e+03	3.322813e+03
[13391]	5.139327e+02	2.832385e+03	3.763926e+03	3.287214e+03	3.401457e+03
[13396]	-1.238064e+03	1.914098e+03	4.561997e+03	2.177874e+03	4.771336e+03
[13401]	3.751864e+03	6.102003e+03	3.929089e+03	1.046463e+03	1.192842e+03
[13406]	2.139803e+03	4.578022e+03	1.670771e+03	3.890535e+03	4.498600e+03
[13411]	4.788383e+03	1.670332e+03	2.941803e+03	3.126316e+03	1.877671e+03
[13416]	5.035783e+03	2.304259e+03	5.923286e+03	3.592708e+03	3.500640e+03
[13421]	4.954073e+03	4.006071e+03	5.516819e+03	5.514495e+03	2.329606e+03
[13426]	3.464552e+03	4.075298e+03	2.590620e+03	3.602188e+03	3.333368e+03
[13431]	-1.790549e+02	3.851142e+03	1.833479e+03	3.164858e+03	2.903046e+03
[13436]	4.112551e+03	2.646189e+03	3.986356e+03	4.424591e+03	3.740161e+03
[13441]	7.041623e+03	3.530396e+03	2.197079e+03	3.541948e+03	2.266770e+03
[13446]	4.365367e+03	3.950679e+03	3.002245e+03	5.214190e+03	2.442593e+03
[13451]	2.244070e+03	2.354504e+03	4.902417e+03	-5.743115e+02	1.812143e+03
[13456]	4.472380e+03	1.795771e+03	-4.247021e+02	2.799577e+03	4.948636e+03
[13461]	4.825752e+03	4.523287e+03	1.814465e+03	-2.116103e+02	3.141484e+03
[13466]	3.222897e+03	3.121029e+03	3.920125e+03	4.287275e+03	2.195924e+03
[13471]	2.976585e+03	1.666378e+03	2.121821e+03	2.700751e+03	6.699067e+03
[13476]	2.744154e+03	1.178788e+03	4.562670e+03	1.265481e+03	5.128591e+03
[13481]	4.084093e+03	5.059971e+03	2.775910e+03	2.816923e+03	3.489643e+03
[13486]	1.480633e+03	2.345924e+03	5.552886e+03	6.754877e+03	1.002811e+03
[13491]	3.036086e+03	1.840709e+03	3.185370e+03	3.592253e+03	1.845831e+03
[13496]	4.366553e+03	4.169592e+03	7.695708e+02	4.157673e+03	4.879123e+03
[13501]	4.021783e+03	5.932944e+03	3.582892e+03	3.799574e+03	2.406493e+03
[13506]	2.465622e+03	2.089227e+03	3.571538e+03	5.376223e+03	4.998806e+03
[13511]	3.255482e+03	4.044965e+03	3.588512e+03	2.872431e+03	2.681071e+03
[13516]	3.202803e+03	1.742237e+03	5.433309e+03	2.759606e+03	2.343220e+03
[13521]	4.489929e+03	4.939193e+03	2.189870e+03	7.326830e+02	4.150607e+03
[13526]	2.821431e+03	3.877806e+03	3.646408e+03	1.238762e+03	8.598331e+02
[13531]	2.024278e+03	2.651693e+03	5.756595e+03	1.210402e+03	2.150188e+03
[13536]	3.568098e+03	3.302254e+03	4.001646e+03	2.552254e+03	4.925179e+02
[13541]	4.333713e+03	2.085003e+03	3.740101e+03	4.007395e+03	4.378905e+03
[13546]	3.210959e+03	3.473387e+03	2.458661e+03	2.009212e+03	-5.452165e+01
[13551]	3.803319e+01	4.347392e+03	4.914032e+03	2.541580e+03	4.566010e+03
[13556]	3.727271e+03	3.043053e+03	2.325501e+03	4.057063e+03	4.135469e+03
[13561]	3.085248e+03	1.012754e+03	1.160435e+03	3.820872e+03	2.122079e+03
[13566]	3.146297e+03	2.690417e+03	1.641775e+03	2.623320e+03	4.041958e+03
[13571]	2.624294e+03	1.325559e+03	5.588686e+03	4.155881e+03	-1.167051e+03
[13576]	4.544853e+03	5.815436e+03	3.930604e+03	1.945366e+03	3.529656e+03
[13581]	4.076464e+03	2.062326e+02	9.270397e+02	4.729881e+03	2.972693e+03
[13586]	5.223778e+03	4.431971e+03	-3.384649e+02	2.306698e+03	-9.358673e+02



[13591]	6.728360e+03	3.009671e+03	3.078672e+03	4.485979e+03	5.709289e+02
[13596]	1.369669e+03	1.895369e+03	3.391916e+03	1.628856e+03	3.320237e+03
[13601]	3.424329e+03	-1.729172e+02	5.385221e+03	2.110261e+03	1.256200e+03
[13606]	2.133049e+03	9.792794e+02	1.918222e+03	3.994994e+03	2.497401e+03
[13611]	6.799336e+03	2.145663e+03	5.657466e+03	5.948484e+03	3.147006e+03
[13616]	3.882745e+03	3.239216e+03	1.880998e+03	5.027452e+03	2.940331e+03
[13621]	3.084129e+03	3.934003e+03	1.966504e+03	4.727142e+03	2.470901e+03
[13626]	3.955622e+03	5.056929e+03	2.770329e+03	5.865666e+03	3.834158e+03
[13631]	1.627842e+03	3.536330e+03	3.592196e+03	3.321705e+03	1.413944e+02
[13636]	4.530828e+03	8.063071e+02	5.213648e+03	4.022225e+03	6.515865e+03
[13641]	5.949559e+03	-7.293505e+02	9.935389e+02	4.255636e+03	3.865056e+03
[13646]	4.023774e+03	6.348520e+03	1.300277e+03	5.131979e+03	4.247440e+03
[13651]	3.191244e+03	2.217131e+03	2.739291e+03	3.678336e+03	1.894403e+03
[13656]	4.684862e+03	2.273531e+03	3.130582e+03	2.920120e+03	2.589353e+03
[13661]	1.985013e+03	2.608813e+03	4.848245e+03	3.431082e+03	5.096942e+03
[13666]	5.456035e+03	3.624337e+03	3.498162e+03	4.221593e+03	2.632264e+03
[13671]	5.687137e+03	2.505000e+03	3.974307e+03	1.772728e+03	2.704801e+03
[13676]	7.999394e+02	2.765596e+03	4.562882e+03	3.661599e+03	3.383879e+03
[13681]	7.787030e+02	3.028737e+03	7.072228e+03	2.958607e+03	1.150168e+03
[13686]	1.782955e+03	4.786892e+03	3.909167e+03	5.712976e+03	8.030295e+02
[13691]	5.216005e+03	2.991924e+03	4.727135e+03	4.160216e+03	2.112387e+03
[13696]	2.749446e+03	6.517084e+03	3.311554e+03	3.794868e+03	3.339559e+03
[13701]	2.078393e+03	4.181865e+03	2.341883e+03	4.304429e+03	1.783716e+03
[13706]	2.101457e+03	2.029989e+03	5.505689e+03	2.089163e+03	5.349535e+03
[13711]	-6.440618e+01	5.585364e+03	2.900067e+03	2.695721e+03	5.555681e+03
[13716]	2.064547e+03	3.601466e+03	5.391617e+03	4.276027e+03	4.882654e+03
[13721]	5.575437e+03	2.104238e+03	2.992627e+03	3.355377e+03	3.003923e+03
[13726]	2.132431e+03	4.154758e+03	3.590745e+03	2.907131e+03	3.101701e+03
[13731]	3.620374e+03	2.679152e+03	1.857762e+03	5.276572e+03	6.164254e+03
[13736]	3.139896e+03	6.149250e+03	6.185189e+03	3.231178e+03	5.143221e+03
[13741]	1.814380e+03	2.857600e+03	3.442026e+03	4.472977e+03	4.486398e+03
[13746]	6.170143e+03	4.085745e+03	3.270299e+03	8.187508e+02	2.747083e+03
[13751]	3.672239e+03	5.126013e+03	4.385050e+03	3.113062e+03	4.108017e+02
[13756]	3.331655e+03	3.595002e+03	2.475236e+03	1.322295e+03	2.625977e+03
[13761]	1.934363e+03	-4.963334e+02	3.809721e+03	4.635411e+03	6.581013e+03
[13766]	5.503317e+03	6.615663e+03	3.349482e+03	2.029348e+03	1.797925e+03
[13771]	3.289056e+03	2.749708e+02	3.944856e+02	3.232079e+03	2.658189e+03
[13776]	2.190892e+03	2.184834e+03	4.006910e+03	3.118959e+03	-2.504788e+02
[13781]	2.035839e+03	3.191900e+03	1.867332e+03	1.009090e+03	3.447990e+03
[13786]	5.649015e+03	2.191831e+03	4.761289e+03	5.382614e+03	3.479332e+03
[13791]	4.430763e+03	3.471641e+03	3.451631e+03	1.294742e+03	5.152759e+03
[13796]	6.142674e+03	1.604447e+03	2.103858e+03	4.453515e+03	2.998720e+03
[13801]	2.749643e+03	1.308776e+03	5.053600e+03	2.836302e+03	2.149794e+03

[13806]	6.154773e+02	4.268314e+03	2.293660e+03	2.772905e+03	4.924556e+03
[13811]	5.045231e+03	5.609344e+03	2.411507e+03	3.628733e+03	4.667315e+03
[13816]	2.228756e+03	2.416653e+03	2.287404e+03	3.023187e+03	2.028055e+03
[13821]	2.760387e+03	2.111148e+03	4.419293e+03	2.833406e+03	4.525760e+03
[13826]	2.986790e+03	2.705988e+03	2.621442e+03	4.061088e+03	4.023860e+03
[13831]	1.330593e+03	2.051332e+02	3.606193e+03	4.662949e+03	4.466336e+03
[13836]	2.180578e+03	3.163595e+03	1.349151e+03	5.036037e+02	2.547545e+03
[13841]	5.148222e+03	3.585958e+03	3.788795e+03	1.785977e+03	1.560958e+03
[13846]	3.459767e+03	2.233249e+03	3.416473e+03	4.375017e+03	2.474087e+03
[13851]	2.414537e+03	3.222124e+03	4.268396e+03	2.305222e+03	1.948972e+03
[13856]	8.639737e+03	2.308750e+03	5.557246e+02	3.179754e+03	1.321904e+03
[13861]	4.518698e+03	2.373739e+03	5.377378e+03	5.946193e+03	4.014923e+03
[13866]	3.162702e+03	2.894623e+03	2.726398e+03	3.692085e+03	3.877207e+03
[13871]	3.008281e+03	6.977960e+02	3.194559e+03	3.048083e+03	4.217144e+03
[13876]	2.968191e+03	3.073565e+03	3.537650e+03	5.601466e+03	3.859161e+03
[13881]	2.039937e+03	2.187186e+03	2.108475e+03	2.946582e+01	5.240650e+03
[13886]	4.277183e+03	1.868870e+03	2.768772e+03	1.475208e+03	3.763969e+03
[13891]	3.261038e+03	2.548537e+03	3.867667e+03	3.737247e+03	4.530209e+03
[13896]	1.442850e+02	4.314137e+03	2.105238e+03	1.860116e+03	5.443762e+03
[13901]	2.258889e+03	2.851703e+03	1.216873e+03	2.499875e+03	5.442150e+03
[13906]	1.643865e+03	3.612816e+03	5.041383e+03	1.258285e+03	3.543632e+03
[13911]	1.356621e+03	2.431733e+03	5.087391e+03	1.326221e+03	3.235334e+03
[13916]	3.260339e+03	3.911301e+03	4.259639e+03	3.502718e+03	2.550172e+03
[13921]	5.020888e+03	4.785859e+03	3.306452e+03	4.430982e+03	6.104489e+03
[13926]	2.601557e+03	4.685509e+03	4.095046e+03	4.350136e+03	3.225294e+03
[13931]	4.426678e+03	2.984560e+03	2.296817e+03	2.279242e+03	2.938899e+03
[13936]	2.797376e+03	4.982912e+03	3.659254e+03	4.925336e+03	4.089515e+03
[13941]	-8.383579e+02	3.352371e+03	3.605384e+03	2.870929e+03	1.630595e+03
[13946]	2.338015e+02	2.756868e+03	2.274006e+03	4.503050e+03	3.713930e+03
[13951]	9.303231e+02	7.501297e+02	4.525943e+02	3.197186e+03	2.296926e+03
[13956]	1.315649e+03	3.731085e+03	1.417144e+03	5.630879e+03	4.142738e+03
[13961]	1.875174e+03	4.581660e+03	1.668079e+03	5.576013e+03	5.214517e+03
[13966]	4.372537e+03	4.055525e+03	4.671124e+03	3.899516e+03	1.800242e+03
[13971]	1.169169e+03	2.872942e+03	3.410800e+03	3.471267e+03	1.289472e+03
[13976]	2.631810e+03	2.891259e+03	3.087942e+03	4.355595e+03	3.910987e+03
[13981]	6.653221e+03	6.264152e+03	1.347635e+03	1.878313e+03	9.797034e+01
[13986]	7.087315e+03	-2.498674e+02	5.036215e+03	5.386349e+03	6.880621e+03
[13991]	5.296626e+03	2.689781e+03	5.369814e+03	2.846449e+03	5.356469e+03
[13996]	3.212628e+03	1.267807e+03	2.618832e+03	5.331993e+03	4.411413e+03
[14001]	2.228202e+03	2.105123e+03	2.538112e+03	3.860009e+03	2.866932e+03
[14006]	5.151417e+03	2.985617e+03	4.260145e+03	3.452054e+03	5.499465e+03
[14011]	4.022572e+03	4.836065e+03	4.829062e+03	2.867595e+02	3.553383e+03
[14016]	2.440393e+03	1.701428e+03	1.836746e+03	3.912053e+03	4.766545e+03

[14021]	4.314230e+02	2.325616e+03	2.656167e+03	3.008353e+03	2.798134e+03
[14026]	-6.320160e+02	3.786924e+03	2.237227e+03	1.668057e+03	3.651942e+03
[14031]	1.639770e+03	3.743100e+03	4.309235e+03	6.114118e+03	1.848661e+03
[14036]	3.553097e+03	5.109418e+03	2.863057e+03	3.656275e+03	3.008735e+03
[14041]	3.892898e+03	6.350752e+03	3.186322e+03	2.200879e+03	6.249403e+03
[14046]	1.365051e+03	2.052338e+03	5.472176e+03	3.821435e+03	3.401724e+03
[14051]	4.148101e+03	2.094373e+03	3.395188e+03	4.739813e+03	5.811107e+03
[14056]	3.071754e+03	3.955079e+02	2.568179e+03	2.965070e+03	4.722451e+03
[14061]	4.274326e+03	2.135528e+02	3.865412e+03	5.069513e+03	4.015913e+03
[14066]	2.729455e+03	3.498206e+02	1.609141e+03	2.074590e+03	4.585564e+03
[14071]	3.286775e+03	2.468056e+03	3.616481e+02	-6.352487e+02	3.960038e+03
[14076]	5.326012e+03	2.951692e+03	5.222078e+03	3.335214e+03	2.726868e+03
[14081]	4.063467e+03	4.275882e+02	4.359045e+03	7.955222e+03	4.052390e+03
[14086]	4.267262e+03	6.138025e+03	1.498260e+03	1.973713e+03	4.605449e+03
[14091]	6.423482e+03	2.947728e+03	5.561183e+03	1.946458e+03	3.446543e+03
[14096]	2.384666e+03	4.866275e+03	4.622012e+03	1.709548e+03	1.929885e+02
[14101]	4.132819e+03	5.932613e+03	3.203267e+03	3.210884e+03	1.438665e+03
[14106]	3.519996e+03	1.618706e+03	3.409777e+03	3.522947e+03	4.302562e+03
[14111]	5.050986e+03	4.879675e+03	3.094735e+03	5.439950e+03	2.218382e+03
[14116]	4.068480e+03	5.208705e+03	1.086347e+03	9.412467e+02	3.606239e+03
[14121]	4.689327e+03	3.872648e+03	4.055994e+03	1.424447e+03	5.292136e+03
[14126]	4.315797e+03	1.911490e+03	7.280685e+03	4.910032e+03	-2.627491e+02
[14131]	4.617970e+03	2.135418e+03	1.739844e+03	1.882351e+03	5.247533e+03
[14136]	5.060670e+03	4.142639e+03	4.693044e+03	4.021449e+03	4.263266e+03
[14141]	3.708723e+03	1.434032e+03	1.708978e+03	5.166648e+03	4.839091e+01
[14146]	5.392132e+03	1.367896e+03	4.799620e+03	3.869991e+03	5.503291e+03
[14151]	3.164453e+03	8.693869e+02	5.934817e+03	3.737051e+03	1.720808e+03
[14156]	2.974146e+03	1.042404e+03	3.216665e+03	-5.645832e+01	3.134600e+03
[14161]	2.599110e+03	4.623346e+03	1.909150e+03	6.502232e+03	2.029380e+03
[14166]	2.826869e+03	3.563542e+03	3.690189e+03	1.466409e+03	3.410706e+03
[14171]	2.186360e+03	3.744522e+03	1.439836e+03	1.524153e+03	1.437482e+03
[14176]	3.998179e+03	1.836863e+03	2.146161e+03	2.580707e+03	2.725260e+03
[14181]	9.565596e+02	3.126647e+03	9.248101e+02	6.016514e+03	2.768727e+03
[14186]	4.815877e+03	5.584509e+03	2.880710e+03	5.034527e+03	4.350381e+03
[14191]	1.140626e+03	3.928448e+03	5.064055e+03	1.386631e+03	4.535647e+03
[14196]	1.742773e+03	5.618349e+03	3.791019e+03	9.966791e+02	7.517732e+03
[14201]	2.444307e+03	3.461341e+03	2.873126e+03	2.956492e+03	4.251189e+03
[14206]	4.533280e+03	3.771427e+03	2.739762e+03	3.172390e+03	6.463684e+03
[14211]	1.978586e+03	3.902383e+03	2.496840e+03	2.105289e+03	1.666645e+03
[14216]	8.593461e+02	1.458925e+03	4.488039e+03	2.296033e+03	4.204897e+03
[14221]	4.338646e+03	3.368854e+03	4.512461e+03	1.935739e+03	1.781036e+03
[14226]	3.421591e+03	3.619074e+03	3.028670e+03	2.995853e+03	2.564061e+03
[14231]	3.246204e+03	1.662468e+03	9.193415e+02	4.010753e+02	-1.989016e+03

[14236]	1.839055e+03	4.599482e+03	3.443508e+03	2.326970e+03	2.241381e+03
[14241]	5.006469e+03	3.860634e+03	4.514586e+03	3.470170e+03	1.172923e+03
[14246]	3.518785e+03	2.282676e+03	2.695887e+03	2.580854e+03	1.890836e+03
[14251]	4.285597e+03	4.718165e+03	2.040296e+03	4.267816e+03	4.628648e+03
[14256]	1.362879e+03	2.605615e+03	2.326900e+03	1.806794e+03	2.547691e+03
[14261]	4.799664e+03	6.113761e+03	3.797356e+03	2.347313e+03	3.626069e+03
[14266]	3.799828e+03	4.118795e+03	1.036976e+03	4.286208e+03	2.339592e+03
[14271]	7.044041e+02	1.892145e+03	2.805655e+03	1.274663e+03	5.856600e+03
[14276]	2.427289e+03	3.573282e+03	5.288047e+03	3.806702e+03	2.188888e+03
[14281]	3.066766e+03	3.658607e+03	3.812893e+03	4.385523e+02	2.193739e+03
[14286]	2.516554e+03	1.850184e+03	4.797430e+03	9.422321e+02	2.278293e+03
[14291]	3.703271e+03	3.476261e+03	7.342126e+02	4.876096e+03	3.544751e+03
[14296]	4.127282e+03	5.713079e+03	2.365121e+03	5.009986e+03	2.756976e+02
[14301]	2.574670e+03	2.538292e+03	6.025985e+03	5.764095e+03	2.892829e+03
[14306]	3.041126e+03	2.659738e+03	1.951882e+03	3.527659e+03	5.165744e+03
[14311]	1.191007e+03	1.505403e+03	3.184054e+03	5.600347e+03	5.422453e+03
[14316]	1.722129e+03	3.182378e+03	6.882493e+02	1.723790e+03	2.656819e+03
[14321]	3.165931e+03	3.519109e+03	1.116576e+03	3.771372e+03	1.843772e+03
[14326]	2.031366e+03	2.239162e+03	1.416413e+03	2.255217e+03	9.989228e+02
[14331]	3.931018e+03	5.976975e+03	4.592146e+03	3.399493e+03	1.470693e+03
[14336]	2.561887e+03	5.667271e+03	2.580251e+03	5.366747e+03	4.371450e+03
[14341]	8.833056e+01	3.022250e+03	7.097063e+03	3.912033e+03	3.986697e+03
[14346]	2.864452e+03	3.006098e+03	4.562370e+03	5.197148e+03	7.717379e+02
[14351]	6.312762e+03	4.370301e+03	3.866611e+03	2.536337e+03	2.600156e+03
[14356]	5.557663e+03	2.967388e+03	4.734500e+03	1.605336e+03	3.376279e+03
[14361]	4.393106e+03	4.668789e+03	2.631640e+03	2.395217e+03	4.486920e+03
[14366]	6.451498e+02	4.002700e+03	2.128257e+03	4.230760e+03	2.288440e+03
[14371]	2.206146e+03	3.539731e+03	3.144300e+03	4.448026e+03	2.875824e+03
[14376]	3.017203e+03	3.789967e+03	1.725398e+03	3.271367e+03	2.664935e+03
[14381]	2.197198e+03	2.815859e+03	1.174741e+03	8.285616e+03	6.626551e+02
[14386]	1.311654e+03	4.955758e+03	1.758353e+03	3.310621e+02	5.279616e+03
[14391]	8.598058e+02	5.569782e+03	6.704539e+03	6.021211e+03	4.416129e+03
[14396]	2.059928e+03	1.467972e+03	1.049844e+03	3.589623e+03	2.227200e+03
[14401]	4.104442e+03	6.114230e+03	1.409725e+03	3.709824e+03	2.724840e+03
[14406]	3.083012e+03	2.051122e+03	2.717755e+03	2.479783e+03	2.076165e+03
[14411]	5.393204e+03	3.515027e+03	4.368922e+03	3.587523e+03	1.455033e+03
[14416]	2.884830e+03	3.595401e+03	4.489467e+02	1.529411e+03	1.946471e+03
[14421]	1.339821e+03	1.859408e+03	6.806284e+02	7.597871e+03	3.378932e+03
[14426]	3.503152e+03	3.116563e+03	6.602472e+03	2.441073e+03	4.015887e+03
[14431]	7.468404e+02	1.799411e+03	2.204420e+03	2.483140e+03	2.089540e+03
[14436]	2.674647e+03	4.874951e+03	5.032874e+03	2.816774e+03	3.230694e+03
[14441]	7.297187e+02	3.053066e+00	3.185060e+03	3.031974e+03	4.316772e+03
[14446]	3.685150e+03	3.142266e+03	2.358612e+03	1.955454e+03	3.469390e+03

[14451]	1.834422e+03	2.863955e+03	3.730284e+03	3.013893e+03	6.366668e+03
[14456]	2.292332e+03	2.828504e+03	1.964340e+03	2.863744e+03	2.927956e+03
[14461]	3.258474e+03	5.115253e+03	2.956419e+03	3.738357e+03	3.662474e+03
[14466]	2.654739e+03	3.396609e+03	5.462580e+03	1.003047e+03	4.226188e+03
[14471]	2.546963e+03	3.974182e+03	4.977116e+03	3.224672e+03	3.963552e+03
[14476]	4.122626e+03	-8.618518e+02	1.901847e+03	3.358549e+03	3.404823e+03
[14481]	1.629813e+03	4.584018e+03	7.906240e+03	-6.482819e+02	1.276541e+03
[14486]	5.086589e+03	1.305129e+03	3.757667e+03	3.537934e+03	4.815575e+03
[14491]	2.174957e+03	5.959484e+03	3.012229e+03	5.642767e+03	3.584088e+03
[14496]	3.147829e+03	5.355542e+03	4.350367e+03	2.340397e+03	4.771616e+03
[14501]	4.639459e+02	2.488120e+03	2.385549e+03	2.845164e+03	3.136748e+03
[14506]	5.482528e+03	7.787547e+02	2.705998e+03	2.712702e+03	4.374693e+03
[14511]	5.102298e+03	2.615500e+03	3.641849e+03	2.169342e+03	2.973140e+03
[14516]	2.915341e+03	4.816846e+03	3.914529e+03	4.527504e+03	1.719324e+03
[14521]	1.738227e+02	4.393014e+03	3.909783e+03	2.667649e+03	1.835938e+03
[14526]	3.082549e+03	5.144423e+03	4.009221e+03	4.892544e+03	5.904038e+03
[14531]	2.865657e+03	2.050866e+03	1.791550e+03	2.207684e+03	6.146099e+03
[14536]	2.633677e+03	5.169593e+03	4.248997e+03	3.719247e+03	5.099097e+03
[14541]	3.155386e+03	5.075586e+03	4.333192e+03	1.485885e+03	1.143044e+03
[14546]	4.824211e+03	4.351416e+03	5.076047e+03	1.047688e+03	2.646262e+03
[14551]	5.315481e+03	5.554846e+03	3.274527e+03	2.724868e+03	2.870302e+03
[14556]	2.846472e+03	5.475783e+03	4.833723e+03	4.524820e+03	3.534559e+03
[14561]	2.652012e+03	2.024785e+03	1.596993e+03	3.193727e+03	5.953833e+03
[14566]	9.997260e+02	2.530216e+03	2.344151e+03	2.278577e+03	3.273730e+03
[14571]	1.874775e+03	4.709300e+03	3.224114e+02	3.974322e+03	3.817791e+03
[14576]	5.407603e+03	2.563079e+03	4.453046e+03	4.012299e+03	6.202629e+03
[14581]	4.728493e+03	5.165435e+03	3.111763e+03	4.782211e+03	3.162000e+03
[14586]	3.583782e+03	5.293908e+03	4.423515e+03	3.682317e+03	1.954001e+03
[14591]	3.132283e+03	2.472214e+03	1.770623e+03	1.226996e+03	5.673864e+03
[14596]	2.162119e+03	3.414745e+03	4.246825e+03	5.137814e+03	2.304170e+03
[14601]	1.930554e+03	4.845096e+03	-5.183869e+02	3.109193e+03	3.312954e+03
[14606]	3.187466e+03	1.425174e+03	2.950050e+03	-2.741019e+02	6.013034e+03
[14611]	6.285876e+03	2.437773e+03	3.285383e+03	2.128546e+03	5.214443e+03
[14616]	4.417517e+03	2.580390e+03	3.304364e+03	2.429466e+03	3.477216e+03
[14621]	3.615308e+03	1.610746e+03	4.744002e+03	2.459438e+03	3.173364e+03
[14626]	5.828373e+03	4.234825e+02	4.472892e+03	3.688883e+03	5.506693e+03
[14631]	-2.106076e+02	2.840451e+03	1.022208e+03	2.732067e+03	2.563033e+03
[14636]	3.425637e+03	1.773101e+03	2.495089e+03	2.765361e+03	4.677518e+03
[14641]	5.482616e+03	7.818469e+03	4.488791e+03	2.866813e+03	2.995058e+03
[14646]	2.016227e+03	3.668140e+03	5.535160e+03	1.212258e+03	4.051016e+03
[14651]	3.520924e+03	5.436689e+03	4.348598e+03	1.864245e+03	3.485522e+03
[14656]	2.040547e+03	4.247838e+03	4.033800e+03	2.370012e+03	4.075561e+03
[14661]	7.112698e+03	3.338494e+03	1.382137e+03	6.205556e+03	3.269787e+03

[14666]	4.431685e+03	1.540799e+03	2.475567e+03	5.204338e+03	3.663687e+03
[14671]	3.994045e+03	5.219569e+03	4.355841e+03	5.101765e+03	6.063072e+03
[14676]	2.562668e+03	4.578040e+03	5.529975e+03	3.763763e+03	3.739867e+03
[14681]	6.940550e+02	1.629630e+03	2.382009e+03	3.627716e+03	6.671902e+03
[14686]	6.700185e+02	3.472562e+03	3.316416e+03	1.235912e+03	4.190008e+03
[14691]	4.678415e+03	1.852739e+03	2.254058e+03	4.654117e+03	2.547800e+03
[14696]	5.280281e+03	3.332988e+03	4.007158e+03	5.762443e+03	4.599106e+03
[14701]	3.157411e+03	5.082715e+03	2.783184e+03	3.345086e+03	2.080346e+03
[14706]	5.905364e+03	4.825758e+03	5.533177e+03	2.773422e+03	2.467109e+03
[14711]	6.374339e+03	2.755540e+03	4.148559e+03	3.369960e+03	3.801270e+03
[14716]	4.200157e+03	2.999834e+03	2.418527e+03	2.143796e+03	9.145869e+02
[14721]	3.413719e+03	7.936372e+02	2.733474e+03	1.615557e+03	1.922856e+03
[14726]	1.219735e+03	-3.042871e+02	3.234897e+03	2.955504e+03	2.992172e+03
[14731]	3.570170e+03	1.397768e+03	2.205539e+03	4.393992e+03	2.320737e+03
[14736]	1.980597e+03	3.811739e+03	5.152837e+03	1.135960e+03	3.923768e+03
[14741]	1.063493e+03	1.970506e+03	3.295864e+03	7.370721e+02	6.449372e+03
[14746]	3.232813e+03	-8.512751e+02	1.822427e+03	2.095643e+03	2.869824e+03
[14751]	1.724821e+03	1.792693e+03	5.971688e+02	3.883737e+03	3.543547e+03
[14756]	9.742096e+02	4.206220e+03	3.503377e+03	4.268009e+03	4.437291e+03
[14761]	4.802712e+03	3.142270e+03	4.088880e+03	3.271510e+03	1.851250e+03
[14766]	3.452334e+03	5.501972e+03	2.233344e+03	4.608646e+03	3.301895e+03
[14771]	4.689595e+03	4.612904e+03	2.036696e+03	2.503986e+03	2.895093e+03
[14776]	4.851447e+03	4.497389e+03	2.796247e+03	2.273183e+03	3.585079e+03
[14781]	1.817692e+03	2.053998e+03	2.856579e+03	2.525690e+02	2.873870e+03
[14786]	1.685363e+03	2.855691e+03	4.972527e+03	1.763316e+03	4.721814e+03
[14791]	1.429391e+03	3.442493e+03	2.380368e+03	1.286581e+03	4.483666e+03
[14796]	1.393908e+03	4.885132e+03	2.730661e+03	9.832099e+02	2.271771e+03
[14801]	3.628124e+03	2.692956e+03	2.686964e+03	3.758415e+03	3.644559e+03
[14806]	1.049290e+03	2.647135e+03	1.518042e+03	2.329367e+03	7.631541e+02
[14811]	4.112753e+03	3.439013e+03	3.378256e+03	2.450936e+03	3.534999e+03
[14816]	1.369876e+03	2.456562e+03	3.738427e+03	8.187651e+02	1.554057e+03
[14821]	3.668709e+03	4.056710e+03	4.481545e+03	8.817356e+02	3.489956e+03
[14826]	2.165007e+03	3.652240e+03	2.971428e+03	4.651803e+03	8.266711e+02
[14831]	1.814637e+03	1.662093e+03	1.877620e+03	2.463000e+03	4.551586e+03
[14836]	1.600531e+03	2.198975e+03	3.840944e+03	3.802600e+01	2.637319e+03
[14841]	2.187911e+03	4.364538e+03	4.065605e+03	3.224390e+03	-1.165374e+02
[14846]	2.897937e+03	4.632612e+03	1.270237e+02	4.680161e+03	4.123625e+03
[14851]	4.517225e+03	5.923316e+03	3.081615e+03	3.239083e+02	3.267779e+03
[14856]	3.973928e+03	4.929172e+03	3.415529e+03	4.329074e+03	2.663020e+03
[14861]	1.632603e+03	2.843952e+03	4.434621e+03	3.436080e+03	5.566017e+03
[14866]	4.294679e+03	2.041069e+03	3.472730e+03	4.019844e+03	3.643794e+03
[14871]	4.890365e+03	4.390673e+03	7.067419e+03	3.536487e+03	2.618179e+03
[14876]	2.567869e+03	5.462126e+03	5.560186e+03	3.912509e+02	3.718019e+03

[14881]	3.347341e+03	3.822639e+03	4.744042e+03	2.611987e+03	5.091355e+03
[14886]	2.182885e+03	2.223283e+03	4.974880e+03	4.797496e+03	5.026791e+03
[14891]	5.722102e+02	4.027172e+03	3.527950e+03	2.712326e+03	3.140208e+03
[14896]	4.338514e+03	2.632537e+03	4.833393e+03	3.269967e+03	3.718019e+03
[14901]	3.823049e+03	1.882149e+03	-4.114489e+01	5.101710e+03	4.883063e+02
[14906]	4.318573e+03	4.567599e+03	4.186455e+03	3.790078e+03	3.792327e+03
[14911]	4.215153e+03	2.273911e+03	3.328947e+03	5.298193e+03	3.258808e+03
[14916]	2.541543e+02	4.421269e+03	3.307099e+03	3.640748e+03	4.664688e+03
[14921]	3.904558e+03	3.064224e+03	3.169814e+03	3.701417e+03	1.590070e+03
[14926]	1.741913e+03	2.404652e+03	1.466100e+03	4.148090e+03	3.209445e+03
[14931]	4.004656e+03	2.741041e+03	3.948766e+03	3.140762e+03	2.680694e+03
[14936]	3.958066e+03	1.940323e+03	3.617141e+03	1.884444e+03	3.226693e+03
[14941]	6.082816e+03	4.289657e+03	1.811470e+03	2.740817e+03	3.152901e+03
[14946]	4.626270e+03	3.589009e+03	3.534556e+03	1.333937e+03	3.167606e+03
[14951]	5.781186e+03	3.474473e+03	-1.268393e+02	2.264444e+03	1.710749e+03
[14956]	4.132186e+03	5.273713e+03	3.430641e+03	1.870698e+03	6.839026e+03
[14961]	5.781141e+03	2.543581e+03	3.928097e+03	2.503719e+03	3.988547e+03
[14966]	3.232206e+03	1.602913e+03	1.702649e+03	2.829629e+03	2.896294e+03
[14971]	5.158004e+03	-1.764095e+02	4.116422e+03	3.070362e+03	2.969616e+03
[14976]	4.939199e+03	5.098300e+03	5.178385e+03	4.949384e+02	3.997077e+03
[14981]	1.331422e+03	5.279863e+03	2.756520e+03	2.549200e+03	4.837918e+03
[14986]	4.029963e+03	5.478138e+03	1.742994e+03	3.087327e+03	3.186718e+03
[14991]	3.138106e+03	1.964659e+03	3.295706e+03	4.512677e+03	4.216589e+03
[14996]	3.291212e+03	6.124605e+03	4.805318e+03	4.140198e+03	-1.590880e+03
[15001]	3.271879e+03	7.196756e+02	2.541259e+03	1.861024e+03	6.588022e+03
[15006]	4.866540e+03	4.388477e+03	2.746231e+03	4.812151e+03	6.264005e+03
[15011]	2.377068e+03	3.712001e+03	2.201086e+03	5.713867e+03	4.044548e+03
[15016]	2.969917e+03	2.542784e+03	3.624960e+03	3.306008e+03	4.120680e+03
[15021]	2.569658e+03	4.368266e+03	3.068187e+03	1.858066e+03	3.803224e+03
[15026]	5.760938e+03	5.237572e+03	1.641913e+03	4.006600e+03	4.116305e+03
[15031]	6.441499e+02	1.255123e+03	3.659008e+03	2.699667e+03	4.576079e+03
[15036]	5.906933e+03	7.299880e+01	4.452592e+03	6.970404e+03	1.202170e+03
[15041]	2.865558e+03	2.424484e+03	2.427999e+03	3.405131e+03	2.712356e+03
[15046]	3.258955e+03	7.079274e+03	1.378847e+03	7.377721e+03	1.248799e+03
[15051]	1.550828e+03	3.723826e+03	4.887013e+03	3.552886e+03	1.384343e+03
[15056]	1.987076e+03	2.563287e+03	2.726425e+03	5.335055e+03	4.627050e+03
[15061]	4.973472e+03	3.691782e+03	3.353077e+03	4.818102e+03	2.392741e+03
[15066]	2.626505e+03	1.895598e+03	1.506511e+03	2.307338e+03	2.678907e+03
[15071]	1.132475e+03	4.961706e+03	5.068776e+03	3.479613e+03	3.221689e+03
[15076]	6.065860e+03	1.073679e+03	2.411983e+03	3.440502e+03	2.336598e+03
[15081]	5.528632e+02	2.429058e+03	3.233796e+03	2.769742e+03	2.400116e+03
[15086]	2.239256e+03	1.939783e+03	2.132653e+03	3.364881e+03	3.602422e+03
[15091]	2.293831e+03	3.878440e+03	2.039541e+03	5.920364e+03	2.357326e+03

[15096]	6.157649e+03	-2.211763e+01	2.128375e+03	3.698593e+03	4.058162e+01
[15101]	3.145766e+03	4.131075e+03	1.500061e+03	6.037568e+03	2.711838e+03
[15106]	3.505188e+03	4.501305e+03	5.208182e+03	6.146058e+03	8.459113e+02
[15111]	1.197987e+03	3.657919e+03	1.301552e+03	4.628425e+03	3.921603e+03
[15116]	3.652274e+03	2.534621e+03	2.327576e+03	1.049193e+03	3.252210e+03
[15121]	1.500677e+03	3.612833e+03	7.837619e+03	3.666448e+03	5.903557e+03
[15126]	4.515191e+03	1.727900e+03	5.717994e+02	3.937219e+03	3.339420e+03
[15131]	2.946447e+03	2.051145e+03	3.150113e+03	3.023896e+03	1.096568e+03
[15136]	3.694608e+03	2.097100e+03	5.010595e+03	3.021943e+03	9.418992e+02
[15141]	3.187656e+02	2.266557e+03	3.957371e+03	9.965289e+02	5.312406e+03
[15146]	2.648117e+03	2.453734e+03	3.777164e+03	4.580246e+03	5.360656e+03
[15151]	4.652363e+03	6.678802e+03	3.506841e+03	2.937943e+03	4.772246e+03
[15156]	3.358028e+03	6.725539e+03	5.365166e+03	6.817582e+03	4.908446e+03
[15161]	1.352827e+03	6.539348e+03	5.108014e+03	1.950513e+03	2.451622e+03
[15166]	7.550168e+03	2.519436e+03	2.979294e+03	6.595949e+03	4.913169e+03
[15171]	2.788183e+03	5.136830e+03	1.144380e+03	2.188140e+03	7.144017e+03
[15176]	1.194663e+03	1.730547e+03	1.914658e+03	1.731842e+03	2.343116e+03
[15181]	5.043068e+03	5.922580e+03	2.923141e+03	4.482959e+03	1.342879e+03
[15186]	1.176396e+03	3.766181e+03	2.100908e+03	8.338624e+02	2.251719e+03
[15191]	3.803065e+03	1.884581e+03	4.422915e+03	2.282602e+03	3.763864e+03
[15196]	1.360936e+03	3.510160e+03	5.282025e+03	1.181786e+03	1.136654e+02
[15201]	4.994302e+03	4.019595e+03	3.347545e+03	3.774939e+03	3.107444e+03
[15206]	4.140113e+03	2.623311e+03	4.457492e+03	3.519097e+03	4.810747e+03
[15211]	2.992312e+03	1.743004e+03	3.918051e+03	2.713132e+03	2.434514e+03
[15216]	1.392725e+03	3.029404e+03	3.431178e+03	6.104173e+03	3.973942e+03
[15221]	4.937628e+03	3.324844e+03	2.213592e+03	5.596526e+03	3.302118e+03
[15226]	4.663509e+02	5.347761e+03	5.277502e+03	4.780541e+03	4.585127e+03
[15231]	4.027199e+03	2.474025e+03	4.088548e+03	2.727319e+03	7.268129e+02
[15236]	5.560111e+03	1.913739e+03	1.531261e+03	5.821284e+03	3.091603e+03
[15241]	3.680967e+03	3.293244e+03	3.507811e+03	4.571005e+03	4.656217e+03
[15246]	4.169292e+03	4.155294e+03	2.771752e+03	4.046912e+03	2.908575e+03
[15251]	1.140468e+03	9.406647e+02	6.361980e+03	7.767012e+02	3.114317e+03
[15256]	4.128629e+03	3.172776e+03	4.953635e+03	1.884605e+03	3.464748e+03
[15261]	1.834720e+03	7.390251e+02	3.019518e+03	1.705784e+03	2.249954e+03
[15266]	2.657585e+03	4.951384e+03	4.051394e+03	2.313104e+03	-4.247684e+01
[15271]	2.582358e+03	4.626304e+03	2.759636e+03	3.405853e+03	3.488095e+03
[15276]	1.942757e+03	4.055241e+02	2.724668e+03	1.246937e+03	2.409510e+03
[15281]	3.330115e+03	5.461228e+03	2.874661e+03	2.944098e+03	4.597441e+03
[15286]	2.536555e+03	8.812255e+02	5.488218e+03	4.248753e+02	3.859498e+03
[15291]	3.796507e+03	1.697462e+03	3.985218e+03	2.705302e+03	4.655880e+03
[15296]	2.312596e+03	2.908000e+03	2.780937e+03	2.643921e+03	7.759012e+02
[15301]	3.218279e+03	2.340934e+03	3.896073e+03	3.414952e+03	5.732204e+03
[15306]	2.241229e+03	4.455118e+03	3.691020e+03	3.037381e+03	3.560529e+03



[15311]	4.097387e+03	3.276732e+03	4.188824e+03	5.610968e+03	3.155051e+03
[15316]	3.332157e+03	4.011244e+03	4.727548e+03	2.846524e+03	1.200741e+03
[15321]	2.414856e+03	4.742200e+03	2.972999e+03	4.467805e+03	5.109126e+03
[15326]	4.867593e+03	2.140197e+03	4.269838e+03	4.018745e+03	3.678574e+03
[15331]	2.640073e+03	4.671047e+03	2.942697e+03	1.363091e+03	2.004601e+03
[15336]	4.372447e+03	2.152756e+03	4.444871e+03	6.596842e+03	1.123345e+03
[15341]	9.856266e+02	5.393103e+03	5.920358e+03	2.213157e+03	1.431259e+03
[15346]	4.586403e+03	8.160232e+03	2.119485e+03	4.969871e+03	1.537484e+03
[15351]	3.020641e+03	5.018664e+03	-3.302912e+01	4.150779e+03	1.807574e+03
[15356]	2.169504e+03	1.100954e+03	2.727365e+03	3.510283e+03	5.884942e+03
[15361]	4.008515e+03	4.862013e+03	1.509791e+03	3.228476e+03	3.261834e+03
[15366]	2.800050e+03	4.116325e+03	3.049409e+03	3.690321e+03	3.220252e+02
[15371]	-1.959674e+02	3.169265e+03	6.066091e+03	9.370544e+02	3.835670e+03
[15376]	1.787003e+03	4.028876e+03	4.466258e+03	5.859016e+03	3.094591e+03
[15381]	4.558524e+03	3.457039e+03	4.884118e+03	2.591713e+03	6.323311e+03
[15386]	4.417869e+03	6.739828e+02	5.709371e+03	3.503789e+03	3.349699e+03
[15391]	2.930001e+03	3.525305e+03	3.905514e+03	3.605288e+03	4.486510e+03
[15396]	-5.471129e+02	4.764603e+03	4.012292e+03	4.759965e+03	2.046611e+03
[15401]	4.681989e+03	3.693921e+03	2.271297e+03	6.606148e+03	5.317938e+03
[15406]	1.890820e+03	-9.383210e+02	3.850412e+03	4.107474e+03	4.602771e+03
[15411]	4.780387e+03	1.713603e+03	2.914312e+03	2.114259e+03	5.053130e+03
[15416]	6.277614e+03	3.281806e+03	2.186569e+03	1.828735e+03	4.843210e+03
[15421]	3.187128e+03	2.827704e+03	3.673241e+03	4.086083e+03	3.257830e+03
[15426]	1.515931e+03	7.110099e+02	4.961793e+03	4.841016e+03	4.182869e+03
[15431]	3.457154e+02	3.778385e+03	1.324418e+03	1.517491e+03	4.356040e+03
[15436]	3.405695e+03	4.756697e+03	1.489122e+03	5.140138e+03	3.113935e+03
[15441]	4.382079e+03	3.417995e+03	2.469324e+03	3.146081e+03	3.097049e+03
[15446]	2.927137e+03	3.445048e+03	1.138581e+03	3.379261e+03	3.428983e+03
[15451]	7.256929e+02	2.144646e+03	3.278289e+03	2.905318e+03	3.899402e+03
[15456]	2.049193e+03	1.862887e+03	3.745159e+03	4.542191e+03	1.406184e+03
[15461]	8.034322e+02	2.484415e+03	2.712079e+03	3.723386e+03	2.825886e+03
[15466]	4.310409e+03	1.024593e+03	3.759401e+03	7.493205e+02	3.620711e+03
[15471]	3.736049e+02	5.459409e+03	5.254127e+03	8.470964e+03	4.232170e+03
[15476]	2.062049e+03	2.927818e+03	5.044078e+02	6.047890e+03	3.087759e+03
[15481]	1.194249e+03	2.033503e+03	3.354958e+03	3.024139e+03	9.971183e+02
[15486]	3.325781e+03	5.458979e+03	3.748909e+03	3.954890e+03	4.135996e+03
[15491]	-2.285676e+03	3.588929e+03	2.945876e+03	4.389804e+03	7.984067e+02
[15496]	4.240402e+03	-3.939601e+02	3.297046e+03	6.369642e+02	2.887482e+03
[15501]	4.112172e+03	4.497536e+03	2.405376e+03	5.933393e+03	2.036041e+03
[15506]	2.599563e+03	3.217173e+03	6.689058e+03	3.576787e+03	3.332204e+03
[15511]	1.962474e+03	2.035480e+03	1.825961e+03	2.542342e+03	5.332992e+03
[15516]	1.901712e+03	1.619857e+03	1.275200e+03	3.479252e+03	1.561422e+03
[15521]	3.295196e+03	1.609311e+03	2.318862e+03	3.850673e+03	5.700209e+03

[15526]	2.666036e+03	3.753661e+03	4.966697e+03	3.796273e+03	6.965369e+03
[15531]	3.590858e+03	5.783336e+03	1.894742e+03	3.240785e+03	1.579366e+03
[15536]	7.036319e+02	4.832144e+03	4.045158e+03	3.914990e+03	2.892703e+03
[15541]	2.480380e+03	3.796952e+03	4.710245e+03	4.372606e+03	2.762643e+03
[15546]	3.218844e+03	2.695988e+03	4.439921e+03	5.264941e+03	3.117623e+03
[15551]	3.015121e+03	9.653701e+02	3.364771e+03	1.645283e+03	4.027752e+03
[15556]	3.177910e+03	4.529864e+03	4.619088e+03	2.619658e+03	3.282219e+03
[15561]	4.061920e+03	3.681834e+03	5.359082e+03	2.755187e+03	5.419453e+03
[15566]	4.486519e+03	4.516934e+03	2.917121e+03	1.810606e+03	2.818122e+03
[15571]	2.640403e+03	4.294868e+03	1.202791e+03	5.620123e+02	6.185987e+03
[15576]	1.658319e+03	-1.023598e+03	3.671872e+03	4.676229e+03	5.463038e+03
[15581]	6.318994e+03	3.633500e+03	1.259195e+03	3.652430e+03	-7.433395e+02
[15586]	2.695225e+03	1.404984e+03	4.691514e+03	4.162045e+03	3.249846e+03
[15591]	4.325402e+03	3.769622e+03	3.546147e+03	4.221659e+02	4.141998e+03
[15596]	2.704236e+03	3.163431e+03	2.948159e+03	3.982546e+03	3.074680e+03
[15601]	2.476641e+03	2.659088e+03	3.146865e+03	4.246067e+03	-3.480815e+02
[15606]	4.512762e+03	3.821884e+03	5.231564e+03	1.772005e+03	4.143752e+03
[15611]	3.579315e+03	2.798203e+03	3.465905e+03	4.711319e+03	3.037766e+03
[15616]	2.705141e+03	2.963727e+03	4.018724e+03	4.350876e+03	3.141503e+03
[15621]	1.588289e+03	2.795809e+03	4.072688e+03	3.425803e+03	4.006329e+03
[15626]	4.142268e+03	4.966808e+03	4.375766e+03	1.901525e+03	4.559233e+03
[15631]	3.556088e+03	3.945691e+03	2.041267e+03	2.035704e+03	4.807602e+03
[15636]	4.226836e+03	4.916228e+03	2.551914e+03	3.776726e+03	3.005910e+03
[15641]	-8.285567e+02	1.094982e+03	7.690607e+03	3.758168e+03	1.800881e+03
[15646]	1.008270e+03	5.541339e+03	2.270743e+03	5.499236e+02	2.543308e+03
[15651]	3.587173e+03	2.739677e+03	2.415689e+03	2.837462e+03	5.598172e+03
[15656]	5.084393e+03	4.693270e+03	1.465509e+03	3.326930e+03	4.750698e+03
[15661]	4.056671e+03	3.031683e+03	-4.154496e+02	2.553126e+03	5.538499e+03
[15666]	1.590137e+03	4.138013e+03	4.802510e+03	5.057773e+03	3.443482e+03
[15671]	2.400830e+03	2.992664e+03	4.671040e+03	4.405248e+03	3.957120e+03
[15676]	5.697310e+03	2.362610e+03	2.936937e+03	3.021049e+03	4.211717e+03
[15681]	2.747234e+03	1.878205e+03	2.891951e+03	2.947016e+03	3.920674e+03
[15686]	4.494520e+03	3.947482e+03	5.614627e+03	1.056805e+03	3.190803e+03
[15691]	5.511599e+03	2.683732e+03	3.126124e+03	3.041575e+03	1.865214e+03
[15696]	3.618476e+03	3.395187e+03	8.715642e+02	2.504225e+03	4.342191e+03
[15701]	4.988590e+03	3.381660e+03	2.339971e+03	2.232809e+03	1.850046e+03
[15706]	3.843413e+03	4.427138e+03	5.537069e+03	3.265144e+03	2.107676e+03
[15711]	2.657772e+03	2.578360e+03	2.809957e+03	4.235628e+03	4.545280e+03
[15716]	4.679378e+03	3.217421e+03	2.511036e+03	4.261342e+03	2.052943e+02
[15721]	3.139992e+03	4.545907e+03	4.611426e+03	3.130230e+03	4.062926e+03
[15726]	9.048735e+02	1.536724e+03	1.393976e+03	4.503698e+03	4.697979e+03
[15731]	1.602283e+03	6.530363e+03	2.247606e+03	4.139724e+03	5.444137e+03
[15736]	1.416099e+03	3.276070e+03	2.942847e+03	4.188603e+03	2.874852e+03

[15741]	2.500014e+03	1.994133e+03	3.213541e+03	3.114717e+03	5.157315e+03
[15746]	4.941383e+03	1.288456e+03	5.165723e+03	2.264098e+03	3.176613e+02
[15751]	5.718725e+03	3.625115e+03	6.254968e+03	4.992847e+03	4.363861e+03
[15756]	4.795496e+03	3.770726e+03	1.890014e+03	1.839760e+03	1.592860e+03
[15761]	-2.569369e+02	5.846495e+03	8.516660e+02	3.829631e+03	3.426612e+03
[15766]	3.256105e+03	2.018462e+03	2.477438e+03	3.722748e+03	5.263466e+03
[15771]	2.232110e+03	4.776326e+02	4.069082e+03	2.536320e+03	3.889139e+03
[15776]	1.721352e+02	4.821216e+03	2.303172e+03	8.775577e+02	5.371851e+03
[15781]	6.927784e+03	1.991990e+03	2.943094e+03	3.173513e+03	1.727098e+03
[15786]	3.557152e+03	3.497688e+03	2.292227e+03	6.055475e+03	1.961780e+03
[15791]	3.876168e+03	5.508779e+03	2.032386e+03	3.106870e+03	3.870111e+03
[15796]	3.340432e+03	2.674763e+03	1.387040e+03	6.545099e+03	1.121706e+03
[15801]	2.694190e+03	2.073613e+03	4.318569e+03	5.548520e+03	1.699073e+03
[15806]	6.579412e+03	4.807593e+03	2.624631e+03	3.841307e+03	3.212425e+03
[15811]	1.231631e+02	8.168810e+02	2.888126e+03	4.392551e+03	2.216862e+03
[15816]	2.273110e+03	3.262533e+03	4.664324e+03	1.939086e+03	2.592991e+03
[15821]	1.769264e+03	3.374732e+03	5.514229e+03	4.340112e+03	6.136671e+03
[15826]	1.325855e+03	3.353141e+03	2.072129e+03	2.579578e+03	3.527607e+03
[15831]	5.500810e+02	5.239197e+02	2.235355e+03	1.782946e+03	2.021293e+02
[15836]	3.948545e+03	5.553030e+03	4.009159e+03	8.429284e+02	3.561599e+03
[15841]	5.697281e+03	3.824797e+03	4.535131e+03	4.474253e+03	6.791115e+03
[15846]	6.068149e+03	7.484420e+02	3.898223e+03	2.737279e+03	4.614608e+03
[15851]	8.302574e+02	3.383398e+03	2.301675e+03	3.480505e+03	8.487390e+02
[15856]	3.443489e+03	3.932115e+03	2.435247e+03	2.365626e+03	6.913062e+02
[15861]	2.564061e+03	4.257960e+03	6.522990e+03	3.968337e+03	4.461460e+03
[15866]	2.774289e+03	1.526596e+03	1.802832e+03	2.053441e+03	4.543949e+03
[15871]	5.995013e+03	2.392255e+03	4.413959e+03	1.606510e+03	4.869580e+03
[15876]	4.137040e+03	2.062633e+03	4.611124e+03	3.099193e+03	3.705242e+03
[15881]	5.082222e+03	2.254591e+03	8.618474e+02	4.428320e+03	5.711705e+03
[15886]	1.201337e+03	3.100401e+03	5.719988e+03	3.744854e+03	1.279677e+03
[15891]	9.522041e+02	1.503861e+03	3.220191e+03	1.235847e+03	2.042330e+03
[15896]	4.262918e+03	3.186061e+03	1.168029e+03	1.631077e+03	6.004082e+03
[15901]	1.390687e+03	2.505926e+03	6.339050e+03	2.818852e+03	3.443827e+03
[15906]	3.117478e+03	6.400139e+02	2.462703e+03	2.393494e+03	3.284451e+03
[15911]	3.086434e+03	2.975290e+03	4.738659e+03	3.950592e+03	4.392911e+03
[15916]	2.469998e+03	3.751755e+03	3.834412e+03	3.998468e+03	3.145517e+03
[15921]	3.032575e+03	2.400710e+03	3.067846e+03	6.145285e+03	2.237882e+03
[15926]	3.969754e+03	5.025474e+03	2.781219e+03	4.202598e+02	2.482479e+03
[15931]	9.623781e+02	4.326235e+03	2.183597e+03	3.162712e+03	2.796207e+03
[15936]	2.389742e+03	5.242824e+03	2.373463e+03	2.793911e+03	4.897753e+03
[15941]	3.503164e+03	2.933662e+03	3.364637e+03	1.991235e+03	5.828768e+03
[15946]	3.123733e+03	3.480156e+03	2.611997e+03	3.726958e+03	2.673017e+03
[15951]	1.982269e+03	2.767356e+03	6.183730e+03	8.728101e+02	2.900156e+03

[15956]	3.181493e+03	3.520473e+03	3.849281e+03	5.284726e+03	6.051009e+03
[15961]	5.979252e+03	3.349964e+03	3.684304e+03	2.763987e+03	5.169205e+02
[15966]	2.518012e+03	1.156061e+03	4.425919e+03	2.357449e+03	2.099626e+03
[15971]	1.818800e+03	5.431074e+02	-7.581279e+02	4.476152e+03	3.095833e+02
[15976]	3.009530e+03	5.317022e+03	2.825059e+03	4.247150e+03	3.514621e+03
[15981]	6.095437e+03	3.326747e+03	3.530756e+03	4.801609e+03	4.332554e+03
[15986]	1.457741e+02	3.985288e+03	3.476808e+03	5.785757e+03	3.148288e+03
[15991]	2.903406e+03	3.184061e+03	3.129541e+03	1.075111e+03	4.777862e+03
[15996]	4.218011e+03	3.614093e+02	4.799923e+03	4.360034e+03	3.433211e+03
[16001]	6.080685e+03	-7.780815e+01	4.977704e+03	2.549955e+03	4.611329e+03
[16006]	7.023916e+03	2.446272e+03	3.232646e+03	5.897452e+03	5.144674e+03
[16011]	1.985919e+03	3.563916e+03	3.726674e+03	2.073803e+03	2.029623e+03
[16016]	2.283795e+03	4.140898e+03	2.143372e+03	1.516658e+02	3.223253e+03
[16021]	4.297015e+02	3.698637e+03	2.393217e+03	3.684277e+03	2.159124e+03
[16026]	4.497685e+03	1.398477e+03	4.444419e+03	2.847172e+03	3.325820e+03
[16031]	1.897399e+03	4.901107e+03	2.723872e+03	2.722126e+03	3.858588e+03
[16036]	1.321187e+03	2.433666e+03	3.717592e+03	1.583372e+03	4.390195e+03
[16041]	3.064435e+03	2.229059e+03	3.305461e+03	7.165970e+02	2.377144e+03
[16046]	2.858487e+03	4.353066e+03	1.621785e+03	3.732777e+03	2.888211e+03
[16051]	3.856314e+03	2.011817e+03	2.655003e+03	2.770028e+03	4.048329e+03
[16056]	6.432545e+03	5.767629e+03	2.279890e+03	2.284027e+03	3.803758e+03
[16061]	2.807055e+03	5.026412e+02	4.712038e+03	8.973725e+02	3.706262e+03
[16066]	5.557554e+03	4.289525e+03	-1.170694e+02	5.168111e+03	3.215831e+03
[16071]	3.952618e+03	3.992605e+03	2.112625e+03	2.245097e+03	1.105862e+03
[16076]	5.228027e+03	1.648710e+03	3.067757e+03	3.589035e+03	4.347051e+03
[16081]	2.483056e+03	4.411161e+03	4.921035e+03	5.227612e+03	3.031703e+03
[16086]	3.232782e+03	3.499737e+03	9.793564e+02	1.584105e+02	1.119210e+03
[16091]	2.530087e+03	5.813603e+03	2.643353e+03	5.051411e+03	3.942433e+03
[16096]	3.362486e+03	3.424068e+03	2.957436e+03	6.936741e+02	2.908103e+03
[16101]	2.068216e+03	5.209829e+03	1.978674e+03	2.656271e+03	3.726250e+03
[16106]	4.430538e+03	5.536556e+03	1.612276e+03	2.967422e+03	3.346703e+03
[16111]	1.961976e+03	1.916221e+03	3.309409e+03	1.947012e+03	1.023758e+03
[16116]	3.658746e+03	3.929239e+03	2.679558e+03	1.793161e+03	1.887984e+03
[16121]	3.345856e+03	-6.032879e+02	2.667890e+03	2.101585e+03	6.224546e+03
[16126]	3.376780e+03	4.385563e+03	7.219886e+03	3.411440e+03	3.232063e+03
[16131]	1.988464e+03	4.023581e+03	5.459831e+03	2.781304e+02	3.313389e+03
[16136]	1.174143e+03	3.661414e+03	1.655766e+03	4.033688e+03	4.874193e+03
[16141]	3.728411e+03	2.514925e+03	3.262914e+03	3.391168e+03	5.089380e+03
[16146]	5.111426e+03	1.892590e+03	3.274634e+03	1.103985e+03	2.913085e+03
[16151]	3.076545e+03	3.133984e+03	3.543902e+03	4.777384e+03	5.951034e+03
[16156]	3.346066e+03	4.253509e+03	5.767217e+03	2.458057e+03	2.101352e+03
[16161]	4.599154e+03	1.541198e+03	2.088490e+03	3.865916e+03	3.363497e+03
[16166]	3.625703e+03	-3.756467e+02	4.185007e+03	3.115540e+03	1.930017e+03

[16171]	4.973167e+03	1.862528e+03	3.256437e+03	3.709443e+03	3.514334e+03
[16176]	1.322951e+03	5.529966e+03	1.186463e+03	1.948585e+03	2.397410e+03
[16181]	-7.423788e+02	2.372621e+03	5.742979e+03	3.073844e+03	4.473211e+03
[16186]	3.439859e+03	3.371903e+03	1.565468e+03	3.124387e+03	4.559670e+03
[16191]	8.722852e+02	4.356585e+03	5.075797e+03	3.994528e+03	2.355427e+02
[16196]	3.354989e+03	1.351867e+03	2.271005e+03	4.990373e+03	3.067555e+03
[16201]	4.389479e+03	-1.103967e+02	2.455507e+03	3.472830e+03	3.190463e+03
[16206]	4.592969e+03	2.414130e+03	4.454902e+03	1.202655e+03	3.853402e+03
[16211]	3.374352e+03	4.646957e+03	6.260760e+03	2.165131e+03	3.778327e+03
[16216]	3.643184e+03	4.993777e+03	1.642448e+03	2.968602e+03	3.646959e+03
[16221]	3.172305e+03	2.852016e+03	4.630765e+03	2.027230e+03	2.113478e+03
[16226]	3.585938e+03	3.879452e+03	3.592170e+03	3.735838e+03	4.493918e+03
[16231]	3.327331e+03	5.650116e+03	2.349209e+03	7.786136e+02	3.529486e+02
[16236]	3.317362e+03	3.879061e+03	4.373082e+03	-6.676467e+02	5.638972e+03
[16241]	3.788163e+03	3.970844e+03	5.416141e+03	3.242171e+03	2.955912e+03
[16246]	3.784402e+03	2.921723e+03	3.065815e+03	1.739573e+03	2.756002e+03
[16251]	1.471906e+03	3.251128e+03	3.647242e+03	5.718310e+03	4.939381e+03
[16256]	5.566270e+03	3.368258e+03	2.299844e+03	6.581124e+03	3.307327e+03
[16261]	1.571502e+03	1.289606e+03	2.832372e+03	3.176081e+03	3.610159e+03
[16266]	5.955663e+03	1.625092e+03	2.649510e+03	4.027842e+03	2.754427e+03
[16271]	5.133125e+03	3.680095e+03	3.608271e+03	5.421198e+03	4.457788e+03
[16276]	4.547533e+03	-8.946971e+02	3.866919e+03	3.386553e+03	3.185448e+03
[16281]	6.119642e+02	3.705241e+03	5.643437e+03	5.257596e+03	1.898218e+03
[16286]	3.961669e+03	4.954480e+03	5.418344e+03	1.549095e+03	2.564830e+03
[16291]	3.127812e+03	-2.960053e+02	3.931902e+03	2.252062e+03	3.779920e+03
[16296]	4.515603e+03	5.315682e+02	3.152207e+03	2.585078e+03	6.040339e+03
[16301]	3.303994e+03	9.235125e+02	1.887160e+02	-6.807629e+02	-1.331123e+03
[16306]	2.416868e+03	4.214371e+03	4.278682e+03	4.268321e+03	2.757669e+03
[16311]	1.386949e+03	2.670221e+03	2.709488e+03	3.202041e+03	8.928531e+02
[16316]	2.755875e+03	2.356689e+03	9.281931e+02	3.519212e+03	4.781778e+03
[16321]	1.544971e+03	3.315463e+03	4.310984e+03	1.623110e+03	5.036301e+03
[16326]	5.208662e+03	4.209682e+03	1.854288e+03	3.981420e+03	3.334160e+03
[16331]	5.723441e+03	2.285490e+03	5.599578e+03	4.608942e+03	2.346478e+03
[16336]	5.415542e+03	4.185463e+03	9.383156e+02	2.103385e+03	2.847822e+03
[16341]	2.931454e+02	4.381205e+03	1.511504e+03	2.536688e+03	2.197709e+03
[16346]	2.898720e+03	1.924011e+03	5.136528e+03	3.450664e+03	3.005413e+03
[16351]	6.078792e+03	3.549786e+03	-1.085422e+03	2.543895e+03	1.581051e+03
[16356]	1.795378e+03	6.034798e+03	2.971347e+03	2.508071e+03	2.394831e+03
[16361]	3.735915e+03	3.185175e+03	1.446396e+03	4.619362e+03	6.611333e+02
[16366]	6.337101e+03	4.838457e+03	1.245423e+03	2.171917e+03	4.244240e+03
[16371]	2.848161e+03	5.776113e+03	1.706561e+03	5.279175e+03	3.481824e+03
[16376]	2.461888e+03	3.104794e+03	1.993377e+03	2.004361e+03	4.472601e+03
[16381]	3.748452e+03	1.335179e+03	2.161741e+03	2.366059e+03	3.917146e+03

[16386]	4.898938e+03	3.101885e+03	2.384265e+03	2.131620e+03	5.711475e+03
[16391]	2.382368e+03	2.364945e+03	2.175320e+03	2.922913e+03	2.903443e+03
[16396]	2.041728e+03	8.914156e+02	4.281495e+03	5.320942e+03	2.927277e+03
[16401]	-1.054086e+02	3.326738e+03	4.416601e+03	2.397511e+03	4.172907e+03
[16406]	5.979688e+02	5.586347e+03	1.300166e+03	4.658969e+03	4.723254e+03
[16411]	2.902137e+03	8.160736e+01	4.642401e+03	3.791991e+03	2.156404e+03
[16416]	2.595770e+03	3.126394e+03	1.881859e+03	2.735255e+03	4.069769e+02
[16421]	2.770748e+03	5.615645e+03	1.937275e+03	3.825299e+03	2.210675e+03
[16426]	6.380227e+03	2.436966e+03	5.617929e+02	5.266897e+03	3.278633e+03
[16431]	2.815875e+03	2.940101e+03	3.860449e+02	3.305711e+03	3.471909e+03
[16436]	4.495731e+03	5.798171e+03	2.344297e+03	1.454102e+03	4.058457e+03
[16441]	1.197860e+03	3.950722e+03	-5.248193e+02	4.698052e+02	3.707939e+03
[16446]	3.087866e+03	7.091858e+03	4.614586e+03	2.504230e+03	3.536703e+03
[16451]	2.358427e+03	4.212358e+03	1.054887e+03	3.107718e+03	7.690467e+03
[16456]	2.877286e+03	4.052446e+03	4.006599e+03	4.942870e+03	3.188368e+03
[16461]	3.846675e+03	4.398857e+03	3.558261e+03	3.032140e+03	2.112057e+03
[16466]	2.008757e+03	4.048988e+03	2.612161e+03	2.670129e+03	2.202721e+03
[16471]	4.702215e+03	5.523599e+02	-2.109419e+03	3.744554e+03	3.728475e+03
[16476]	1.499367e+03	5.480779e+03	5.239640e+03	3.628724e+03	1.854047e+03
[16481]	3.388180e+03	3.710124e+03	3.530997e+03	4.248088e+03	1.946121e+03
[16486]	3.401302e+03	4.892993e+03	2.553505e+03	6.440372e+03	4.583815e+03
[16491]	5.803267e+03	2.957149e+03	4.367675e+03	1.035127e+03	2.414932e+03
[16496]	1.882722e+03	2.630130e+03	4.735199e+03	3.002739e+03	6.772050e+03
[16501]	3.050149e+03	3.458134e+03	2.330373e+03	5.026171e+03	4.696866e+03
[16506]	4.295569e+03	2.848565e+03	1.624618e+03	6.381308e+03	3.925386e+03
[16511]	3.181052e+03	3.476448e+03	2.322040e+03	4.265322e+03	1.992893e+03
[16516]	4.174933e+03	3.896641e+03	4.914023e+03	2.719762e+03	4.231842e+03
[16521]	2.555694e+03	2.460283e+02	4.734208e+03	3.809838e+03	4.573210e+03
[16526]	5.030285e+03	3.248829e+03	2.035567e+03	3.962077e+03	3.116878e+03
[16531]	4.178569e+03	2.917904e+03	1.295170e+02	2.764409e+03	2.827100e+03
[16536]	3.189860e+03	3.516599e+03	5.631600e+02	5.699352e+02	6.233036e+03
[16541]	5.992774e+03	4.692882e+03	1.032540e+03	4.365860e+03	3.012431e+03
[16546]	2.680733e+03	3.000297e+03	5.148868e+03	7.647693e+02	-1.681366e+03
[16551]	4.868075e+03	4.926444e+03	2.354212e+03	4.832127e+03	1.199304e+03
[16556]	4.320602e+03	4.555293e+03	3.563397e+03	3.430764e+03	7.958058e+03
[16561]	4.520450e+03	1.892003e+03	3.430325e+03	1.190858e+03	4.974367e+02
[16566]	3.507864e+03	-2.056354e+03	1.537501e+03	4.484943e+03	2.280905e+03
[16571]	4.307419e+03	1.874859e+03	4.150716e+03	4.338632e+03	2.825142e+03
[16576]	2.250541e+03	2.765467e+03	4.799714e+03	5.177664e+03	3.045332e+03
[16581]	2.964605e+03	2.071898e+03	3.602948e+03	3.534093e+03	1.210385e+03
[16586]	5.106670e+03	-8.341103e+02	2.733053e+03	2.522792e+03	4.125970e+03
[16591]	2.906934e+03	1.767675e+03	2.564600e+03	3.978497e+03	6.334677e+02
[16596]	4.264695e+03	3.306768e+03	3.181194e+03	4.051492e+03	2.283845e+03

[16601]	3.605176e+03	2.525461e+03	4.438118e+03	2.278931e+03	3.403322e+03
[16606]	6.328652e+03	4.788318e+03	3.811062e+03	1.433248e+03	4.586056e+03
[16611]	8.090782e+02	-1.956446e+01	3.491837e+03	3.227975e+03	5.521134e+03
[16616]	3.524737e+03	2.490766e+03	4.450525e+03	3.519431e+03	2.122873e+03
[16621]	1.706013e+03	7.762833e+02	7.319747e+01	6.848677e+02	3.255540e+03
[16626]	2.052903e+03	1.922267e+03	1.788588e+03	2.790426e+03	3.759926e+03
[16631]	1.475044e+03	2.781655e+03	1.313598e+02	3.983483e+03	4.648738e+03
[16636]	4.621619e+03	5.250715e+03	1.271529e+03	3.117090e+03	2.461508e+03
[16641]	3.836599e+03	1.114436e+03	1.424874e+03	7.109409e+02	5.274924e+03
[16646]	5.416432e+03	5.801693e+03	3.311274e+03	2.703110e+03	2.173523e+03
[16651]	2.319478e+03	1.992780e+03	7.207555e+03	3.113824e+03	2.668155e+03
[16656]	5.006034e+03	4.562283e+03	5.854903e+03	9.802719e+02	4.575050e+03
[16661]	4.043055e+03	6.043589e+02	2.782210e+03	5.171739e+03	5.495333e+03
[16666]	3.827035e+03	3.764004e+03	1.440642e+03	4.357257e+03	3.573499e+02
[16671]	3.021586e+03	8.033398e+02	3.819020e+03	4.012408e+03	4.886910e+03
[16676]	2.709319e+03	4.265047e+03	2.676756e+03	3.944501e+03	5.057268e+03
[16681]	2.686662e+03	4.822740e+03	1.885903e+03	5.422515e+03	1.153478e+03
[16686]	3.844496e+03	4.481465e+03	6.984465e+03	2.539717e+03	3.478992e+03
[16691]	-2.081007e+01	4.912948e+03	6.994580e+03	5.295843e+03	2.803464e+03
[16696]	3.758737e+03	4.521927e+03	4.080107e+03	2.848795e+03	5.200598e+03
[16701]	4.800901e+03	2.939524e+03	5.051061e+03	-5.312300e+02	6.929334e+02
[16706]	1.583605e+03	3.562278e+03	3.246655e+03	5.689636e+03	3.338400e+03
[16711]	1.617811e+03	3.716272e+03	3.858859e+03	1.584607e+03	6.454477e+03
[16716]	5.863622e+03	2.285773e+03	1.805675e+03	2.788188e+03	2.386750e+03
[16721]	2.996908e+03	1.455838e+03	3.589959e+03	2.538259e+03	5.219860e+03
[16726]	2.747026e+03	3.980166e+03	3.265352e+03	1.488047e+03	2.019141e+03
[16731]	5.204820e+03	1.943005e+03	3.291629e+03	4.093708e+03	1.036981e+03
[16736]	3.804560e+03	3.264771e+03	3.271685e+03	4.853668e+03	1.458498e+03
[16741]	3.642135e+03	4.735858e+03	1.637555e+03	2.462428e+03	3.613731e+03
[16746]	1.869815e+03	3.746380e+03	5.772018e+03	4.009066e+03	2.655714e+03
[16751]	1.288096e+03	2.861966e+03	1.016596e+03	5.857084e+03	6.374733e+03
[16756]	2.914815e+03	5.591399e+03	4.102925e+03	3.325872e+03	4.314541e+03
[16761]	3.240436e+03	3.557697e+03	3.646603e+03	4.912538e+03	4.143460e+03
[16766]	3.699816e+03	3.535221e+03	1.655964e+03	5.003325e+03	1.156806e+03
[16771]	6.989352e+02	3.182728e+03	3.057887e+03	4.528331e+03	3.557681e+03
[16776]	4.701433e+03	1.667044e+03	3.477024e+03	4.640412e+03	6.126879e+03
[16781]	-5.247702e+01	-6.679741e+02	7.591587e+03	-4.090512e+02	4.110753e+02
[16786]	5.469333e+03	2.011998e+03	4.895777e+03	2.735543e+03	2.186299e+03
[16791]	3.519090e+03	2.666203e+03	2.727372e+03	2.197577e+03	3.223183e+03
[16796]	2.538950e+03	2.350712e+03	8.101114e+02	1.626414e+03	2.726504e+03
[16801]	6.599161e+03	4.529324e+03	3.521898e+03	5.493229e+03	3.829866e+03
[16806]	3.940333e+03	3.466081e+03	5.142176e+03	3.555543e+03	3.502373e+03
[16811]	1.822527e+03	9.680032e+02	4.866073e+03	1.705511e+03	1.812888e+03

[16816]	2.425653e+03	6.379894e+03	4.292258e+03	7.865729e+02	4.035897e+03
[16821]	4.735652e+03	3.150408e+03	2.051077e+03	6.671650e+03	1.310545e+03
[16826]	-9.671228e+02	4.772657e+03	1.693550e+02	4.577748e+03	3.918250e+03
[16831]	2.828783e+03	4.483051e+03	5.346596e+03	5.790061e+03	-1.140874e+03
[16836]	3.085924e+03	3.080130e+03	3.006399e+00	1.930156e+03	2.723558e+03
[16841]	2.754010e+03	4.220141e+02	8.590758e+02	6.462894e+03	4.078625e+02
[16846]	3.670978e+03	1.706044e+03	9.301646e+02	3.986877e+03	4.084494e+03
[16851]	4.295787e+03	4.313539e+03	2.785016e+03	1.796584e+01	2.032886e+03
[16856]	5.881372e+03	3.302108e+03	2.402428e+03	4.633225e+03	4.224226e+03
[16861]	1.759621e+03	8.002185e+03	2.049395e+03	2.333625e+03	1.907274e+03
[16866]	4.589208e+03	2.704636e+03	3.379674e+03	4.836540e+03	7.132203e+02
[16871]	2.138849e+03	4.333620e+03	4.210968e+03	3.640198e+03	4.888888e+03
[16876]	2.317510e+03	3.657581e+02	3.296287e+03	2.319657e+03	4.580967e+03
[16881]	3.532524e+03	3.741684e+03	1.106303e+03	3.922544e+03	3.968764e+03
[16886]	2.896873e+03	3.196012e+03	3.750736e+03	2.526125e+03	3.396018e+03
[16891]	4.001924e+03	1.561378e+03	1.191843e+03	1.900690e+03	1.373790e+03
[16896]	1.928446e+03	2.546419e+03	4.352626e+03	2.576881e+03	3.983435e+03
[16901]	3.371146e+03	2.396730e+03	4.082030e+03	2.353182e+03	8.075728e+02
[16906]	4.221859e+03	5.604263e+03	2.284510e+03	1.351639e+03	3.975405e+03
[16911]	3.265895e+03	2.131061e+03	4.247346e+03	3.342091e+03	2.181003e+03
[16916]	1.602954e+03	6.027953e+03	2.502571e+03	3.218896e+03	6.310876e+03
[16921]	4.012888e+03	5.315339e+03	6.136093e+03	1.693043e+03	4.550221e+03
[16926]	3.102445e+03	2.646245e+03	2.148424e+03	5.665492e+03	2.124210e+03
[16931]	3.046436e+03	5.536768e+03	1.486179e+03	2.692282e+03	3.158022e+03
[16936]	1.496715e+03	3.156891e+03	1.142655e+03	4.203327e+03	2.793183e+03
[16941]	1.685573e+03	4.274715e+03	2.538820e+03	3.561993e+03	2.027138e+03
[16946]	3.584464e+03	1.893025e+03	6.549440e+03	5.421256e+02	5.243989e+03
[16951]	-7.233417e+02	1.602675e+03	3.159264e+03	3.093509e+03	5.875383e+03
[16956]	1.773650e+03	1.165280e+03	3.609234e+03	2.016205e+03	4.849271e+03
[16961]	3.443826e+03	4.669656e+03	4.242237e+03	3.015237e+03	1.991646e+03
[16966]	2.760745e+03	5.226238e+03	5.638322e+03	3.562935e+03	2.354576e+03
[16971]	2.408000e+03	3.572953e+03	4.119693e+03	2.028366e+03	3.181212e+03
[16976]	2.813694e+03	3.873237e+03	4.139271e+03	3.780309e+03	3.403395e+03
[16981]	1.604590e+03	1.800771e+03	1.672715e+03	4.437957e+03	1.653429e+03
[16986]	1.036719e+03	3.586347e+03	4.340279e+03	2.459952e+03	3.728146e+03
[16991]	1.634529e+03	3.665406e+03	5.869759e+03	2.195649e+03	2.456179e+03
[16996]	3.579298e+03	3.911644e+03	2.566655e+03	2.650465e+03	5.323826e+03
[17001]	4.030447e+03	4.352378e+03	5.558229e+03	5.921345e+03	3.233882e+03
[17006]	3.007714e+03	2.992783e+03	2.096329e+03	1.936987e+03	3.147883e+03
[17011]	4.886815e+03	4.122554e+03	3.939200e+03	2.355813e+03	5.220939e+03
[17016]	9.679199e+02	2.864267e+03	1.783068e+03	1.467288e+03	2.152430e+03
[17021]	1.264092e+03	2.424103e+03	2.126984e+03	5.001967e+03	1.082295e+03
[17026]	7.960287e+02	3.169490e+03	2.603803e+03	3.352794e+03	4.084718e+03



[17031]	1.982436e+03	3.946044e+03	4.658222e+03	2.998982e+03	4.221295e+03
[17036]	2.612738e+03	1.139249e+03	3.165674e+03	-5.718424e+02	4.466705e+03
[17041]	4.917972e+02	4.779923e+03	3.211170e+03	7.039276e+03	3.920469e+03
[17046]	1.148029e+03	2.042040e+03	2.917476e+03	3.537539e+03	3.008783e+03
[17051]	6.202503e+03	1.701469e+03	3.033787e+03	4.332942e+03	2.826337e+03
[17056]	1.659461e+03	1.858386e+03	3.687553e+03	2.220967e+03	4.804141e+03
[17061]	2.110577e+03	4.812058e+03	4.736061e+03	2.374605e+03	5.281687e+03
[17066]	4.528412e+03	5.228682e+03	1.391949e+03	4.039108e+03	1.523215e+03
[17071]	1.560565e+03	3.093672e+03	8.101982e+02	4.071617e+03	3.191604e+03
[17076]	5.486374e+03	2.923666e+03	2.859166e+03	3.368306e+03	1.971962e+03
[17081]	2.982799e+03	9.524929e+02	5.160542e+03	1.854951e+03	3.270690e+03
[17086]	-6.966933e+02	3.141089e+03	4.709905e+03	3.301146e+03	6.985732e+02
[17091]	3.231931e+03	8.119719e+03	1.712826e+03	4.003805e+03	2.461813e+03
[17096]	4.326071e+03	2.285300e+03	3.334662e+02	3.875888e+03	4.610323e+03
[17101]	5.256120e+03	3.849988e+03	4.299888e+03	1.374847e+03	3.217345e+03
[17106]	1.572413e+03	2.244514e+03	5.914980e+02	3.379912e+03	3.103152e+03
[17111]	3.600769e+03	2.399749e+03	4.297359e+03	2.023459e+03	4.817274e+03
[17116]	1.913902e+03	4.490762e+03	4.905839e+03	4.970640e+03	1.990034e+03
[17121]	7.649241e+02	4.000307e+03	2.945124e+03	4.262425e+03	2.547571e+03
[17126]	3.744925e+03	4.454478e+03	2.050660e+03	4.545428e+03	5.637888e+03
[17131]	3.582235e+03	4.365419e+03	2.672174e+03	5.702369e+03	5.123266e+03
[17136]	3.920615e+03	4.827601e+03	3.966081e+03	1.117877e+01	2.917700e+03
[17141]	1.675427e+03	3.404142e+03	1.559655e+03	4.035564e+03	5.083960e+03
[17146]	2.710063e+03	4.140358e+03	5.882754e+03	3.564223e+03	1.848317e+03
[17151]	2.430443e+03	2.832102e+03	7.031495e+03	3.574862e+03	3.624029e+03
[17156]	7.025753e+03	7.268266e+02	2.557039e+03	3.533064e+03	3.265312e+03
[17161]	5.479208e+03	1.931103e+02	3.106817e+03	3.457493e+03	2.240330e+03
[17166]	3.258868e+03	4.122255e+03	2.907454e+03	5.456069e+03	4.471857e+03
[17171]	3.541176e+03	4.293758e+03	4.740696e+03	1.493094e+03	5.187712e+03
[17176]	1.417639e+03	2.490209e+03	5.264647e+03	4.161762e+03	2.551478e+03
[17181]	5.205018e+03	3.732780e+03	5.464386e+03	3.656134e+03	2.345575e+03
[17186]	5.854345e+03	7.541416e+02	1.933953e+03	1.327537e+03	5.543559e+03
[17191]	4.222540e+03	4.006185e+03	5.221516e+03	1.084539e+02	2.823503e+03
[17196]	3.326059e+03	2.433362e+03	5.782344e+03	4.943223e+03	2.138872e+03
[17201]	1.791057e+03	3.037516e+03	9.527089e+02	6.195168e+03	3.800353e+03
[17206]	4.686515e+03	3.797043e+03	3.434823e+03	1.574686e+03	3.558321e+03
[17211]	4.215882e+03	2.809797e+03	3.447854e+03	2.799565e+03	3.801611e+03
[17216]	1.316396e+03	3.454180e+03	4.717242e+03	5.032370e+03	2.439329e+03
[17221]	5.265438e+03	2.266673e+03	5.458254e+03	2.474025e+03	8.163982e+02
[17226]	3.013586e+03	4.807885e+03	2.568734e+03	3.600356e+03	3.916962e+03
[17231]	2.068656e+03	3.309802e+03	4.342891e+02	3.264205e+03	-1.830758e+03
[17236]	4.253934e+03	1.926404e+03	3.038826e+03	1.335902e+03	2.679003e+03
[17241]	4.443061e+02	3.992541e+03	6.641030e+03	2.557148e+03	4.095943e+03

[17246]	4.467662e+03	5.819367e+03	3.105493e+03	5.220885e+03	3.184129e+03
[17251]	5.684413e+03	2.970804e+03	3.087706e+03	2.299079e+03	2.410668e+03
[17256]	2.334387e+03	1.427596e+03	7.009034e+02	-3.435522e+02	2.315606e+03
[17261]	1.646315e+03	5.228205e+03	2.236312e+03	2.948595e+03	3.660713e+03
[17266]	1.194272e+03	4.836632e+03	2.338973e+03	3.113011e+03	3.498778e+03
[17271]	6.962469e+03	3.341305e+03	4.169958e+03	2.538088e+03	2.701094e+03
[17276]	-5.614886e+02	5.320237e+03	2.894357e+03	2.696833e+03	3.617235e+03
[17281]	2.590847e+03	4.301673e+03	3.324813e+03	2.448055e+03	1.618189e+03
[17286]	3.665287e+03	3.221111e+03	2.816628e+03	3.216427e+03	1.281024e+03
[17291]	9.532841e+02	2.587258e+03	4.073595e+03	4.364169e+02	3.707166e+03
[17296]	1.515787e+03	5.187413e+03	3.457430e+03	6.179364e+03	5.132236e+03
[17301]	3.657134e+03	2.885330e+03	4.075874e+03	2.320494e+03	1.850893e+03
[17306]	2.142562e+03	5.966926e+03	2.848783e+03	4.066566e+03	4.163308e+03
[17311]	1.992862e+03	3.729016e+03	6.557623e+03	6.292092e+03	2.400628e+03
[17316]	3.819772e+03	1.124596e+03	3.060075e+03	3.603978e+03	1.037201e+03
[17321]	2.250418e+03	3.121598e+03	2.101550e+03	3.011682e+03	2.747076e+03
[17326]	4.430430e+03	2.080044e+03	4.815730e+03	3.234844e+03	1.513062e+03
[17331]	2.924247e+03	2.183346e+03	5.916503e+03	5.416392e+03	4.943487e+03
[17336]	2.876637e+03	2.734892e+03	2.336040e+03	3.176004e+03	3.997757e+03
[17341]	2.427135e+03	4.764397e+03	3.030611e+03	2.490168e+03	3.552309e+03
[17346]	4.249183e+03	5.406951e+02	4.630840e+03	2.278554e+03	3.054315e+03
[17351]	6.109563e+03	2.717309e+03	2.056869e+02	5.075109e+03	3.250363e+03
[17356]	2.209060e+03	4.140036e+03	3.386318e+03	2.105323e+03	1.737948e+03
[17361]	4.331948e+03	3.988127e+03	4.852201e+03	5.274119e+03	4.401729e+03
[17366]	3.106612e+03	4.227764e+03	1.823643e+03	4.237681e+03	3.021607e+03
[17371]	4.167073e+03	3.502434e+03	3.549803e+03	5.632974e+03	3.029653e+03
[17376]	2.064957e+03	4.097471e+03	3.957139e+03	4.396763e+03	4.330722e+03
[17381]	4.205089e+03	2.016052e+03	8.198357e+02	4.150729e+03	4.108720e+03
[17386]	4.601461e+03	5.115033e+03	1.487814e+03	5.372685e+03	2.847144e+03
[17391]	2.306621e+03	3.311775e+03	3.819180e+03	2.908314e+03	3.535139e+03
[17396]	3.779055e+03	1.656866e+03	2.149744e+03	1.339648e+03	5.848847e+03
[17401]	1.428882e+03	2.998158e+03	4.637384e+03	4.029591e+03	4.657753e+03
[17406]	1.171825e+03	5.046713e+03	-3.959160e+02	6.025524e+03	3.227721e+03
[17411]	4.204071e+03	4.414429e+03	1.241469e+03	4.761245e+03	3.949933e+03
[17416]	5.154384e+03	3.805240e+03	6.291781e+03	3.295927e+03	4.624288e+03
[17421]	2.586039e+03	5.706816e+03	3.504150e+03	3.404867e+03	2.718765e+03
[17426]	2.666715e+03	2.570858e+03	2.296171e+03	3.392503e+03	8.883294e+02
[17431]	4.441877e+03	2.668193e+03	2.892571e+03	4.624041e+03	2.745766e+03
[17436]	2.239543e+03	4.112526e+03	4.516672e+03	3.932147e+03	2.129691e+03
[17441]	2.356939e+03	4.771296e+03	4.397048e+03	5.126682e+03	3.948947e+03
[17446]	3.975570e+03	1.244215e+03	4.331430e+03	6.933307e+02	4.442482e+03
[17451]	1.135833e+03	2.916874e+03	2.791948e+03	4.542628e+03	3.470800e+03
[17456]	5.647272e+03	2.750920e+03	2.793900e+03	2.052919e+03	8.415973e+02

[17461]	4.928608e+03	3.452871e+03	5.381595e+02	5.244030e+02	2.277851e+03
[17466]	4.013814e+03	4.443624e+03	2.368677e+03	3.829181e+03	3.846546e+03
[17471]	2.132272e+03	2.984412e+03	4.475129e+03	5.671644e+03	2.468318e+03
[17476]	1.811879e+03	3.156441e+03	2.521602e+03	5.529055e+03	3.829147e+02
[17481]	2.627779e+03	4.335907e+03	6.712831e+03	3.882834e+03	4.138318e+03
[17486]	1.317896e+03	4.736486e+03	-8.981054e+01	3.675475e+03	4.096994e+03
[17491]	2.704784e+03	3.147400e+03	1.542949e+03	2.192504e+03	4.052113e+03
[17496]	2.861442e+03	4.177824e+03	2.705577e+03	3.475532e+03	2.678925e+03
[17501]	3.694547e+03	3.287239e+03	3.180192e+03	4.360577e+03	4.305405e+03
[17506]	2.343472e+03	5.120700e+03	2.020127e+03	2.125401e+03	-1.271257e+02
[17511]	2.104639e+03	4.332204e+03	3.023571e+03	2.141478e+03	8.200678e+03
[17516]	3.991914e+03	3.996667e+03	3.422040e+03	5.180889e+03	3.322528e+03
[17521]	3.353868e+03	2.686335e+03	4.115535e+03	1.199098e+03	3.285455e+03
[17526]	4.092013e+03	4.044946e+03	2.954488e+03	3.473958e+03	2.699402e+03
[17531]	3.972177e+03	4.688256e+03	1.266377e+03	4.981090e+02	4.611850e+03
[17536]	3.846409e+03	-2.401652e+03	2.754184e+03	1.015501e+03	5.996626e+03
[17541]	5.117167e+02	2.993815e+03	1.428987e+03	1.677122e+03	2.344951e+03
[17546]	4.718272e+03	4.502206e+03	1.870752e+03	4.103964e+03	2.574053e+03
[17551]	5.788582e+03	2.739288e+03	1.941975e+03	4.897150e+03	4.442717e+03
[17556]	4.596488e+03	5.493486e+03	2.729028e+03	4.088681e+03	2.993153e+03
[17561]	2.053662e+02	1.746237e+03	3.067634e+03	3.528564e+03	3.460088e+03
[17566]	2.803307e+03	1.022105e+03	1.170290e+03	3.460168e+03	2.945232e+03
[17571]	3.930228e+02	3.701574e+03	3.915633e+03	1.818744e+03	4.286156e+03
[17576]	2.668084e+03	3.192953e+03	3.343748e+03	1.222614e+02	5.138886e+03
[17581]	3.971435e+03	5.055768e+03	4.860684e+03	4.624529e+03	6.978498e+03
[17586]	2.678106e+03	2.454571e+02	3.329781e+03	1.893343e+03	1.274152e+03
[17591]	3.068134e+03	7.044005e+03	3.835920e+03	2.943765e+03	3.172074e+03
[17596]	2.102180e+03	2.407309e+03	2.891369e+03	3.985914e+03	3.354256e+03
[17601]	5.647868e+03	-1.158267e+03	8.768066e+02	4.466576e+03	1.903901e+03
[17606]	2.442370e+03	3.942648e+03	3.170166e+03	4.507985e+03	1.542866e+03
[17611]	1.384776e+03	4.175344e+03	2.951023e+03	4.526295e+03	2.411776e+03
[17616]	3.173917e+03	2.819363e+03	2.137825e+02	1.927002e+03	2.910027e+03
[17621]	5.730469e+03	2.316720e+03	2.577502e+03	4.062439e+03	3.864294e+03
[17626]	3.707215e+03	2.480682e+03	3.219512e+03	3.611219e+03	2.526654e+03
[17631]	1.708029e+03	4.176882e+03	1.711379e+03	1.689738e+03	5.081416e+03
[17636]	1.627705e+03	4.394178e+03	7.101031e+03	3.668549e+03	3.010869e+03
[17641]	3.921313e+03	5.232696e+03	1.393351e+03	3.589056e+03	4.418780e+03
[17646]	3.969710e+03	1.489495e+03	5.968928e+02	3.390883e+03	2.440400e+03
[17651]	3.134275e+03	5.591783e+03	4.570537e+03	9.455676e+02	3.636373e+03
[17656]	2.801756e+03	2.783627e+03	4.956255e+03	5.010730e+03	1.367684e+03
[17661]	6.480180e+03	2.010477e+03	2.021043e+03	5.769767e+03	6.378450e+03
[17666]	-5.900804e+02	1.893256e+03	1.526433e+03	4.425105e+03	4.260077e+03
[17671]	4.440513e+03	5.088187e+03	5.637871e+03	1.190464e+03	2.709740e+03

[17676]	3.245760e+03	1.346224e+03	4.046642e+03	2.775691e+03	2.083263e+03
[17681]	2.186543e+03	4.416326e+03	5.285876e+03	2.979714e+03	3.634326e+03
[17686]	1.265828e+03	4.097391e+03	-8.546531e+02	3.197553e+03	3.592819e+03
[17691]	3.614187e+03	3.278021e+03	4.148646e+03	6.197611e+03	3.508752e+03
[17696]	3.813633e+03	5.283270e+03	5.335353e+03	4.065818e+03	4.915299e+03
[17701]	4.971037e+03	2.918223e+03	1.960171e+03	5.323618e+03	9.329833e+02
[17706]	2.128216e+03	2.660893e+03	4.637322e+03	4.256675e+03	4.393813e+03
[17711]	2.016130e+03	1.052860e+03	3.050045e+03	2.689454e+03	3.446287e+03
[17716]	4.699201e+03	4.066332e+03	6.738026e+03	4.788825e+03	2.334505e+03
[17721]	2.924420e+03	4.927539e+03	4.158021e+03	1.381136e+03	3.910556e+03
[17726]	4.465162e+03	4.538547e+03	2.690670e+03	1.818033e+03	2.068219e+03
[17731]	2.006831e+03	3.333661e+03	3.537331e+03	2.033353e+02	5.342588e+03
[17736]	4.185273e+03	4.734820e+03	1.796603e+03	4.295362e+03	3.873831e+03
[17741]	3.395708e+03	2.615324e+03	2.138992e+03	4.684682e+03	2.301637e+03
[17746]	4.030131e+03	3.894266e+03	3.118665e+03	3.160614e+03	3.982867e+03
[17751]	5.122718e+03	1.629963e+03	3.635523e+03	4.803814e+03	3.308183e+03
[17756]	2.783408e+03	4.799063e+03	3.475634e+03	3.961422e+03	2.643045e+03
[17761]	3.692348e+03	2.812728e+03	3.375488e+03	3.325173e+03	4.515510e+03
[17766]	2.894157e+03	1.952979e+03	2.844387e+03	5.574419e+03	5.405281e+03
[17771]	2.654525e+03	4.437222e+03	5.801044e+02	2.892143e+03	6.513464e+03
[17776]	1.442500e+03	1.694614e+03	2.381922e+03	3.347279e+03	1.571954e+03
[17781]	6.745270e+03	1.680310e+03	3.692905e+03	3.912034e+02	3.604524e+03
[17786]	2.148534e+03	1.873686e+03	2.668197e+02	2.370439e+03	3.491803e+03
[17791]	4.460571e+03	6.028276e+03	5.278238e+03	4.157110e+03	3.295695e+03
[17796]	2.406656e+03	2.384154e+03	6.557937e+03	5.234858e+03	2.832737e+03
[17801]	2.098538e+03	3.942808e+03	5.308649e+03	3.514481e+03	2.486140e+03
[17806]	-5.694207e+02	4.892808e+03	4.852996e+03	3.175771e+03	5.553674e+03
[17811]	6.503528e+03	1.239317e+03	4.901626e+03	3.732395e+03	2.780706e+03
[17816]	8.476138e+02	1.246073e+03	2.667558e+03	2.644328e+03	4.311566e+03
[17821]	4.074614e+03	2.982217e+03	3.906471e+03	4.085256e+03	3.316088e+03
[17826]	2.131612e+03	4.954085e+03	3.560324e+03	3.601754e+03	1.357647e+03
[17831]	2.695123e+03	4.061206e+03	3.139133e+03	1.911894e+03	2.446042e+03
[17836]	5.180037e+03	4.747837e+03	4.789873e+03	4.084914e+03	4.619015e+03
[17841]	2.171932e+02	1.100088e+03	1.809224e+03	1.573373e+03	4.503604e+03
[17846]	3.451207e+03	2.373820e+03	2.753309e+03	1.226339e+03	4.146192e+03
[17851]	4.451307e+03	4.416379e+03	3.636751e+03	1.867274e+03	4.261201e+03
[17856]	1.888984e+03	3.141769e+03	2.956785e+03	9.784392e+02	1.849213e+03
[17861]	6.663344e+02	4.662761e+03	1.783730e+03	3.811189e+03	2.174308e+03
[17866]	1.268335e+03	3.640401e+03	5.913796e+03	2.023085e+03	3.281001e+03
[17871]	4.012894e+03	1.266160e+03	3.255670e+03	3.967534e+03	1.730232e+03
[17876]	3.685415e+03	5.074925e+03	1.714919e+03	3.149906e+03	6.979999e+02
[17881]	4.462725e+03	3.101391e+03	1.622330e+03	3.201537e+03	2.837666e+03
[17886]	4.135762e+03	3.097913e+03	2.134641e+03	6.248229e+02	1.558660e+03

[17891]	2.811393e+03	1.812701e+00	2.500549e+03	3.554957e+03	3.741140e+03
[17896]	1.996786e+03	3.260678e+03	-4.984025e+02	3.938617e+03	5.826716e+03
[17901]	7.570399e+03	3.215302e+03	2.251668e+03	4.284160e+03	4.656157e+03
[17906]	2.324448e+03	1.173303e+03	4.195923e+03	4.666343e+03	2.703367e+03
[17911]	2.834241e+03	3.784911e+03	3.969442e+03	2.592666e+03	6.567264e+02
[17916]	3.352627e+03	1.677494e+03	4.113031e+03	1.722099e+03	1.852489e+02
[17921]	3.975201e+03	1.101828e+03	3.498480e+03	5.594602e+03	4.310132e+02
[17926]	2.542540e+03	2.855077e+03	2.991938e+03	3.880831e+03	4.531895e+03
[17931]	4.863580e+03	1.461374e+03	6.291952e+03	4.112967e+03	1.946148e+03
[17936]	4.555790e+03	5.586976e+03	3.255749e+03	2.026448e+03	5.488891e+03
[17941]	4.843169e+03	4.321814e+03	5.687595e+03	6.303921e+03	2.538938e+03
[17946]	2.602772e+03	2.616963e+03	4.020901e+03	4.041869e+03	6.559364e+03
[17951]	1.285615e+03	-9.985814e+02	3.371696e+03	3.378724e+03	4.019560e+03
[17956]	3.854713e+03	2.689077e+03	3.129151e+03	4.446542e+03	2.117449e+03
[17961]	5.512408e+03	3.472847e+03	2.049313e+03	4.715763e+03	2.228756e+03
[17966]	5.763459e+03	4.279691e+03	2.465330e+03	6.354646e+03	3.603166e+03
[17971]	1.619219e+03	5.151156e+03	3.708900e+03	5.404788e+03	1.133177e+03
[17976]	1.634100e+03	1.279610e+03	2.743514e+03	4.093900e+03	1.944086e+03
[17981]	2.596282e+03	3.688512e+03	1.025902e+03	3.077350e+03	3.249322e+03
[17986]	4.991310e+03	2.221253e+03	4.827818e+03	3.333748e+03	2.685738e+03
[17991]	1.992020e+03	5.103608e+03	5.564823e+03	9.277150e+02	3.563356e+03
[17996]	5.907897e+03	1.073380e+03	3.273366e+03	1.112715e+03	2.436783e+03
[18001]	1.654084e+02	3.780945e+03	2.879827e+03	2.175429e+03	2.238613e+03
[18006]	3.499986e+03	4.206241e+03	4.629693e+03	4.547422e+03	5.546748e+03
[18011]	2.740750e+03	-2.763546e+02	4.883452e+03	6.898036e+03	4.018151e+03
[18016]	1.760348e+03	3.629578e+03	4.711253e+03	1.891514e+03	1.995882e+03
[18021]	2.051619e+03	1.522993e+03	3.486651e+03	5.964296e+03	4.528000e+03
[18026]	2.164839e+03	2.423075e+03	2.411736e+03	3.586167e+03	3.041211e+03
[18031]	4.732472e+03	3.599641e+03	6.204888e+03	3.665164e+03	2.779343e+03
[18036]	3.231324e+03	1.411100e+03	2.819710e+02	2.791973e+03	9.017009e+02
[18041]	2.828187e+03	2.519059e+03	5.439204e+03	6.611351e+03	3.545859e+03
[18046]	2.189058e+03	4.018171e+03	1.841528e+03	4.522169e+03	4.248346e+03
[18051]	3.580716e+03	3.355870e+03	2.228821e+03	4.484668e+03	4.698924e+03
[18056]	4.580620e+03	2.276149e+03	4.598144e+03	3.452968e+03	2.690356e+03
[18061]	2.150647e+03	4.250244e+03	1.351700e+03	1.542611e+03	4.712952e+03
[18066]	3.466996e+03	1.139762e+03	2.954763e+03	8.625292e+02	4.661549e+03
[18071]	3.710759e+03	1.181236e+03	3.066175e+03	4.465370e+03	1.687405e+03
[18076]	3.125488e+03	3.443172e+03	3.646630e+03	2.145456e+03	4.496053e+03
[18081]	4.712615e+03	4.692252e+03	1.914232e+03	2.847083e+03	6.729418e+03
[18086]	4.548253e+03	6.729715e+03	3.044434e+03	4.093065e+03	-1.054795e+03
[18091]	4.495717e+03	4.480196e+03	5.118733e+03	1.205019e+03	3.281638e+03
[18096]	4.939842e+03	2.039452e+03	1.287687e+03	2.010861e+02	4.263010e+03
[18101]	1.669942e+03	2.881766e+03	3.016144e+03	5.581176e+03	4.174248e+03

[18106]	6.480426e+03	2.936043e+03	6.302348e+03	8.260040e+02	1.232402e+03
[18111]	2.132697e+03	3.356510e+03	4.546494e+03	2.182111e+03	3.757742e+03
[18116]	1.156821e+03	4.562530e+03	2.224720e+03	6.811605e+03	1.715206e+03
[18121]	5.713178e+03	-6.052566e+02	3.630857e+03	2.339951e+03	3.855357e+03
[18126]	3.241242e+03	3.418787e+03	1.196247e+03	3.165228e+03	2.223164e+03
[18131]	2.421692e+03	4.285223e+03	5.374466e+03	3.809477e+03	2.675202e+03
[18136]	2.371185e+03	1.897044e+03	1.876998e+03	5.664169e+03	1.597633e+03
[18141]	4.449218e+03	6.407579e+03	6.320988e+03	4.876072e+03	2.186383e+03
[18146]	3.634883e+03	1.463063e+03	4.118883e+03	4.414605e+03	5.683955e+03
[18151]	1.284376e+03	4.501193e+03	6.208035e+03	2.684227e+03	4.289310e+03
[18156]	3.185516e+03	2.834720e+03	4.262807e+03	2.074002e+03	3.898241e+03
[18161]	3.617373e+03	4.096735e+03	4.190861e+03	2.765605e+03	5.614716e+03
[18166]	3.044497e+03	1.285214e+03	3.660269e+03	4.427377e+03	2.696046e+03
[18171]	3.467241e+03	3.987457e+03	4.124900e+03	6.024609e+03	3.921059e+03
[18176]	2.308001e+03	4.142103e+03	2.815204e+03	3.773215e+03	3.429832e+03
[18181]	4.593090e+03	2.900069e+03	6.001290e+03	2.486319e+03	1.591894e+03
[18186]	3.702067e+03	8.775581e+02	1.837783e+03	4.894239e+03	2.781813e+03
[18191]	3.727013e+03	6.339293e+03	2.911920e+03	4.216229e+03	3.663230e+03
[18196]	2.834264e+03	2.120888e+03	3.517199e+03	3.156078e+02	9.387141e+02
[18201]	-6.047793e+02	2.948316e+03	4.930292e+03	2.851767e+03	1.917432e+02
[18206]	4.477570e+03	3.818997e+03	3.379618e+03	7.287978e+03	3.980527e+03
[18211]	2.234268e+03	2.734111e+03	4.174676e+03	3.514743e+03	4.286798e+03
[18216]	1.852848e+03	3.390899e+03	3.475178e+03	3.831490e+03	2.669599e+03
[18221]	5.320865e+03	3.272163e+03	1.963695e+03	5.522939e+03	2.245686e+03
[18226]	2.113997e+03	2.281368e+03	4.868403e+03	5.061692e+03	2.474358e+03
[18231]	4.028627e+03	3.718421e+03	-3.301187e+02	1.751556e+03	3.338802e+03
[18236]	2.863796e+03	1.147914e+03	4.563881e+03	1.648454e+03	4.127847e+03
[18241]	3.969201e+03	2.947033e+03	2.653881e+03	9.373852e+02	2.129259e+03
[18246]	2.211762e+03	1.104330e+03	2.140299e+03	3.526053e+03	1.819282e+03
[18251]	2.625461e+03	5.938799e+03	2.874724e+03	3.059234e+03	2.724003e+03
[18256]	2.292171e+03	5.827244e+03	3.256811e+03	5.717729e+03	4.575041e+03
[18261]	1.286288e+03	1.375123e+03	5.492535e+02	2.429562e+03	2.241339e+03
[18266]	3.124030e+03	2.903327e+03	1.836797e+03	4.491647e+03	3.239820e+03
[18271]	4.301445e+03	-3.347509e+01	4.123301e+03	1.840739e+03	4.034496e+03
[18276]	5.257691e+03	3.264218e+03	3.569632e+03	2.478089e+03	3.307753e+03
[18281]	2.877535e+03	1.737524e+03	4.736291e+03	4.016018e+03	1.366286e+03
[18286]	2.951848e+03	4.705704e+03	2.755752e+03	2.995247e+03	2.245983e+03
[18291]	3.684888e+03	2.758200e+03	3.191403e+03	2.932307e+03	1.986657e+03
[18296]	5.571696e+03	2.320123e+03	5.442600e+03	3.315536e+03	1.450153e+03
[18301]	5.670231e+03	3.216058e+03	2.246776e+03	5.883701e+03	2.325328e+03
[18306]	1.393930e+03	3.033276e+03	2.844624e+03	2.222770e+03	1.015563e+03
[18311]	1.326751e+03	2.254508e+03	2.013268e+03	6.880306e+03	2.693965e+03
[18316]	4.044740e+03	2.798526e+03	1.593576e+03	5.324231e+03	4.217489e+03

[18321]	3.516269e+03	1.632548e+03	7.469095e+03	2.708872e+03	4.231264e+03
[18326]	3.963560e+03	6.664464e+03	6.067287e+03	4.733248e+03	5.733085e+03
[18331]	3.968463e+03	3.146831e+03	6.600492e+02	2.327047e+03	2.138174e+03
[18336]	6.254998e+03	3.068368e+03	6.006788e+03	2.648677e+03	2.197692e+03
[18341]	3.318285e+03	4.207170e+03	2.402731e+02	-3.172261e+02	6.272545e+03
[18346]	4.783883e+03	3.002189e+03	3.190094e+03	4.652094e+03	2.888822e+03
[18351]	1.399084e+03	4.620738e+03	4.391442e+03	1.770998e+03	2.960717e+03
[18356]	3.602413e+03	5.257129e+03	3.029513e+03	1.279553e+03	4.186066e+03
[18361]	5.467473e+03	1.590730e+03	3.018714e+03	3.972550e+03	3.020003e+03
[18366]	4.252260e+03	3.531665e+03	3.024472e+03	2.587167e+03	5.016125e+03
[18371]	2.296769e+03	3.560220e+03	1.537390e+03	2.089601e+03	4.914007e+03
[18376]	3.261685e+03	5.525724e+03	4.554584e+03	1.089947e+03	2.975217e+03
[18381]	5.929645e+02	2.382129e+03	2.572572e+03	6.456746e+03	4.731565e+03
[18386]	1.190033e+03	3.120721e+03	1.577211e+03	3.295317e+03	1.976775e+03
[18391]	4.979952e+03	3.146439e+03	2.080298e+03	1.570967e+02	9.949757e+02
[18396]	3.835721e+03	3.505182e+03	1.660697e+03	3.177351e+03	6.125844e+03
[18401]	4.358828e+03	2.582588e+03	3.728762e+03	3.457990e+03	3.255135e+03
[18406]	3.419023e+03	3.644627e+03	2.739837e+03	7.595994e+02	8.548876e+02
[18411]	4.587733e+02	1.592914e+03	3.061544e+03	3.054426e+03	2.258190e+03
[18416]	1.413915e+03	2.101999e+03	5.845109e+03	3.213398e+03	2.819934e+03
[18421]	4.219644e+03	4.432800e+03	3.986276e+03	2.327612e+03	1.899384e+03
[18426]	6.046519e+03	2.727383e+03	3.334498e+03	-1.380415e+02	4.653727e+03
[18431]	3.465640e+03	2.913773e+03	3.084361e+03	3.770876e+03	5.519238e+03
[18436]	3.824854e+03	3.530455e+03	2.746457e+03	4.092875e+03	3.129355e+03
[18441]	3.488537e+03	3.164363e+03	2.427629e+03	5.026657e+03	4.311278e+03
[18446]	1.452317e+03	4.467441e+03	5.032422e+03	2.630468e+03	1.993892e+03
[18451]	4.448243e+03	2.886190e+03	2.154136e+03	2.348975e+03	3.656348e+03
[18456]	2.241537e+03	2.793556e+03	3.623551e+03	3.957340e+03	6.658902e+02
[18461]	3.544333e+03	4.445080e+03	3.922872e+03	2.920423e+03	4.363605e+03
[18466]	5.293170e+03	2.680075e+03	2.592308e+03	4.057581e+03	3.743697e+03
[18471]	3.115278e+03	2.819661e+03	1.249534e+03	3.320897e+03	6.600751e+02
[18476]	4.421085e+03	4.388195e+03	4.371564e+03	3.540624e+03	1.674395e+03
[18481]	3.087120e+03	2.268872e+03	3.766741e+03	4.144407e+03	1.798048e+03
[18486]	3.221884e+03	1.935613e+03	3.562557e+03	2.542394e+03	5.737013e+03
[18491]	4.888130e+03	3.332338e+03	3.169904e+03	5.332430e+03	3.237019e+03
[18496]	3.873975e+03	4.982702e+03	3.459562e+03	8.321175e+02	4.271236e+03
[18501]	3.569670e+03	1.044300e+03	4.008222e+03	2.812934e+03	1.679633e+03
[18506]	2.508322e+03	3.148621e+03	4.658230e+03	5.423345e+03	3.211985e+03
[18511]	4.363681e+03	1.402053e+03	1.708864e+03	6.525400e+03	5.987847e+03
[18516]	1.450453e+03	1.077070e+02	3.190281e+03	2.732161e+03	7.810864e+03
[18521]	2.095317e+03	1.282116e+03	6.299167e+03	2.897447e+03	1.519644e+03
[18526]	3.953406e+03	5.659468e+02	3.391026e+03	3.276513e+03	6.053585e+03
[18531]	5.751752e+03	-2.758818e+02	5.678724e+02	6.486659e+02	3.760512e+02

[18536]	2.214905e+03	1.356625e+03	3.477280e+03	3.649473e+03	3.424339e+03
[18541]	2.631895e+03	4.519635e+03	2.098421e+03	2.677598e+03	3.926234e+03
[18546]	2.839324e+03	1.712050e+03	2.837359e+03	2.282523e+03	4.042248e+03
[18551]	3.604646e+03	1.858009e+03	4.800564e+03	1.751603e+03	3.855010e+03
[18556]	1.732363e+03	1.266310e+03	5.414374e+02	3.341398e+03	3.886543e+03
[18561]	5.741567e+03	5.811010e+03	4.359936e+03	1.317289e+03	3.872044e+03
[18566]	3.381304e+03	3.248084e+03	2.635000e+03	2.795641e+03	2.848769e+03
[18571]	1.045240e+03	2.643478e+03	4.774694e+03	4.347681e+03	4.022072e+03
[18576]	3.819889e+03	5.579366e+03	4.829505e+03	2.712699e+03	1.444319e+03
[18581]	2.425898e+03	1.964027e+03	7.659307e+02	4.592402e+02	3.435688e+03
[18586]	3.851351e+03	6.425511e+03	3.792218e+03	3.158371e+03	3.191995e+03
[18591]	3.944927e+03	3.468739e+03	3.553110e+03	4.080547e+03	3.965416e+03
[18596]	2.355451e+03	5.060239e+03	5.009929e+03	3.187497e+03	2.849438e+03
[18601]	3.876641e+03	1.581876e+03	3.297553e+03	2.004802e+03	5.646918e+01
[18606]	3.920298e+03	3.151156e+03	5.146306e+03	3.171561e+03	4.352305e+03
[18611]	1.533824e+03	3.150833e+03	4.769536e+03	5.350299e+03	3.420494e+03
[18616]	2.622644e+03	2.379329e+03	5.947578e+03	6.351836e+03	4.550914e+03
[18621]	9.416920e+02	3.690967e+03	3.103182e+03	4.387219e+03	3.269605e+03
[18626]	3.483965e+03	5.539153e+03	4.495361e+03	5.298318e+03	3.104057e+03
[18631]	3.263956e+03	3.128448e+03	2.397804e+03	4.334326e+03	2.869691e+03
[18636]	1.930868e+03	3.604548e+03	3.381647e+03	3.464572e+03	2.245570e+03
[18641]	2.149996e+03	4.141218e+03	4.889356e+03	4.776385e+03	7.473102e+02
[18646]	1.458625e+03	2.057421e+03	2.065933e+03	3.749178e+03	3.553264e+03
[18651]	3.749225e+03	6.293344e+03	2.551890e+03	-6.781840e+02	3.854564e+03
[18656]	1.459508e+02	3.199457e+03	5.143625e+03	4.193762e+03	5.682457e+03
[18661]	5.610634e+03	2.205889e+03	2.664920e+03	-2.459618e+01	5.681872e+02
[18666]	5.343708e+03	5.565245e+03	2.960498e+03	-7.417658e+02	3.120815e+03
[18671]	3.825436e+03	3.184350e+03	5.187023e+03	4.175437e+03	1.201212e+03
[18676]	1.096529e+03	2.577634e+03	3.764040e+03	4.121354e+03	2.653676e+03
[18681]	2.482266e+03	1.979743e+03	3.330253e+03	4.125415e+03	3.493119e+03
[18686]	4.720914e+03	5.519224e+03	3.648058e+03	2.418154e+03	3.232283e+03
[18691]	5.379437e+02	5.292470e+03	4.352811e+03	4.247685e+03	2.392254e+03
[18696]	3.175312e+03	1.705873e+03	2.300928e+03	4.469177e+03	5.076151e+03
[18701]	3.679774e+02	1.513686e+03	2.762468e+03	3.184689e+03	2.954814e+03
[18706]	6.654727e+02	4.287742e+03	2.532636e+03	4.409070e+03	4.454957e+03
[18711]	4.839597e+03	3.797208e+03	5.369528e+03	3.940898e+03	8.689364e+02
[18716]	2.076216e+03	1.264179e+03	2.939501e+03	2.091669e+03	3.810401e+03
[18721]	2.629021e+03	2.405438e+03	1.242318e+03	3.289013e+03	4.285515e+03
[18726]	3.635371e+03	3.603752e+03	2.878560e+03	1.772994e+03	4.624825e+03
[18731]	3.671892e+03	6.278828e+03	3.877892e+03	3.043356e+03	3.394676e+03
[18736]	3.310513e+03	1.646662e+03	2.533531e+03	3.783464e+03	4.159882e+02
[18741]	3.481571e+03	3.908768e+03	1.428467e+03	5.468378e+03	2.539450e+03
[18746]	2.759916e+03	6.431185e+02	4.489371e+03	3.976028e+03	3.071706e+03



[18751]	1.541150e+03	2.483938e+03	4.392065e+03	1.434155e+03	3.746888e+03
[18756]	4.014634e+03	3.447735e+03	1.715890e+03	2.762708e+03	1.029705e+03
[18761]	7.094961e+02	2.120266e+03	4.426382e+03	2.058967e+03	4.408520e+03
[18766]	2.486168e+03	1.039363e+03	1.876928e+03	-1.644721e+01	3.156491e+03
[18771]	5.280227e+03	2.650052e+03	3.113480e+03	4.373396e+03	4.144124e+03
[18776]	1.262361e+03	2.939879e+03	3.694186e+03	1.793042e+03	4.541196e+03
[18781]	3.017374e+03	1.514782e+03	2.755542e+03	1.894250e+03	6.223201e+02
[18786]	3.982563e+03	4.838314e+03	1.752295e+03	8.001000e+02	3.984844e+03
[18791]	4.278422e+03	4.366711e+02	3.963674e+03	1.105562e+03	3.103311e+03
[18796]	3.729598e+03	4.050437e+03	1.991632e+03	3.650467e+03	2.556285e+03
[18801]	7.253998e+03	4.792873e+03	4.748068e+03	1.924784e+03	2.831628e+03
[18806]	3.630190e+03	3.268798e+03	3.033857e+03	5.752827e+03	2.436802e+03
[18811]	3.545337e+03	4.439761e+03	2.982336e+03	-6.151070e+02	3.279493e+01
[18816]	2.768032e+03	3.126259e+03	5.129076e+03	4.933433e+03	4.821049e+03
[18821]	2.621872e+03	2.289076e+03	4.549905e+03	3.500932e+03	3.115774e+03
[18826]	3.512935e+03	3.477090e+03	2.482179e+03	4.325947e+03	3.662138e+03
[18831]	5.487343e+03	3.085089e+03	1.731393e+03	3.766868e+03	4.271547e+03
[18836]	3.672748e+03	4.997038e+03	2.482508e+03	4.460529e+03	1.290077e+03
[18841]	3.457260e+03	3.252127e+03	5.288093e+03	1.938243e+03	2.433122e+03
[18846]	3.062048e+03	2.356516e+03	3.889158e+03	4.647380e+03	3.298857e+03
[18851]	4.887688e+03	-1.345042e+03	6.155271e+02	5.974181e+03	4.478976e+03
[18856]	2.801561e+03	4.704556e+02	2.042776e+03	2.713764e+03	1.872563e+03
[18861]	3.037568e+03	2.110351e+03	4.110796e+03	3.675787e+03	3.817634e+03
[18866]	4.140518e+03	7.635042e+03	3.505151e+03	5.725858e+02	1.363671e+03
[18871]	2.355121e+03	7.843589e+02	4.157368e+03	1.428495e+03	3.573533e+03
[18876]	3.685647e+03	5.745171e+03	3.287738e+03	1.666154e+03	1.625941e+03
[18881]	2.858267e+03	5.705259e+03	2.038008e+03	2.982476e+03	1.906333e+03
[18886]	2.762084e+03	1.838533e+03	3.757778e+01	2.322947e+03	3.994536e+03
[18891]	3.435263e+02	2.807448e+03	1.480903e+03	9.498914e+02	6.055591e+03
[18896]	2.348232e+03	1.848403e+03	6.794292e+03	6.754680e+03	4.792876e+03
[18901]	2.523955e+03	1.632972e+03	2.301896e+03	3.364958e+03	1.250773e+03
[18906]	1.804392e+03	2.823877e+03	1.694345e+03	4.365967e+03	2.844631e+03
[18911]	9.434251e+02	2.486335e+03	2.822546e+03	2.414536e+03	2.593686e+03
[18916]	2.233642e+03	2.329507e+03	3.247484e+03	4.503044e+03	2.179013e+03
[18921]	4.107055e+03	2.081673e+03	3.301155e+03	5.511849e+03	3.796966e+03
[18926]	3.585599e+03	3.689228e+03	3.393442e+03	5.209881e+03	3.167368e+03
[18931]	2.824751e+03	2.159316e+02	2.279379e+03	1.875922e+03	-3.810672e+02
[18936]	2.518508e+03	1.700614e+03	1.932501e+03	4.059155e+03	4.157606e+03
[18941]	2.606822e+03	5.139532e+03	2.808635e+03	2.757119e+03	2.980031e+03
[18946]	7.461014e+03	2.038801e+03	2.227050e+03	4.671273e+03	4.415076e+03
[18951]	2.347419e+03	1.202252e+03	5.233402e+03	4.344164e+03	3.233593e+03
[18956]	5.379037e+03	3.312170e+03	1.408162e+03	4.572355e+02	2.431973e+03
[18961]	2.962211e+03	3.071251e+03	3.484529e+03	2.996257e+03	4.416120e+03

[18966]	3.135078e+03	3.617247e+03	3.673059e+03	-5.291360e+02	4.706554e+03
[18971]	2.101099e+03	2.643470e+03	7.326869e+03	2.935906e+03	2.586542e+03
[18976]	1.425501e+03	4.706841e+03	8.507805e+02	4.227486e+03	4.032040e+03
[18981]	3.938313e+03	4.795552e+03	3.519751e+03	1.522008e+03	4.236213e+03
[18986]	4.054119e+03	4.989605e+03	2.921821e+03	3.138181e+03	3.408004e+03
[18991]	6.580390e+03	3.136972e+03	2.677759e+03	2.935964e+03	4.411167e+02
[18996]	2.146641e+03	4.478462e+03	5.302560e+03	4.099559e+03	4.021020e+03
[19001]	2.327362e+03	4.073751e+03	4.581402e+03	2.197030e+03	1.988387e+03
[19006]	6.470509e+03	3.027400e+03	1.950472e+03	1.927306e+03	3.109312e+03
[19011]	2.709129e+03	3.098679e+03	2.840961e+03	4.066123e+03	2.992973e+03
[19016]	1.731783e+03	1.387960e+03	4.265377e+03	1.459869e+03	3.710379e+03
[19021]	3.002660e+03	3.657141e+03	4.961916e+02	6.341691e+03	3.105025e+03
[19026]	1.066822e+03	2.903055e+03	3.499000e+03	4.151681e+03	1.935509e+03
[19031]	3.840005e+03	3.897376e+03	3.829994e+03	4.501745e+03	8.026327e+02
[19036]	4.646188e+03	4.929589e+03	1.098116e+03	4.864372e+03	1.991677e+03
[19041]	5.689892e+03	4.552374e+03	1.234209e+03	5.667130e+03	2.285650e+03
[19046]	4.675983e+02	2.980818e+03	3.304243e+03	3.530154e+03	2.648675e+03
[19051]	2.937909e+03	5.839780e+03	4.407627e+03	3.048740e+03	5.002025e+03
[19056]	2.796092e+03	2.914078e+03	4.466507e+03	3.879257e+03	2.118220e+03
[19061]	3.684305e+03	4.219938e+03	5.442135e+03	1.512926e+03	2.602248e+03
[19066]	4.208477e+03	2.576048e+03	3.130888e+03	5.239476e+03	6.143578e+03
[19071]	3.355228e+03	5.171466e+02	5.911910e+02	4.467014e+03	1.824994e+03
[19076]	1.474787e+02	2.960723e+03	3.203287e+03	2.839019e+03	3.205141e+03
[19081]	3.747298e+03	4.455472e+03	1.827379e+03	3.974646e+02	5.021033e+03
[19086]	3.032239e+03	3.594688e+03	2.577987e+03	5.305517e+03	4.910030e+03
[19091]	2.326123e+03	1.675949e+03	3.031959e+03	4.782281e+03	6.037479e+03
[19096]	9.990422e+02	1.049356e+03	4.118092e+03	2.517826e+03	5.650964e+03
[19101]	4.449849e+03	5.433290e+03	3.851648e+03	4.478859e+03	4.074133e+03
[19106]	5.179909e+03	1.718838e+03	4.972991e+03	4.259158e+03	5.740594e+03
[19111]	5.804021e+03	2.567871e+03	-7.137612e+02	2.995131e+03	5.548090e+03
[19116]	1.644615e+03	3.322763e+03	3.301518e+03	5.220597e+03	6.663179e+03
[19121]	3.029143e+03	4.392646e+03	6.089488e+02	5.547964e+03	4.324258e+03
[19126]	6.226690e+02	2.297279e+03	3.938902e+03	1.668860e+03	1.832709e+03
[19131]	2.107030e+03	-7.143811e+02	4.463001e+03	4.704516e+03	1.322948e+03
[19136]	1.273797e+03	4.689549e+03	3.033933e+03	1.755956e+03	4.318608e+03
[19141]	3.451323e+03	3.707064e+03	2.775052e+03	3.981113e+03	4.198866e+03
[19146]	1.602296e+03	2.759591e+03	4.493052e+03	6.142598e+03	3.791048e+03
[19151]	2.957397e+03	5.701053e+03	1.634154e+03	2.271549e+03	2.514441e+03
[19156]	1.649690e+03	3.598994e+03	3.788429e+03	3.284113e+03	1.508754e+03
[19161]	3.601542e+03	-8.526512e+02	6.998034e+03	2.613394e+03	5.367031e+03
[19166]	2.241699e+03	2.212585e+03	5.572352e+03	2.279463e+03	1.803798e+03
[19171]	3.672288e+03	7.147783e+02	1.717074e+03	3.847054e+03	4.816034e+03
[19176]	3.802155e+03	5.182551e+03	1.598091e+03	2.058796e+03	2.253474e+03

[19181]	2.882357e+03	3.151769e+03	1.746288e+03	-2.078070e+02	3.258568e+03
[19186]	1.362825e+03	2.377681e+03	5.386041e+03	3.538417e+03	4.737438e+03
[19191]	3.037316e+03	1.964107e+03	3.829594e+03	1.022658e+03	3.709031e+03
[19196]	6.688282e+03	1.964829e+03	3.050144e+03	4.012783e+03	3.933960e+03
[19201]	3.357359e+03	4.506476e+01	2.340450e+03	2.940976e+03	4.082761e+03
[19206]	2.610785e+03	2.181549e+03	6.668302e+02	4.412018e+03	3.886457e+03
[19211]	3.794457e+03	2.039500e+03	3.325465e+03	4.594571e+03	3.349950e+03
[19216]	4.767157e+03	2.222629e+03	5.558834e+03	4.058867e+03	3.045803e+02
[19221]	3.518111e+03	4.383257e+03	5.693472e+03	5.042807e+03	1.691183e+03
[19226]	1.091496e+03	3.451366e+03	2.822723e+03	5.007577e+03	1.860367e+03
[19231]	1.227708e+03	3.778131e+03	5.152415e+03	5.942679e+03	2.422762e+03
[19236]	3.069560e+03	2.193259e+03	2.891543e+03	3.866001e+03	2.231981e+03
[19241]	5.315631e+03	3.663813e+03	2.092402e+03	1.399530e+03	5.981252e+02
[19246]	1.077047e+03	6.242879e+03	2.531910e+03	6.823761e+02	4.478853e+03
[19251]	3.738078e+03	1.783438e+03	1.909157e+03	3.864681e+03	4.575519e+03
[19256]	3.382562e+03	6.073544e+03	1.902413e+03	5.505382e+03	2.918128e+03
[19261]	2.550042e+03	3.508432e+03	4.030833e+03	4.569692e+03	5.640797e+03
[19266]	1.991268e+03	2.732521e+03	1.875274e+03	4.213049e+03	2.432787e+03
[19271]	1.980092e+03	1.925344e+03	6.377654e+03	2.695333e+03	3.159372e+03
[19276]	3.480098e+03	1.911002e+03	2.644405e+03	5.463667e+03	1.848504e+03
[19281]	2.562425e+03	3.098122e+03	3.263616e+03	2.815896e+03	2.716345e+03
[19286]	5.712448e+03	3.014126e+03	2.958743e+03	5.213320e+03	3.341352e+03
[19291]	2.118015e+03	1.410486e+03	3.184666e+03	2.325313e+03	1.598286e+03
[19296]	1.817269e+03	4.584857e+03	2.328092e+03	4.862116e+03	-9.124009e+02
[19301]	4.337262e+03	5.697238e+03	4.805903e+03	2.692520e+03	1.541966e+03
[19306]	1.408370e+03	1.956470e+03	3.942649e+03	4.183429e+03	3.038251e+03
[19311]	2.806049e+03	2.976068e+03	2.158189e+03	3.253636e+03	2.878482e+03
[19316]	2.873640e+03	3.397608e+03	5.233704e+03	1.947053e+03	6.370163e+03
[19321]	2.000557e+03	1.334855e+03	3.129081e+03	2.311570e+03	3.753313e+03
[19326]	1.206616e+03	4.877647e+03	5.524561e+03	3.729628e+03	3.211297e+03
[19331]	3.275504e+03	1.883246e+03	4.861555e+03	3.026318e+03	3.668767e+03
[19336]	1.921327e+03	4.531884e+03	5.854386e+03	4.339938e+03	2.452427e+03
[19341]	5.205861e+03	3.130327e+03	3.862604e+03	1.458665e+03	2.675689e+03
[19346]	1.329248e+03	2.760761e+03	4.363527e+03	2.796947e+03	4.150595e+03
[19351]	4.837707e+03	2.975346e+03	3.161096e+03	5.951412e+03	4.558134e+03
[19356]	3.036098e+03	3.448539e+03	2.759534e+03	2.441716e+03	3.570272e+03
[19361]	3.785679e+03	1.437442e+03	4.093856e+03	1.988290e+03	3.190053e+03
[19366]	1.886871e+03	4.267151e+02	1.228445e+03	4.449413e+03	3.293089e+03
[19371]	3.537665e+03	4.793720e+03	4.497376e+03	3.514468e+03	1.899342e+03
[19376]	2.029749e+03	4.005544e+03	5.230310e+03	-3.469136e+02	1.042499e+03
[19381]	1.762210e+03	2.177631e+03	1.799819e+03	4.778267e+03	4.168932e+03
[19386]	3.464344e+03	1.671394e+03	5.145273e+02	2.296617e+03	4.426042e+03
[19391]	3.838083e+03	5.424193e+03	5.545084e+03	4.087675e+03	3.257966e+03

[19396]	4.034922e+03	4.651296e+03	1.589043e+03	2.383955e+03	4.032806e+03
[19401]	1.805791e+03	5.539321e+02	1.410704e+03	1.534493e+03	5.078406e+03
[19406]	5.271382e+03	4.297183e+03	3.175661e+03	2.906048e+03	3.075257e+03
[19411]	1.592975e+03	2.028892e+03	5.242178e+03	4.220682e+03	4.505020e+03
[19416]	2.830469e+03	4.300431e+03	4.659856e+03	9.328107e+02	3.592288e+03
[19421]	3.191890e+03	4.258967e+03	5.102713e+02	2.854291e+03	3.120190e+03
[19426]	4.375335e+03	3.828451e+03	4.864629e+03	1.178535e+03	4.305368e+03
[19431]	2.732097e+03	4.223381e+03	5.483580e+03	2.457782e+03	3.562662e+03
[19436]	1.896683e+03	6.579752e+03	3.639167e+03	2.279751e+03	3.831549e+03
[19441]	2.095984e+03	1.703876e+03	3.973170e+03	4.605554e+03	4.659718e+03
[19446]	2.572737e+02	2.460375e+03	3.068263e+02	1.785687e+03	4.320805e+02
[19451]	4.937441e+03	2.799943e+03	4.086012e+03	1.360813e+02	1.163892e+03
[19456]	2.428258e+03	4.270390e+03	4.028903e+03	5.900137e+03	3.493943e+03
[19461]	3.583285e+03	5.506403e+03	2.550612e+03	2.853709e+03	2.202722e+03
[19466]	3.554234e+03	5.658448e+02	4.609226e+03	3.343958e+03	2.338796e+03
[19471]	3.052933e+03	1.809889e+03	2.974372e+03	8.425337e+02	2.514184e+03
[19476]	3.686591e+03	2.279154e+02	4.992082e+03	4.245829e+03	1.390948e+03
[19481]	4.036095e+03	4.167425e+03	2.734817e+03	4.092929e+03	3.172171e+03
[19486]	4.279533e+03	3.567798e+03	4.766747e+03	1.603648e+03	3.530345e+03
[19491]	4.552247e+03	4.269694e+03	3.586771e+03	1.803728e+03	4.640694e+03
[19496]	1.963725e+03	3.569689e+03	2.612548e+03	2.046571e+03	2.966476e+03
[19501]	1.767492e+03	3.885877e+03	2.408248e+03	3.558642e+03	5.650629e+03
[19506]	6.360424e+03	2.293928e+03	3.130233e+03	4.557209e+02	1.723711e+03
[19511]	6.164378e+03	1.836603e+03	1.286880e+03	3.682300e+03	4.404215e+03
[19516]	4.648367e+03	3.923879e+03	3.730240e+03	7.272599e+03	2.599716e+03
[19521]	5.409416e+03	1.195371e+02	-1.246863e+03	4.885744e+03	9.897754e+02
[19526]	2.507111e+03	3.685527e+03	3.191615e+03	1.383354e+03	2.643649e+03
[19531]	4.847795e+03	3.113996e+03	2.978474e+03	2.554752e+03	1.543669e+03
[19536]	-6.815261e+02	4.662592e+03	7.263735e+03	4.211433e+03	4.321861e+03
[19541]	2.738435e+03	3.266423e+03	2.136336e+03	1.761887e+03	2.957996e+03
[19546]	5.468738e+03	4.728044e+03	3.630344e+03	4.053792e+03	4.232301e+03
[19551]	4.879909e+03	3.464784e+03	3.693430e+03	3.637591e+03	6.358005e+03
[19556]	4.311534e+03	4.429523e+03	2.046761e+03	2.633202e+03	3.485277e+03
[19561]	2.656697e+03	4.488029e+03	2.539254e+03	1.993726e+03	2.292166e+03
[19566]	1.190656e+03	2.364925e+03	4.398441e+03	4.189561e+03	1.972332e+03
[19571]	4.951971e+03	3.525716e+03	3.945465e+03	3.002746e+03	2.616305e+03
[19576]	4.743759e+03	6.254740e+03	6.147659e+03	3.581616e+03	2.739380e+03
[19581]	3.947389e+03	5.586071e+03	2.963691e+03	4.016423e+03	3.694691e+03
[19586]	1.421110e+03	3.131055e+03	3.322442e+03	4.775918e+03	1.869477e+03
[19591]	2.463638e+03	3.442886e+03	6.131676e+03	1.811686e+03	3.146522e+03
[19596]	3.446186e+03	4.254767e+03	3.015186e+03	2.656131e+03	2.466174e+03
[19601]	3.558132e+03	3.317903e+02	3.203220e+03	4.479582e+03	5.575632e+03
[19606]	2.995923e+03	6.079212e+03	4.499517e+03	5.356057e+03	4.278197e+03

[19611]	3.118976e+03	6.923049e+02	4.081830e+03	5.313222e+03	4.105418e+03
[19616]	2.002541e+03	2.840773e+03	1.730889e+03	3.481823e+03	6.257835e+03
[19621]	2.864716e+03	4.115933e+03	4.278104e+03	4.023596e+03	3.971282e+03
[19626]	1.668692e+03	1.577535e+03	5.973435e+03	4.350760e+03	2.819740e+03
[19631]	1.139488e+03	4.627214e+03	2.745464e+03	2.887437e+03	2.218705e+03
[19636]	3.824553e+03	4.545054e+03	8.756023e+02	3.738868e+03	2.006309e+03
[19641]	1.807824e+03	3.617414e+03	3.659867e+03	1.969767e+03	2.425274e+03
[19646]	1.992081e+03	5.368456e+03	3.843618e+03	3.836774e+03	8.477331e+02
[19651]	2.604822e+03	-3.672233e+02	3.821999e+03	3.748750e+03	4.396661e+03
[19656]	3.552524e+03	3.147298e+03	-3.614073e+02	6.178164e+03	4.591007e+03
[19661]	8.121237e+02	3.724251e+03	1.733960e+03	4.217986e+03	1.297372e+03
[19666]	3.330547e+03	7.066753e+03	2.121139e+03	3.773992e+03	1.598441e+03
[19671]	2.939798e+03	3.161372e+03	2.990676e+03	3.118765e+03	3.833560e+03
[19676]	4.651556e+03	4.852417e+03	1.395134e+03	3.299702e+03	2.188773e+03
[19681]	4.202890e+03	3.621193e+03	3.807208e+03	3.564982e+03	2.939447e+03
[19686]	5.430336e+03	1.799799e+03	4.017606e+03	1.869054e+03	8.331246e+02
[19691]	4.083194e+03	2.311829e+03	3.694917e+03	4.511189e+03	3.408274e+03
[19696]	4.958703e+03	4.587524e+03	2.873445e+03	2.752550e+03	3.156349e+03
[19701]	7.651812e+02	2.618155e+03	2.917465e+03	1.337107e+03	1.818212e+03
[19706]	3.721931e+03	2.789134e+03	1.590709e+03	4.749243e+03	2.518585e+03
[19711]	1.932435e+02	3.753618e+03	2.304809e+03	2.344195e+03	4.964062e+03
[19716]	1.344821e+03	4.670488e+03	3.090011e+03	2.315208e+03	4.235710e+03
[19721]	5.373083e+03	5.554658e+03	6.316316e+03	1.975196e+03	3.486192e+03
[19726]	2.905497e+03	4.055087e+03	5.053666e+03	1.978124e+03	5.415937e+03
[19731]	4.204300e+03	1.277329e+03	2.414995e+03	1.555779e+02	1.856970e+03
[19736]	7.783950e+03	6.339226e+03	2.090919e+03	4.212103e+03	3.966431e+03
[19741]	2.621937e+03	1.439159e+03	1.437651e+03	2.686541e+03	5.411165e+03
[19746]	5.198608e+03	2.304024e+03	2.637859e+03	4.168357e+03	5.148133e+03
[19751]	2.295227e+03	6.007267e+03	4.060920e+03	2.757126e+03	-1.320835e+03
[19756]	2.939557e+03	5.302913e+03	1.476806e+03	2.987192e+03	2.884525e+03
[19761]	3.743520e+03	2.676746e+03	6.197769e+02	1.943516e+03	2.360544e+03
[19766]	5.049286e+03	7.960647e+03	5.732440e+03	-1.645278e+02	3.499033e+03
[19771]	4.342024e+03	4.482517e+03	2.385008e+03	4.396622e+03	3.462195e+03
[19776]	4.172118e+03	3.704948e+03	4.813454e+03	4.499028e+03	2.798091e+03
[19781]	3.238549e+03	5.817146e+02	5.040687e+03	1.601240e+03	2.040484e+03
[19786]	3.707287e+03	4.113711e+03	2.182795e+03	4.109735e+03	1.065670e+03
[19791]	2.397379e+03	5.811977e+03	4.146797e+03	2.380656e+03	6.817798e+03
[19796]	3.647847e+03	4.569393e+03	4.789899e+03	2.259246e+03	4.724139e+02
[19801]	2.506487e+03	1.454921e+03	2.509300e+03	2.348724e+03	1.942299e+03
[19806]	3.975248e+03	3.439526e+03	2.734353e+03	2.804691e+03	2.843119e+03
[19811]	1.652803e+03	3.674197e+03	4.245903e+03	5.334956e+03	1.963650e+03
[19816]	3.500024e+03	2.945321e+03	4.765100e+03	1.121888e+03	2.962494e+03
[19821]	4.238548e+03	5.425050e+03	2.594575e+03	4.184441e+03	2.725788e+03

[19826]	2.780106e+03	5.946906e+03	2.177762e+03	1.579189e+03	4.110038e+03
[19831]	2.805049e+03	2.201124e+03	4.482648e+02	4.655093e+03	3.956994e+03
[19836]	6.159268e+03	1.288160e+03	2.582011e+03	6.387043e+03	4.721682e+03
[19841]	3.887986e+03	5.554593e+03	3.057965e+03	4.545116e+03	4.291984e+02
[19846]	1.736476e+03	3.489282e+03	1.873694e+03	3.037491e+03	2.980985e+03
[19851]	4.500533e+03	3.221863e+03	3.714734e+03	5.105203e+03	4.276483e+03
[19856]	2.706301e+03	1.334846e+03	2.729659e+03	4.150708e+03	1.228381e+03
[19861]	1.076618e+03	1.696196e+03	4.355500e+03	2.878935e+03	2.913766e+03
[19866]	1.706149e+03	1.442255e+03	1.485659e+03	4.780071e+03	2.796334e+03
[19871]	4.914952e+03	5.734231e+03	1.522713e+03	1.954438e+03	5.314566e+03
[19876]	2.067738e+03	3.120147e+03	1.891622e+03	3.519057e+03	2.782754e+03
[19881]	5.782087e+03	4.587097e+03	3.941124e+03	4.988195e+03	2.553002e+03
[19886]	5.275720e+03	4.091558e+03	5.159248e+03	9.828375e+02	3.383022e+02
[19891]	4.108631e+03	1.689513e+03	3.660215e+03	4.721472e+03	3.922328e+03
[19896]	3.795118e+03	2.291877e+03	9.132955e+02	1.395467e+03	1.026425e+03
[19901]	1.563123e+03	1.862252e+03	4.354067e+03	3.955258e+03	3.354051e+03
[19906]	3.594714e+03	2.429537e+03	3.901656e+03	6.072184e+02	4.145247e+03
[19911]	3.326508e+03	1.163134e+03	-7.920652e+02	1.712634e+03	4.939187e+03
[19916]	4.440046e+03	5.502743e+03	2.130056e+03	6.616706e+03	4.414624e+03
[19921]	2.586513e+03	9.316034e+02	4.618549e+03	4.931601e+03	2.020591e+03
[19926]	2.425129e+03	2.512536e+03	3.974246e+03	5.189148e+03	6.068929e+03
[19931]	3.414477e+03	1.837969e+03	1.835493e+03	3.180820e+03	4.326291e+03
[19936]	4.124429e+03	4.371617e+03	2.948940e+03	3.685352e+03	1.771234e+03
[19941]	6.182093e+03	4.008619e+03	2.658800e+03	3.170359e+03	4.455956e+03
[19946]	1.583582e+03	1.463375e+03	2.997623e+03	8.616534e+02	-2.788121e+02
[19951]	4.258288e+03	3.619958e+03	1.815425e+03	4.245510e+03	1.846865e+03
[19956]	5.299018e+03	1.719412e+03	5.737388e+02	3.572963e+03	5.839644e+03
[19961]	1.232518e+03	2.612292e+01	5.114481e+03	5.111877e+03	3.827795e+03
[19966]	5.223738e+02	3.487904e+03	1.970925e+03	4.781181e+03	2.234950e+03
[19971]	3.246343e+03	2.317286e+03	3.203101e+03	4.484263e+03	8.522400e+02
[19976]	3.101872e+03	3.542147e+03	4.303430e+03	3.024798e+03	3.709961e+03
[19981]	2.879556e+03	2.288612e+02	3.888500e+03	1.886394e+03	4.844206e+03
[19986]	5.138543e+03	4.960558e+03	3.636824e+03	3.058406e+03	3.106058e+03
[19991]	4.113034e+03	1.883105e+03	1.632857e+03	6.007281e+03	4.146260e+03
[19996]	1.726423e+03	1.934996e+03	3.373167e+03	2.853941e+03	2.917000e+03
[20001]	2.961971e+03	1.389130e+03	3.855165e+03	2.738829e+03	1.607564e+03
[20006]	6.310417e+03	4.192214e+03	-6.546498e+02	5.148280e+03	2.106082e+03
[20011]	2.605954e+03	4.184932e+03	3.231376e+03	3.353378e+03	4.177279e+03
[20016]	2.521696e+03	3.540501e+03	4.382611e+03	4.020002e+03	1.152379e+03
[20021]	1.706159e+03	3.155301e+03	4.770167e+03	1.879207e+03	3.796821e+03
[20026]	3.438656e+03	3.438911e+03	3.788960e+03	5.211253e+03	2.843925e+03
[20031]	6.966963e+03	4.665137e+03	3.302300e+03	6.747196e+03	3.910566e+03
[20036]	7.002653e+03	4.099211e+03	2.869411e+03	1.790988e+03	4.249031e+03

[20041]	5.936340e+03	4.301918e+03	2.817272e+03	3.262237e+03	1.651815e+03
[20046]	1.166499e+03	3.585123e+03	2.778075e+03	4.119140e+03	6.016519e+03
[20051]	2.354865e+03	4.552426e+03	4.522004e+03	2.747185e+03	3.509907e+03
[20056]	9.023306e+02	1.837309e+03	6.638285e+03	5.029095e+03	4.665757e+03
[20061]	3.566622e+03	3.121566e+03	5.092094e+03	3.780199e+03	5.292060e+02
[20066]	2.394131e+03	4.007333e+03	4.599727e+03	1.787338e+03	5.075501e+03
[20071]	7.353195e+02	4.282757e+03	1.817142e+03	4.192060e+03	3.100547e+03
[20076]	3.003682e+03	1.443021e+03	6.356688e+03	4.619814e+03	2.252041e+03
[20081]	6.084215e+03	1.046404e+03	9.147119e+02	5.404954e+03	4.221908e+03
[20086]	2.620154e+03	2.182675e+03	2.325042e+03	3.187709e+03	2.800592e+03
[20091]	3.288946e+03	2.409418e+03	4.184887e+02	4.279036e+03	3.255596e+03
[20096]	7.495331e+02	3.090812e+03	1.911513e+03	4.671360e+03	6.063037e+03
[20101]	4.316704e+03	3.867419e+03	1.250137e+03	1.624196e+03	1.119040e+03
[20106]	5.036092e+03	4.494484e+03	3.772307e+03	5.728545e+03	6.282831e+03
[20111]	6.004608e+03	1.723616e+03	4.747454e+03	2.757956e+03	3.978491e+03
[20116]	1.888613e+03	1.973377e+03	3.670563e+03	1.597777e+03	2.919280e+03
[20121]	3.197533e+03	2.464440e+03	3.870577e+03	3.252717e+03	1.454376e+03
[20126]	4.140034e+03	2.996267e+03	3.167175e+03	4.383267e+03	1.779549e+03
[20131]	3.113167e+03	4.163979e+03	1.171728e+03	2.380238e+03	1.803016e+03
[20136]	2.059733e+02	2.814437e+03	5.010716e+03	4.015825e+02	3.047775e+03
[20141]	2.736285e+03	1.601325e+03	-1.190006e+03	2.612885e+03	4.496639e+03
[20146]	2.750648e+03	5.460338e+03	6.622385e+03	3.990270e+03	5.587889e+03
[20151]	3.474369e+03	2.511549e+03	3.057976e+03	2.613488e+03	2.988750e+03
[20156]	2.753777e+03	3.799240e+03	1.522765e+03	2.194188e+01	3.273064e+03
[20161]	3.399486e+03	9.612791e+02	1.023221e+03	1.108386e+03	2.885553e+03
[20166]	1.408610e+03	2.770439e+03	4.090248e+03	2.866940e+03	2.286126e+03
[20171]	4.842164e+03	1.677835e+03	4.651595e+03	5.500879e+03	2.962441e+03
[20176]	4.766804e+03	5.592547e+03	3.145422e+03	5.708758e+03	1.675140e+03
[20181]	3.074446e+03	4.034137e+03	2.349451e+03	5.074669e+03	3.675432e+03
[20186]	5.660776e+03	5.424225e+03	2.960775e+03	3.227377e+03	4.537249e+03
[20191]	6.015508e+03	2.718034e+03	4.366248e+03	2.642251e+03	1.910614e+03
[20196]	2.725142e+03	2.503583e+03	3.375921e+03	2.870339e+03	6.654467e+03
[20201]	2.611594e+03	3.544742e+03	4.441505e+03	2.696177e+03	3.676088e+03
[20206]	5.061357e+03	5.465489e+03	4.706368e+03	5.838830e+03	3.071578e+03
[20211]	4.108984e+03	3.123306e+03	3.708919e+03	2.372905e+03	2.168902e+03
[20216]	5.848368e+03	4.608168e+03	1.530511e+03	1.272599e+03	5.464952e+03
[20221]	6.611461e+03	3.350118e+03	5.621722e+03	3.119198e+03	2.335705e+03
[20226]	2.491514e+03	5.292106e+03	3.029842e+03	5.969352e+03	2.209199e+03
[20231]	5.429717e+03	1.878051e+03	3.712621e+03	2.624509e+03	2.457834e+03
[20236]	5.423699e+03	2.978308e+03	6.267612e+03	3.296437e+03	6.113034e+03
[20241]	2.075560e+03	3.126319e+03	4.454412e+03	4.402767e+03	4.433051e+03
[20246]	3.440554e+03	1.360250e+03	1.891983e+03	2.916274e+03	4.601100e+03
[20251]	3.309164e+03	1.067147e+03	3.947859e+03	5.355753e+03	2.016778e+03

[20256]	1.725480e+03	3.776860e+03	3.492566e+03	3.288130e+03	4.824548e+03
[20261]	3.312003e+03	2.221527e+03	3.591120e+03	3.766744e+03	2.073039e+03
[20266]	4.060970e+03	3.431861e+03	2.380786e+01	2.107735e+03	7.296942e+03
[20271]	3.600635e+03	3.016443e+03	2.994190e+03	1.300815e+03	2.745707e+03
[20276]	4.405904e+03	1.814143e+03	3.048482e+03	6.901446e+01	4.759625e+03
[20281]	1.771879e+03	2.442497e+03	1.825881e+03	4.829134e+03	4.069796e+03
[20286]	2.668797e+03	1.551426e+03	3.303056e+03	3.622096e+02	3.161674e+03
[20291]	3.059574e+03	3.331372e+03	4.950663e+03	3.003804e+03	3.331201e+02
[20296]	1.601421e+03	3.179200e+03	1.356054e+03	4.560431e+03	4.815673e+03
[20301]	3.083127e+03	3.229607e+02	3.071045e+03	2.152871e+03	-1.229710e+03
[20306]	1.997061e+03	2.984224e+03	3.811039e+03	2.746981e+03	3.130718e+03
[20311]	3.755184e+03	2.197647e+03	3.361196e+03	2.262466e+03	1.737898e+03
[20316]	3.142876e+03	2.016785e+03	3.726800e+03	3.396076e+03	2.177477e+03
[20321]	4.058351e+03	5.748188e+03	4.276898e+03	4.200122e+03	3.961642e+03
[20326]	2.610351e+02	4.227019e+03	2.474504e+03	2.768063e+03	5.430315e+03
[20331]	3.345545e+03	3.709432e+03	6.397057e+03	3.113426e+03	1.639430e+03
[20336]	4.216992e+03	3.009705e+01	4.853200e+03	4.518066e+03	-1.237547e+03
[20341]	1.568059e+03	1.776555e+03	3.873024e+03	4.741900e+03	2.344810e+03
[20346]	2.833038e+03	1.633085e+03	9.403312e+02	4.349871e+03	1.320547e+03
[20351]	2.147221e+03	4.213201e+03	5.345508e+03	3.295650e+03	2.792926e+03
[20356]	2.924172e+03	5.021554e+03	4.701231e+03	1.951779e+03	2.593055e+03
[20361]	2.611540e+03	3.152626e+03	3.268111e+03	4.117372e+03	3.787206e+03
[20366]	5.210987e+03	4.088668e+03	2.480019e+03	2.763056e+03	4.334334e+03
[20371]	3.402735e+03	-1.638367e+03	4.532005e+03	2.281633e+03	1.126175e+03
[20376]	2.870688e+03	1.907966e+03	5.313039e+03	-7.400957e+01	5.057213e+03
[20381]	1.462201e+03	4.361538e+03	3.729097e+03	5.502079e+03	3.917084e+03
[20386]	2.998064e+03	1.352199e+03	6.704681e+03	3.536474e+03	1.830321e+03
[20391]	7.042203e+03	-4.655944e+02	2.061820e+03	3.895994e+03	4.650369e+03
[20396]	2.718076e+03	6.969633e+03	4.243860e+03	8.957833e+02	2.833783e+03
[20401]	1.330419e+03	3.919938e+03	3.870382e+03	3.525392e+03	6.798639e+03
[20406]	5.324887e+02	4.032547e+03	3.285397e+03	2.848515e+03	2.592853e+03
[20411]	3.975741e+03	2.736144e+03	3.446183e+03	1.003646e+03	1.683403e+03
[20416]	2.761567e+03	4.347662e+03	2.448071e+03	3.215422e+03	3.499097e+03
[20421]	2.471334e+03	3.129547e+03	4.798404e+03	5.324106e+03	3.261288e+03
[20426]	3.975036e+03	9.147899e+02	2.071112e+03	4.336349e+03	4.500572e+03
[20431]	1.389503e+03	3.329559e+03	2.265406e+03	2.710194e+03	3.019057e+03
[20436]	3.253045e+03	3.728638e+03	2.690811e+03	4.592345e+03	5.547516e+03
[20441]	3.721296e+03	2.261949e+03	3.619679e+03	2.251609e+03	3.385511e+03
[20446]	4.590345e+03	2.635221e+03	1.229036e+03	4.238277e+03	3.954787e+03
[20451]	3.230629e+03	2.634667e+03	3.211435e+03	2.233589e+01	6.509773e+02
[20456]	4.553213e+03	3.459695e+03	3.972920e+03	3.237864e+03	4.371699e+03
[20461]	4.773497e+02	3.629528e+03	2.557291e+03	1.798908e+03	1.540694e+03
[20466]	1.592464e+03	3.882663e+03	2.688568e+03	3.773102e+03	4.242353e+03



[20471]	3.356260e+03	2.291903e+03	3.736403e+03	7.195047e+03	4.399882e+03
[20476]	2.766788e+03	2.786974e+03	1.748052e+03	2.952557e+03	4.561003e+03
[20481]	2.869964e+03	2.945884e+03	5.188466e+03	3.974053e+03	1.641537e+03
[20486]	2.946720e+03	2.080689e+03	3.772370e+03	3.129847e+03	2.378951e+03
[20491]	2.936567e+03	3.732238e+03	2.548705e+03	1.787836e+03	4.600150e+03
[20496]	4.336019e+03	1.759924e+03	2.369131e+03	4.156473e+03	2.103217e+03
[20501]	3.038614e+03	6.192224e+02	4.939700e+03	3.764129e+03	1.138840e+03
[20506]	2.918964e+03	1.976493e+03	5.352739e+03	1.536134e+03	4.050644e+03
[20511]	1.360497e+03	2.457659e+03	4.420410e+03	4.860143e+03	6.879209e+03
[20516]	6.756112e+02	2.802490e+03	6.699982e+03	5.016070e+03	1.181365e+03
[20521]	1.989570e+03	2.786807e+03	4.390471e+03	5.172367e+03	2.983356e+03
[20526]	5.071991e+02	8.361286e+02	5.087841e+03	4.691436e+03	-7.427144e+01
[20531]	3.337036e+03	1.704175e+03	4.271663e+03	8.812742e+03	4.083733e+03
[20536]	7.205053e+02	5.861279e+02	2.177293e+03	3.302136e+03	4.715293e+03
[20541]	2.966591e+03	3.353015e+03	3.764412e+03	3.722333e+03	3.131486e+03
[20546]	6.081430e+03	1.733193e+03	-2.921016e+02	4.817295e+03	3.210548e+03
[20551]	3.512017e+03	4.814005e+03	4.783857e+03	4.138743e+03	2.770241e+03
[20556]	1.959408e+03	4.465941e+03	6.485663e+03	4.733591e+03	6.699910e+03
[20561]	7.048769e+03	1.821316e+03	2.389395e+03	3.349560e+03	4.903070e+03
[20566]	3.758721e+03	2.738534e+03	2.959124e+03	3.747914e+03	4.006455e+03
[20571]	3.226762e+03	4.254964e+03	1.037561e+03	4.307441e+03	2.788788e+03
[20576]	2.643599e+03	3.144309e+03	3.552470e+03	5.120880e+03	3.589805e+03
[20581]	1.339923e+03	4.864848e+03	3.822535e+03	4.437281e+03	4.168245e+03
[20586]	4.251697e+03	9.840946e+02	2.063769e+03	3.899922e+03	4.723533e+03
[20591]	5.273577e+03	4.513628e+03	1.874961e+03	2.326558e+01	2.360344e+03
[20596]	4.929017e+03	2.527980e+03	2.109102e+03	3.710833e+03	2.052492e+03
[20601]	2.580546e+03	4.709093e+03	3.793706e+03	5.277583e+03	4.058782e+03
[20606]	3.232377e+03	3.443531e+03	2.409770e+03	1.429522e+03	2.252944e+03
[20611]	4.220205e+03	2.821438e+03	6.362620e+03	4.236619e+03	3.692010e+03
[20616]	2.541643e+03	3.343811e+03	6.012329e+03	1.181463e+03	6.123326e+03
[20621]	4.764658e+03	2.085406e+03	3.480426e+03	3.160000e+03	4.788327e+02
[20626]	3.742908e+03	2.449142e+03	3.288943e+03	2.323455e+03	2.601688e+03
[20631]	4.104076e+03	5.930150e+03	3.272670e+03	1.891546e+03	1.074237e+03
[20636]	4.733562e+03	3.371435e+03	3.467441e+03	1.920878e+03	3.102524e+03
[20641]	5.099417e+03	4.122921e+03	2.138571e+03	1.446059e+03	2.756976e+03
[20646]	3.409628e+03	3.992672e+03	3.303020e+03	1.329247e+03	2.487692e+03
[20651]	-2.770462e+02	2.671158e+03	2.314996e+03	8.129190e+02	2.419080e+03
[20656]	2.854920e+03	4.654487e+03	4.948270e+03	4.939450e+02	4.240662e+03
[20661]	2.242422e+03	5.289096e+03	2.614372e+03	2.277251e+03	2.397388e+03
[20666]	2.121147e+03	2.218761e+03	3.071022e+03	4.376695e+03	5.214501e+03
[20671]	3.737723e+03	2.537758e+03	5.003348e+03	2.627244e+03	4.864462e+03
[20676]	2.922409e+03	6.720393e+03	2.594547e+03	1.420991e+03	1.827839e+03
[20681]	1.928504e+03	2.101253e+02	2.057207e+03	3.758290e+03	4.159527e+03

[20686]	4.073448e+03	5.762121e+02	4.483947e+03	9.111422e+02	2.779401e+03
[20691]	5.330484e+03	2.171607e+03	1.361449e+03	2.390198e+03	3.662036e+03
[20696]	8.416555e+02	2.118874e+03	4.754690e+03	5.175323e+03	5.401141e+03
[20701]	4.582808e+03	2.024441e+03	2.911095e+03	2.933880e+03	4.271062e+03
[20706]	4.117139e+03	3.070149e+03	3.593731e+03	3.248516e+03	3.662306e+03
[20711]	1.363616e+03	5.773497e+03	3.173888e+03	3.257316e+03	-1.058824e+02
[20716]	6.382082e+03	4.601893e+03	3.845234e+03	3.275774e+03	3.767123e+03
[20721]	3.736876e+03	5.225058e+03	2.907382e+03	3.451954e+03	4.195316e+03
[20726]	-1.189017e+03	5.315607e+03	3.668461e+03	2.631069e+03	5.383245e+03
[20731]	3.529848e+03	1.754846e+03	2.812630e+03	1.789361e+03	1.523902e+03
[20736]	3.281037e+03	3.802702e+03	5.380868e+03	2.357620e+03	3.963203e+03
[20741]	1.750531e+03	3.022128e+03	2.136796e+03	5.766704e+03	3.785842e+03
[20746]	3.937899e+03	2.867416e+03	2.159916e+03	4.342739e+03	3.814373e+03
[20751]	2.805668e+03	2.741360e+03	4.675929e+03	3.758739e+03	3.283439e+03
[20756]	3.670966e+03	1.408075e+03	2.033866e+03	2.100647e+03	9.727039e+02
[20761]	2.798516e+03	3.226255e+03	2.938352e+03	3.079855e+03	5.418592e+03
[20766]	1.748469e+03	4.543825e+03	5.341955e+02	4.591179e+03	2.530669e+03
[20771]	3.834923e+03	3.455065e+02	2.910560e+03	9.212552e+02	-8.663736e+02
[20776]	6.844129e+03	2.310205e+03	4.098959e+03	4.046069e+03	2.701245e+03
[20781]	4.645072e+03	2.366022e+03	3.887296e+03	5.671701e+03	3.548214e+03
[20786]	3.559470e+03	4.584293e+03	3.022884e+03	1.075419e+03	2.539519e+03
[20791]	4.572461e+03	6.304965e+03	2.978317e+03	4.837437e+03	2.346381e+03
[20796]	-1.128361e+03	3.136197e+03	3.972217e+03	2.991679e+03	9.751254e+02
[20801]	1.868011e+03	3.839089e+03	2.766125e+03	2.757727e+03	4.849527e+03
[20806]	1.569047e+03	2.082108e+03	2.822698e+03	-5.430340e+02	3.855943e+03
[20811]	1.115615e+03	1.893210e+03	2.888977e+03	5.040691e+03	3.363447e+03
[20816]	4.753565e+03	2.850937e+03	4.863457e+03	3.092816e+03	1.025754e+02
[20821]	4.660019e+03	2.872851e+03	2.023696e+03	5.984249e+03	6.799804e+03
[20826]	5.293360e+03	4.307678e+01	5.966592e+03	2.247170e+03	5.415600e+03
[20831]	2.000565e+03	-3.108428e+02	1.821905e+03	6.579201e+03	4.230894e+03
[20836]	4.696015e+03	4.443911e+03	4.619034e+03	3.452347e+03	2.722292e+03
[20841]	4.196320e+03	2.566146e+03	-1.329305e+02	3.007931e+03	3.294478e+03
[20846]	4.937159e+03	2.314267e+03	3.615840e+03	2.547542e+03	2.679932e+03
[20851]	2.195422e+03	5.464711e+02	1.747568e+03	4.052604e+03	2.555216e+03
[20856]	1.330916e+03	4.817641e+03	3.393406e+03	3.684972e+03	1.821345e+03
[20861]	2.522107e+03	1.611002e+03	3.763654e+03	2.158791e+03	4.775940e+03
[20866]	3.376520e+03	4.762331e+03	2.924346e+03	4.334756e+03	2.731731e+03
[20871]	4.560212e+03	3.048312e+03	2.341596e+03	8.827424e+02	7.183480e+03
[20876]	5.050284e+03	2.456744e+03	2.505015e+03	3.269704e+03	5.934427e+03
[20881]	5.201853e+03	3.900694e+03	5.131212e+03	3.157673e+03	5.600473e+03
[20886]	4.100894e+03	3.553584e+02	2.444944e+03	5.397912e+03	5.380938e+03
[20891]	2.558902e+03	3.506489e+03	3.797265e+03	3.370280e+03	5.183107e+03
[20896]	2.069927e+03	4.111362e+03	1.941213e+03	2.351801e+03	2.169732e+03

[20901]	3.187740e+03	3.380752e+03	1.112525e+03	5.874277e+03	4.831633e+03
[20906]	2.507305e+03	4.643818e+03	2.056061e+03	1.320568e+03	2.522225e+03
[20911]	1.259567e+03	2.922349e+03	2.752689e+03	2.915977e+03	3.275069e+03
[20916]	4.632063e+03	5.041785e+03	1.726487e+03	1.958832e+03	3.775190e+03
[20921]	2.699110e+03	5.916857e+03	2.853239e+03	1.953010e+03	4.509780e+03
[20926]	4.704810e+03	5.105768e+03	1.697392e+03	3.146077e+03	6.675899e+03
[20931]	1.821256e+03	2.443694e+03	4.273650e+03	4.194500e+03	2.361948e+03
[20936]	2.813214e+03	2.325589e+03	5.844340e+03	9.016877e+02	6.079802e+03
[20941]	2.917532e+03	1.232786e+03	4.018845e+03	2.902151e+03	5.049085e+03
[20946]	1.811001e+03	9.747366e+02	2.846001e+03	1.226522e+03	3.688460e+03
[20951]	2.534808e+03	5.537243e+03	9.131361e+02	3.921556e+03	6.047281e+03
[20956]	3.027336e+03	4.735603e+03	2.603639e+03	4.297686e+03	2.502790e+03
[20961]	3.063617e+03	3.573798e+03	-8.218632e+02	3.646321e+02	4.163326e+03
[20966]	1.510768e+03	2.195259e+03	3.196743e+03	2.978375e+03	-8.393847e+02
[20971]	-7.987114e+02	2.405127e+03	3.194938e+03	1.955580e+03	3.138345e+03
[20976]	8.197219e+02	4.742028e+03	2.106396e+03	3.399898e+03	5.707245e+03
[20981]	4.165964e+03	6.024632e+03	3.190087e+03	6.300391e+02	7.474836e+03
[20986]	3.216730e+03	1.719440e+03	5.116161e+03	4.346679e+03	4.144725e+03
[20991]	6.587542e+02	3.256072e+03	3.403181e+03	6.083358e+03	4.032320e+03
[20996]	2.369435e+03	5.834937e+02	3.145907e+03	3.570897e+03	5.934435e+03
[21001]	2.086986e+03	5.257767e+03	6.001365e+03	1.521843e+03	3.505373e+03
[21006]	2.900364e+03	3.355016e+03	3.313390e+03	7.037250e+03	1.572986e+03
[21011]	3.888409e+03	3.152356e+03	4.439807e+03	3.030553e+03	1.665312e+03
[21016]	2.776114e+03	2.657082e+03	2.290025e+03	3.208545e+03	2.652064e+03
[21021]	3.972380e+03	4.011159e+03	2.662415e+03	2.007887e+03	5.294518e+03
[21026]	2.305183e+03	8.722567e+02	6.089038e+03	5.615873e+03	3.923757e+03
[21031]	3.472306e+03	1.952879e+03	5.828818e+03	1.900318e+03	2.586335e+03
[21036]	1.347268e+03	3.425564e+03	2.510056e+03	2.648071e+03	5.718183e+03
[21041]	2.112160e+03	1.523462e+03	2.198930e+03	3.513774e+03	2.743640e+03
[21046]	2.436995e+03	5.259283e+03	2.523970e+03	3.868232e+03	1.175603e+03
[21051]	5.243272e+03	3.899426e+03	3.739860e+03	-8.394622e+00	3.506828e+03
[21056]	2.970430e+03	1.877131e+03	7.689330e+02	3.505621e+03	5.545383e+03
[21061]	4.530811e+03	3.548335e+03	5.453583e+01	2.974868e+03	4.418739e+03
[21066]	3.081605e+02	6.494821e+03	1.951043e+03	4.073730e+03	4.148522e+03
[21071]	4.143490e+03	3.032951e+03	4.762183e+03	1.792848e+03	1.244600e+03
[21076]	3.759258e+03	1.959880e+03	4.956721e+03	1.831770e+03	4.749128e+03
[21081]	4.097121e+03	2.001040e+03	4.882077e+03	4.879069e+03	4.587613e+03
[21086]	1.494638e+03	4.756031e+03	5.024982e+03	5.222513e+03	3.405025e+03
[21091]	1.743332e+03	4.049412e+03	1.735178e+03	2.694535e+03	4.201024e+03
[21096]	2.800378e+03	3.074510e+03	6.106671e+02	3.397382e+03	2.603255e+03
[21101]	2.329643e+03	4.744237e+03	5.477054e+03	2.658879e+03	3.642819e+03
[21106]	4.614827e+03	5.191961e+03	4.693345e+03	3.903444e+03	3.666283e+03
[21111]	4.009653e+03	3.885167e+03	3.481981e+03	2.417570e+03	2.801880e+03

[21116]	4.301449e+03	4.806282e+03	2.162271e+03	4.600752e+03	1.094020e+03
[21121]	3.768867e+03	1.796734e+03	5.034613e+03	3.348167e+03	5.244971e+03
[21126]	3.793182e+03	2.248676e+03	2.900348e+03	3.811840e+03	7.634395e+02
[21131]	9.843386e+02	3.198504e+03	4.348220e+03	1.765408e+02	3.097231e+03
[21136]	3.025739e+03	1.189909e+03	4.087299e+03	1.583068e+03	3.816085e+03
[21141]	2.718315e+03	1.590166e+02	4.878363e+03	2.168704e+03	2.491138e+03
[21146]	5.651622e+03	5.811418e+03	5.584362e+03	1.245088e+03	3.910132e+03
[21151]	3.597761e+03	3.799057e+03	4.155526e+03	1.093821e+03	5.699039e+03
[21156]	-8.215334e+02	-6.088270e+02	3.758061e+03	4.305861e+03	2.813724e+03
[21161]	3.471091e+03	2.341963e+03	2.995007e+03	3.145168e+03	4.647312e+03
[21166]	1.217464e+03	5.583785e+02	4.668866e+03	1.835581e+03	3.216144e+03
[21171]	2.627222e+03	3.982156e+03	4.282460e+03	3.659099e+03	1.570025e+03
[21176]	6.381582e+03	3.641199e+03	3.219194e+03	2.921514e+03	9.263334e+02
[21181]	3.340489e+03	1.931388e+03	6.787171e+03	6.117064e+03	3.980366e+03
[21186]	4.589299e+03	2.295320e+03	2.017776e+03	2.403473e+03	7.470116e+02
[21191]	2.329795e+03	4.345701e+03	2.530538e+03	5.292786e+02	1.274563e+03
[21196]	2.294277e+03	9.706741e+02	3.647974e+03	4.204210e+03	5.238486e+03
[21201]	2.316544e+03	4.414978e+03	2.456175e+03	2.015538e+03	8.042934e+03
[21206]	1.168145e+03	1.274889e+03	3.325338e+03	1.429722e+03	4.508457e+03
[21211]	2.859633e+03	2.547944e+03	4.677410e+03	2.894955e+03	6.151662e+03
[21216]	1.259617e+03	2.451454e+03	3.091371e+03	1.453807e+03	-7.874414e+02
[21221]	3.018186e+03	3.365992e+03	3.573070e+03	4.477584e+03	4.889984e+03
[21226]	3.110496e+03	4.502847e+03	4.096783e+03	3.172545e+03	5.294691e+03
[21231]	1.905958e+03	3.172819e+03	1.254783e+03	1.965692e+03	4.835556e+03
[21236]	3.574783e+03	4.171417e+03	1.786307e+03	-7.445590e+02	4.815859e+03
[21241]	1.717895e+03	3.508121e+03	4.750469e+03	3.081346e+03	3.344615e+03
[21246]	3.722140e+03	3.876846e+03	4.116089e+03	4.802655e+03	9.257191e+02
[21251]	4.468395e+03	4.107943e+03	3.294480e+03	2.959499e+03	3.459096e+03
[21256]	4.145314e+03	2.337254e+03	6.300728e+03	4.206117e+03	3.561278e+03
[21261]	4.859831e+03	3.410909e+03	3.448584e+03	6.522907e+03	1.925326e+03
[21266]	1.520727e+03	3.143768e+03	2.274331e+03	1.639627e+03	3.966164e+03
[21271]	2.360368e+03	2.636931e+03	3.538599e+03	2.022763e+03	1.668018e+03
[21276]	2.501986e+03	-1.406559e+02	-7.184355e+02	1.601973e+03	1.995090e+03
[21281]	1.617325e+03	6.116612e+03	-2.132714e+02	3.736623e+03	6.530192e+02
[21286]	1.876352e+03	1.497548e+03	3.020883e+03	1.981040e+03	2.828483e+03
[21291]	3.783428e+03	1.914502e+03	1.310351e+03	3.135219e+03	5.985443e+03
[21296]	1.487140e+03	4.850797e+03	3.571019e+03	6.733698e+03	2.168748e+03
[21301]	3.753348e+03	1.003507e+03	3.988235e+03	5.595648e+03	4.918819e+03
[21306]	2.584659e+03	6.390706e+03	2.520140e+03	3.457871e+03	2.573976e+03
[21311]	5.797449e+03	2.799151e+03	5.360398e+03	1.107168e+03	3.267617e+03
[21316]	8.046899e+02	-1.683539e+02	2.183716e+03	1.538581e+03	6.100970e+03
[21321]	1.755803e+03	2.035034e+03	4.299422e+03	3.137204e+03	4.722186e+03
[21326]	5.282700e+03	2.779728e+03	-5.985443e+02	-3.853273e+02	4.628408e+03

[21331]	2.981201e+03	3.419932e+03	3.520472e+03	3.569575e+03	6.677466e+02
[21336]	2.938000e+03	2.295168e+03	3.887027e+03	4.771895e+03	3.876632e+03
[21341]	1.988630e+03	4.491156e+03	5.381877e+03	2.906932e+03	2.247427e+03
[21346]	1.278579e+03	2.608868e+03	1.556416e+03	3.974327e+03	1.756928e+03
[21351]	4.594203e+03	3.780823e+03	3.507623e+03	5.697757e+03	3.104994e+03
[21356]	5.761153e+03	3.656286e+03	2.935801e+03	4.457879e+03	2.192951e+03
[21361]	3.525753e+03	6.634383e+03	1.695425e+02	1.241250e+03	2.431739e+03
[21366]	4.354948e+03	5.382051e+03	4.288964e+03	5.930180e+03	3.301394e+03
[21371]	3.190935e+03	2.149709e+03	1.751845e+03	4.557387e+03	3.390229e+03
[21376]	4.583750e+03	2.684550e+03	2.945219e+03	9.579393e+02	1.815151e+03
[21381]	1.817334e+03	2.382806e+03	3.307354e+03	6.172656e+03	4.341162e+03
[21386]	3.988542e+03	5.914992e+03	1.816408e+03	2.988256e+03	3.180443e+03
[21391]	2.275014e+03	2.989395e+03	3.834343e+03	5.010484e+03	2.853159e+03
[21396]	1.799024e+03	2.542397e+03	7.989104e+03	6.261669e+03	2.652775e+03
[21401]	4.288863e+03	2.057671e+03	4.794374e+03	3.085527e+03	2.053310e+03
[21406]	3.491021e+03	2.797478e+03	2.981924e+03	5.410837e+03	7.149459e+02
[21411]	3.208750e+03	5.170592e+03	3.270351e+02	2.680608e+03	7.412228e+03
[21416]	2.181068e+03	5.034796e+03	1.450427e+03	4.087982e+03	-5.527246e+02
[21421]	2.692617e+03	1.305377e+03	4.843213e+03	4.035978e+03	3.416486e+03
[21426]	6.988371e+03	2.474585e+03	3.447801e+03	4.308973e+03	1.458488e+03
[21431]	2.510483e+03	1.991034e+03	3.947622e+03	1.025583e+03	-1.779333e+02
[21436]	2.436924e+03	6.378880e+03	2.495822e+03	1.746416e+03	4.848297e+03
[21441]	3.383713e+03	1.039014e+03	4.112221e+03	4.618971e+03	3.694422e+03
[21446]	4.383656e+03	3.216602e+03	3.278310e+03	4.276829e+03	2.586554e+03
[21451]	4.822360e+03	6.140170e+02	2.970722e+03	4.068157e+03	3.894556e+03
[21456]	4.470089e+03	3.544639e+03	2.850972e+03	3.874205e+03	2.400541e+03
[21461]	2.416363e+03	5.833928e+03	2.433493e+03	6.593194e+02	5.217751e+03
[21466]	1.174241e+03	3.655603e+03	3.147933e+03	3.235508e+03	5.199575e+03
[21471]	6.563446e+03	3.766562e+03	1.155168e+03	3.985916e+03	2.970880e+03
[21476]	2.998329e+03	3.441097e+03	3.625843e+03	3.259700e+03	4.309281e+03
[21481]	2.483375e+03	2.774696e+03	1.116323e+03	1.497036e+03	4.257081e+03
[21486]	3.571116e+03	2.764791e+03	6.227502e+03	2.713355e+03	3.226446e+03
[21491]	3.391792e+03	3.670815e+03	3.163796e+03	6.303126e+03	3.554924e+03
[21496]	4.108505e+03	8.252671e+02	5.906080e+03	5.292382e+03	4.773791e+03
[21501]	-3.206940e+02	4.310567e+03	4.264859e+03	1.052933e+03	2.999240e+03
[21506]	8.292922e+02	1.839376e+03	3.794873e+03	1.630582e+03	3.109394e+03
[21511]	4.742150e+03	7.019772e+03	1.953780e+03	4.477509e+03	1.921657e+03
[21516]	4.467898e+03	5.284460e+03	3.656088e+03	3.523950e+03	3.169899e+03
[21521]	5.379605e+03	4.721089e+03	2.426383e+03	2.180087e+03	2.636512e+03
[21526]	1.287821e+03	6.152844e+03	2.080578e+03	3.079124e+03	2.618689e+03
[21531]	3.791901e+03	2.823547e+03	4.352546e+03	1.852712e+01	4.003859e+03
[21536]	1.787232e+03	1.811640e+03	2.397329e+03	5.575791e+03	2.454097e+03
[21541]	5.209322e+03	1.916005e+03	-1.262356e+02	4.473062e+03	1.720800e+03

[21546]	4.384688e+03	4.282038e+03	2.638588e+03	3.676395e+03	3.439362e+03
[21551]	1.469584e+03	4.473412e+03	1.216035e+03	1.389065e+03	6.531897e+03
[21556]	2.648049e+03	1.653352e+03	1.936934e+03	4.533110e+03	4.055716e+03
[21561]	3.493613e+03	1.654882e+03	2.599684e+03	6.726898e+03	3.285773e+03
[21566]	2.959372e+03	4.218227e+03	4.800045e+03	1.238859e+03	3.310581e+03
[21571]	1.539852e+03	3.087551e+03	2.989920e+03	6.484197e+03	4.143466e+03
[21576]	3.755108e+03	1.104917e+02	8.046893e+02	3.318154e+03	4.695167e+03
[21581]	3.304684e+03	5.509628e+02	4.956755e+03	4.097564e+03	4.490101e+03
[21586]	3.561034e+03	4.338757e+03	3.502823e+03	4.782240e+03	2.145472e+03
[21591]	6.977393e+02	3.756903e+03	4.071302e+03	5.485181e+03	7.875563e+02
[21596]	5.099787e+03	3.158931e+03	2.372544e+03	1.625965e+03	3.247389e+03
[21601]	9.431819e+02	2.607477e+03	4.775120e+03	4.679988e+03	2.704284e+03
[21606]	5.217398e+03	2.270910e+03	3.522788e+03	3.844770e+03	2.735291e+03
[21611]	4.145984e+03	3.255735e+03	5.324373e+03	5.560839e+03	1.807405e+03
[21616]	3.431277e+03	9.488864e+02	4.779320e+02	3.006411e+03	2.616505e+03
[21621]	3.354473e+03	3.420662e+03	4.178677e+03	1.787109e+03	4.604965e+03
[21626]	2.373842e+03	4.080193e+03	2.304912e+03	2.751030e+03	3.045352e+03
[21631]	5.926161e+03	3.965299e+03	4.889199e+03	2.604838e+03	3.475401e+03
[21636]	3.296471e+02	1.658283e+03	6.313558e+03	3.329614e+03	2.528574e+03
[21641]	-1.509398e+03	4.750852e+03	2.318503e+02	9.963494e+02	2.758162e+03
[21646]	2.553069e+03	1.430205e+03	4.442144e+03	3.654111e+03	1.728457e+03
[21651]	2.600338e+03	4.307967e+03	2.764717e+03	3.319790e+03	2.565088e+03
[21656]	2.645134e+03	5.884408e+03	5.309315e+03	4.706180e+03	5.151210e+03
[21661]	2.287965e+03	3.441473e+03	3.655765e+03	3.510586e+03	5.035481e+03
[21666]	2.980514e+03	5.208592e+03	5.004478e+03	3.675718e+02	2.739748e+03
[21671]	4.622893e+03	4.942450e+03	6.328784e+03	3.126901e+03	5.810238e+03
[21676]	2.474267e+03	4.243337e+03	2.934755e+03	3.287525e+03	3.935826e+03
[21681]	6.202951e+03	4.182050e+03	2.366605e+03	4.808393e+02	2.343391e+03
[21686]	2.893732e+03	3.186163e+03	3.897212e+03	4.669327e+03	6.221521e+03
[21691]	2.959333e+03	3.436441e+03	9.738487e+02	5.013818e+03	5.176972e+03
[21696]	3.164373e+03	3.162169e+03	2.859586e+03	2.730130e+03	5.386468e+02
[21701]	2.326556e+03	3.048265e+03	5.000249e+03	2.690081e+03	3.258513e+03
[21706]	2.395291e+03	4.910959e+03	3.282613e+03	3.405709e+03	5.386078e+03
[21711]	1.348149e+03	2.715832e+03	2.859008e+03	4.165336e+03	4.121934e+03
[21716]	2.480594e+03	5.066066e+03	1.472272e+03	-3.720364e+02	2.915375e+03
[21721]	3.440198e+02	4.957115e+03	2.910740e+03	1.095610e+03	5.473451e+03
[21726]	9.571062e+02	5.267701e+03	2.061120e+03	1.679251e+03	4.391664e+03
[21731]	1.655283e+03	1.838290e+03	3.704969e+03	1.350733e+03	6.424731e+03
[21736]	2.005010e+03	4.009617e+03	4.911690e+03	2.202997e+03	3.363537e+03
[21741]	5.290887e+03	3.555217e+03	2.631185e+03	3.241275e+03	2.895794e+03
[21746]	3.786297e+03	4.633292e+03	3.339096e+03	5.545130e+03	2.551856e+03
[21751]	2.222687e+03	1.051023e+03	5.265801e+03	2.758519e+03	3.110134e+03
[21756]	3.993361e+03	2.716072e+03	5.839303e+03	3.648825e+03	2.095651e+03

[21761]	3.921121e+03	1.095845e+03	2.415726e+03	4.108419e+03	2.405065e+03
[21766]	1.355299e+03	1.527038e+03	2.956006e+03	2.958740e+03	3.052442e+03
[21771]	4.271530e+02	2.299250e+03	3.331739e+03	2.989135e+03	7.029575e+02
[21776]	4.217381e+03	2.092301e+03	1.802980e+03	2.288556e+03	2.052216e+03
[21781]	3.540762e+03	5.988752e+03	2.667259e+03	5.300696e+03	4.321717e+03
[21786]	8.071584e+02	3.532177e+03	3.522746e+03	2.882962e+03	3.512481e+03
[21791]	3.371220e+03	2.977244e+03	4.684593e+03	2.212063e+03	1.501741e+03
[21796]	1.700026e+03	5.234636e+03	3.216465e+03	5.077945e+03	5.347688e+03
[21801]	1.981771e+03	2.923445e+03	2.879516e+03	4.060846e+03	3.834764e+02
[21806]	4.193653e+03	3.202815e+03	3.569699e+03	2.691797e+03	3.295308e+03
[21811]	3.019818e+03	3.964832e+03	3.347405e+03	2.085610e+03	4.859064e+03
[21816]	3.530852e+03	4.967699e+03	4.287327e+03	4.938827e+03	4.908606e+03
[21821]	3.151485e+03	2.902022e+03	3.100252e+03	1.742773e+03	2.483683e+03
[21826]	5.529463e+03	4.416406e+03	3.571656e+03	3.193194e+03	3.975916e+03
[21831]	6.123734e+03	2.492029e+03	4.866190e+03	2.287100e+03	4.056085e+03
[21836]	1.450004e+03	3.786175e+03	5.835191e+03	6.872620e+03	3.530699e+03
[21841]	5.522631e+03	4.935733e+03	-6.720789e+02	3.270397e+03	3.637518e+03
[21846]	3.058379e+03	2.066908e+03	5.164306e+03	6.065533e+03	3.472392e+03
[21851]	1.770794e+03	2.821340e+03	5.219696e+03	3.560635e+03	5.459694e+02
[21856]	2.621207e+03	-1.359559e+03	2.637814e+03	3.521400e+03	2.446918e+03
[21861]	2.979571e+03	5.713598e+02	5.008267e+03	3.977901e+03	4.622166e+03
[21866]	3.413203e+03	2.717129e+03	6.075417e+03	3.345264e+03	9.061967e+02
[21871]	5.792543e+03	3.575996e+03	6.817838e+03	2.295219e+03	3.101364e+03
[21876]	3.707272e+03	3.906225e+03	4.182675e+03	2.817033e+03	1.639332e+03
[21881]	5.163319e+03	3.068684e+03	4.662047e+03	4.276434e+03	1.543758e+03
[21886]	3.182210e+03	2.556435e+03	4.293320e+03	4.169266e+03	2.918114e+03
[21891]	7.604703e+02	6.489200e+03	4.951047e+03	1.712401e+03	2.832832e+03
[21896]	2.708326e+03	4.753953e+03	3.907171e+03	3.782453e+03	4.545118e+03
[21901]	2.691806e+03	7.934369e+02	2.424796e+03	3.218650e+03	3.377339e+03
[21906]	4.613803e+03	3.777499e+03	2.428926e+03	3.933530e+03	3.237663e+03
[21911]	3.809108e+03	2.956113e+03	3.182590e+03	1.463206e+03	5.315237e+03
[21916]	3.171445e+03	4.285716e+03	1.710734e+03	2.854861e+03	1.800428e+03
[21921]	1.925028e+03	3.441845e+03	4.100140e+03	1.396434e+03	2.896121e+03
[21926]	3.292016e+03	1.230856e+01	1.074169e+03	4.170816e+03	1.877179e+03
[21931]	2.174812e+03	2.487555e+03	3.138674e+03	3.312061e+03	5.338261e+03
[21936]	4.460718e+03	4.569876e+03	2.635865e+03	2.456305e+03	4.686527e+03
[21941]	3.813092e+03	4.174521e+03	3.508586e+03	1.294034e+03	1.148213e+03
[21946]	1.975342e+03	3.966452e+03	3.262882e+03	2.595445e+03	2.896017e+03
[21951]	5.498380e+03	2.227829e+03	2.689605e+03	4.420821e+03	1.965794e+03
[21956]	3.165422e+03	3.866918e+03	1.837766e+03	4.189006e+03	2.519402e+03
[21961]	1.009659e+03	2.722538e+03	2.840001e+03	4.910927e+03	3.911198e+03
[21966]	3.564045e+03	2.146533e+03	2.041960e+03	4.255859e+03	5.469029e+03
[21971]	5.806703e+03	4.984680e+03	3.472023e+03	3.367743e+03	1.855379e+03

[21976]	4.820797e+03	2.557706e+03	7.274572e+03	2.384806e+03	5.180743e+03
[21981]	4.903966e+03	5.107096e+03	3.310980e+03	4.142215e+02	5.883173e+03
[21986]	-5.595716e+02	3.003088e+03	4.513237e+03	2.545679e+03	2.335598e+03
[21991]	3.963699e+03	1.347966e+03	4.981395e+03	5.677178e+03	2.672939e+03
[21996]	4.710512e+03	5.902302e+03	2.097352e+03	3.913605e+03	3.718516e+03
[22001]	5.030998e+03	1.416205e+03	4.563279e+03	4.430229e+03	2.112340e+03
[22006]	2.197123e+03	4.699830e+03	3.060506e+03	5.248633e+03	1.567031e+03
[22011]	4.238102e+03	2.351323e+03	3.463507e+03	2.632040e+03	1.577902e+03
[22016]	5.586062e+03	4.012155e+03	3.986295e+03	2.663047e+03	2.209271e+03
[22021]	3.595334e+03	5.879445e+03	3.644092e+03	2.217753e+03	5.172495e+03
[22026]	-1.818152e+02	4.012632e+03	9.011252e+02	2.409853e+03	3.924453e+03
[22031]	5.189797e+03	3.161842e+03	4.062757e+03	2.141844e+03	4.778821e+03
[22036]	3.274339e+03	-8.928510e+00	1.855718e+03	5.605748e+03	9.041195e+02
[22041]	3.083145e+03	3.565223e+03	2.100620e+03	3.455610e+03	2.036417e+03
[22046]	5.651181e+03	3.010420e+03	5.720602e+03	4.929911e+03	1.742829e+03
[22051]	2.910971e+03	4.623065e+03	2.936862e+03	4.136146e+03	4.510609e+03
[22056]	5.173032e+03	1.930361e+03	3.976996e+03	3.146614e+03	2.378401e+03
[22061]	2.351184e+03	3.180509e+03	2.125649e+03	1.388357e+03	2.089441e+03
[22066]	4.811334e+03	5.682843e+03	1.541319e+03	2.123318e+03	3.494261e+03
[22071]	4.218910e+03	3.067994e+03	5.424088e+03	3.847508e+03	-1.163090e+03
[22076]	2.193592e+03	3.158350e+03	3.445841e+03	2.661551e+03	3.975381e+03
[22081]	3.781086e+03	1.231872e+03	1.734495e+03	3.528197e+03	2.281979e+03
[22086]	3.672352e+03	2.896444e+03	3.027263e+03	2.134677e+03	5.962855e+03
[22091]	2.637711e+03	-1.187528e+02	4.711736e+03	1.408580e+03	4.916013e+03
[22096]	3.214263e+03	6.118498e+03	4.370881e+03	1.956752e+03	3.636033e+03
[22101]	2.973906e+03	2.592709e+03	2.156190e+03	2.044421e+03	3.364010e+03
[22106]	5.194233e+03	3.586419e+03	2.512864e+03	5.554361e+03	3.338418e+03
[22111]	4.197118e+03	3.325684e+03	4.193593e+03	3.940694e+03	2.670707e+03
[22116]	4.264813e+03	4.018358e+03	7.213587e+03	1.947548e+03	4.046250e+03
[22121]	2.478892e+03	4.101588e+03	2.755756e+03	8.471216e+02	3.751778e+03
[22126]	4.260773e+03	4.874542e+03	3.101018e+03	3.306856e+03	3.372406e+03
[22131]	2.797105e+03	6.368742e+02	2.277829e+03	4.348272e+03	2.908124e+03
[22136]	3.418094e+03	1.669853e+03	1.892123e+03	3.982559e+03	4.620302e+03
[22141]	2.051989e+03	2.226241e+03	2.483497e+03	2.631928e+03	2.281765e+03
[22146]	1.866389e+03	3.969701e+03	2.801616e+03	3.246323e+03	5.300087e+03
[22151]	2.953042e+03	2.742124e+03	2.865685e+03	5.995242e+03	2.239137e+03
[22156]	1.987766e+03	3.916918e+03	3.404222e+03	3.096645e+03	4.059858e+03
[22161]	5.797118e+03	2.532943e+03	1.725531e+03	3.788389e+03	2.979425e+03
[22166]	3.788696e+03	1.645038e+03	7.054441e+02	3.317993e+03	4.106988e+03
[22171]	5.411522e+03	1.289146e+03	3.239955e+03	4.376948e+03	4.468157e+03
[22176]	2.391392e+03	1.444566e+03	3.612185e+03	4.229094e+03	3.754167e+03
[22181]	9.477123e+02	3.221574e+03	2.493597e+03	3.932406e+03	5.302610e+03
[22186]	4.271609e+03	2.077067e+03	1.857324e+03	1.840284e+03	5.238564e+03



[22191]	2.284526e+03	4.809427e+03	4.526752e+03	2.350763e+03	6.076699e+03
[22196]	4.284328e+03	3.932673e+03	2.129006e+03	5.349441e+03	1.118214e+03
[22201]	3.050364e+03	1.438245e+03	1.968741e+03	5.876762e+03	5.350647e+03
[22206]	4.093912e+03	6.554449e+02	1.263399e+03	3.850534e+03	4.842768e+03
[22211]	4.095423e+03	2.702246e+03	2.364877e+03	4.369495e+03	7.192477e+03
[22216]	4.444558e+03	3.951549e+03	2.978584e+03	6.513032e+03	1.439128e+03
[22221]	5.324420e+03	3.857688e+02	1.498479e+03	1.206068e+03	5.043799e+03
[22226]	3.161463e+03	2.028595e+02	2.520021e+03	2.895306e+03	1.580666e+03
[22231]	4.921382e+03	2.929904e+03	4.024876e+03	2.337760e+03	4.085931e+03
[22236]	1.125632e+03	2.564781e+03	3.748932e+03	3.790924e+03	3.670820e+03
[22241]	2.392527e+03	1.578730e+03	5.631216e+03	2.370520e+03	3.726636e+03
[22246]	4.579527e+03	2.840069e+03	2.961792e+03	2.239756e+03	4.222590e+03
[22251]	1.892622e+03	2.160535e+03	1.157498e+03	2.811722e+03	5.181232e+03
[22256]	6.046350e+03	2.709706e+03	1.395070e+03	3.296656e+03	5.351265e+03
[22261]	4.152331e+03	4.675801e+03	4.190035e+03	3.991185e+03	3.601777e+03
[22266]	3.869749e+03	6.292237e+03	4.273692e+03	3.462231e+03	4.930541e+03
[22271]	2.907225e+03	4.172720e+03	5.406838e+03	3.783805e+03	1.407912e+03
[22276]	3.720191e+03	3.515700e+03	4.704081e+03	4.945390e+03	6.914739e+01
[22281]	3.725611e+03	3.096173e+03	1.889915e+03	3.963054e+03	2.879604e+03
[22286]	3.741001e+03	1.574163e+03	2.824179e+03	1.988465e+03	4.411102e+03
[22291]	2.529762e+03	3.121243e+03	6.393529e+03	3.801203e+02	5.779678e+03
[22296]	3.037111e+03	2.632274e+03	2.165425e+03	1.806963e+03	2.716475e+03
[22301]	1.172626e+03	2.372051e+03	4.028145e+03	6.812697e+03	3.761802e+03
[22306]	6.047807e+03	6.175635e+03	3.094160e+03	3.860301e+03	1.544470e+03
[22311]	1.488073e+03	2.737582e+02	5.426183e+03	3.836086e+03	3.047067e+03
[22316]	4.061808e+03	2.346573e+03	1.753186e+03	1.902701e+02	2.821290e+03
[22321]	3.480300e+03	1.570255e+03	4.399236e+03	2.607670e+03	3.777133e+03
[22326]	5.225493e+03	5.448865e+03	3.540190e+03	1.948193e+03	7.059177e+02
[22331]	1.715832e+03	4.213885e+03	7.900163e+01	3.187585e+03	4.081824e+03
[22336]	4.481602e+03	3.438806e+03	4.286920e+03	1.463825e+03	2.784644e+03
[22341]	1.542901e+03	3.830644e+03	3.348886e+03	4.314603e+03	3.514316e+02
[22346]	2.096110e+03	2.049488e+03	3.278828e+03	2.451842e+03	5.521571e+03
[22351]	3.524228e+03	2.388859e+02	4.486228e+03	4.921072e+02	3.099557e+03
[22356]	2.519062e+03	-9.535066e+02	3.504397e+03	1.651502e+03	1.542873e+03
[22361]	4.743442e+03	2.105339e+03	3.969184e+03	6.373602e+03	2.777552e+03
[22366]	2.659133e+03	5.049243e+03	2.357294e+03	3.673529e+03	3.981545e+03
[22371]	3.922056e+03	2.784434e+03	7.959540e+02	6.003364e+03	4.383590e+03
[22376]	3.048879e+03	4.846528e+03	2.561522e+03	2.558417e+03	2.220751e+03
[22381]	2.231214e+03	5.188953e+03	3.930978e+03	3.725502e+03	2.538970e+03
[22386]	4.030847e+03	6.470790e+03	2.995448e+03	4.237401e+03	4.249791e+03
[22391]	2.354500e+03	3.008434e+03	5.458086e+03	4.965999e+03	3.745087e+03
[22396]	3.322496e+03	1.422692e+01	3.483624e+03	4.890399e+03	5.566428e+03
[22401]	1.973214e+03	7.994713e+01	2.638304e+03	2.475430e+03	4.151346e+03

[22406]	4.757564e+03	2.583467e+03	1.639530e+03	1.810551e+03	5.181880e+03
[22411]	3.327090e+03	4.213181e+03	4.105557e+03	5.051030e+03	4.612373e+03
[22416]	1.748315e+03	4.401287e+03	3.889308e+03	1.685843e+03	1.019331e+03
[22421]	6.137284e+02	3.587413e+03	1.781150e+03	3.329512e+03	2.698784e+03
[22426]	3.424914e+03	3.913203e+03	3.554222e+03	2.882491e+03	1.298688e+03
[22431]	3.965934e+03	3.442910e+03	4.211221e+03	6.514219e+03	3.308322e+03
[22436]	4.315945e+03	3.963610e+03	1.841293e+03	6.042130e+03	3.594029e+03
[22441]	3.925390e+03	6.315330e+03	8.249806e+02	2.075297e+03	2.019794e+03
[22446]	6.969518e+03	2.033188e+03	2.708156e+03	1.577285e+03	5.453034e+03
[22451]	4.084133e+03	2.968743e+03	3.210693e+03	1.310613e+03	3.954392e+03
[22456]	5.888501e+03	3.515295e+02	3.041274e+03	4.016184e+03	1.906443e+03
[22461]	5.469842e+03	1.393466e+02	3.686552e+03	1.509967e+03	2.088991e+03
[22466]	2.426783e+03	4.693095e+03	4.431436e+03	8.853503e+03	2.191248e+03
[22471]	1.472031e+03	4.807877e+03	2.557239e+03	3.236721e+03	3.256153e+03
[22476]	5.719466e+03	2.657471e+03	5.631332e+03	5.677538e+03	3.015099e+03
[22481]	3.316741e+03	1.553855e+03	2.148251e+03	1.422494e+03	7.073613e+03
[22486]	7.161280e+03	7.865472e+02	-5.430321e+02	1.206634e+03	4.608848e+03
[22491]	4.140770e+03	1.929017e+03	2.619159e+03	2.614293e+03	2.980739e+03
[22496]	4.993821e+03	4.973060e+03	4.598697e+03	1.938255e+03	3.793076e+03
[22501]	1.931610e+03	1.866289e+03	3.939073e+03	1.366456e+03	2.224328e+03
[22506]	5.156672e+03	3.202218e+03	3.113003e+03	2.903570e+03	2.946098e+03
[22511]	2.827124e+03	4.841463e+03	2.696114e+03	1.988555e+03	4.201931e+03
[22516]	4.967782e+03	3.317363e+03	1.864913e+03	5.271910e+02	4.568748e+03
[22521]	2.990013e+03	3.323572e+03	5.493411e+03	1.508970e+03	2.708259e+03
[22526]	1.800257e+03	1.891709e+03	2.169634e+03	1.444462e+03	2.798005e+03
[22531]	5.057023e+03	8.160496e+02	-4.923822e+02	1.063865e+03	3.456699e+03
[22536]	3.679330e+03	1.625929e+03	5.155287e+03	2.735016e+03	2.842177e+03
[22541]	1.497427e+03	3.095072e+03	2.860857e+03	2.645885e+03	5.560285e+03
[22546]	1.647540e+03	2.006589e+03	2.460094e+03	3.753214e+02	5.591402e+03
[22551]	4.558465e+03	5.200673e+03	1.440457e+03	3.790210e+03	5.519283e+03
[22556]	5.384156e+03	2.923344e+03	4.506206e+03	4.461798e+03	4.251702e+03
[22561]	5.379392e+03	2.761274e+03	4.376811e+03	3.527144e+01	4.773208e+03
[22566]	5.226075e+03	3.277781e+03	5.535907e+03	8.623386e+02	3.742463e+03
[22571]	3.813190e+03	4.223410e+03	3.279450e+03	1.294295e+03	4.718958e+03
[22576]	4.172206e+03	4.054052e+03	9.982213e+02	1.803707e+03	5.090941e+03
[22581]	2.474474e+03	3.355983e+03	2.720733e+03	3.672133e+03	5.862606e+03
[22586]	2.105220e+03	2.863517e+03	7.005900e+03	5.376603e+03	2.486120e+02
[22591]	5.033347e+03	1.677402e+03	3.367295e+03	5.750546e+03	6.150985e+03
[22596]	1.970460e+03	1.592409e+03	4.330604e+03	1.961112e+03	5.572611e+03
[22601]	5.167505e+03	3.887455e+03	1.538161e+03	3.290587e+03	4.943774e+03
[22606]	4.953226e+03	2.105144e+03	2.456497e+03	5.678713e+03	3.981710e+03
[22611]	4.587619e+03	4.173788e+03	2.567604e+03	2.458525e+03	4.460018e+03
[22616]	3.213271e+03	1.930153e+03	2.797678e+03	6.469134e+03	6.810851e+03

[22621]	2.849198e+03	4.656566e+03	2.471960e+03	3.359402e+03	5.632111e+03
[22626]	2.541174e+03	5.922677e+03	1.624080e+03	1.550508e+03	2.619401e+03
[22631]	3.639138e+03	3.867331e+03	3.220712e+03	3.548977e+03	1.271347e+03
[22636]	3.071930e+03	2.586337e+03	4.329125e+02	3.317533e+03	3.258859e+03
[22641]	3.729893e+03	2.358968e+03	2.427532e+03	1.764936e+03	1.839359e+03
[22646]	5.073079e+03	1.015451e+03	3.009658e+03	5.850084e+03	1.690237e+03
[22651]	4.671411e+03	4.439163e+03	4.607818e+03	2.363092e+03	2.111095e+03
[22656]	3.410989e+03	2.988427e+03	4.942827e+03	-9.912180e+01	5.135255e+03
[22661]	2.688582e+03	2.128366e+03	4.087023e+03	2.846929e+03	5.197022e+03
[22666]	2.734800e+03	1.843879e+03	3.381568e+03	3.555765e+03	2.633216e+03
[22671]	1.894376e+03	1.873256e+03	5.442598e+03	4.154065e+03	4.264464e+03
[22676]	2.934839e+03	4.623455e+03	4.975886e+03	5.806829e+03	4.605026e+03
[22681]	5.639690e+03	2.958210e+03	1.049934e+03	3.527112e+03	2.427533e+03
[22686]	2.113139e+03	1.483399e+03	2.491130e+03	4.752319e+03	5.401711e+02
[22691]	9.286652e+02	2.536236e+03	1.662084e+03	1.030160e+03	2.762587e+03
[22696]	3.174944e+03	6.073285e+03	2.610375e+03	4.648716e+03	4.174855e+03
[22701]	1.241468e+03	2.928018e+03	3.248161e+03	5.285185e+03	5.021440e+03
[22706]	2.968451e+03	6.019727e+03	1.426719e+03	4.420304e+03	2.137814e+03
[22711]	2.910082e+03	4.268700e+03	4.323041e+03	3.208569e+03	4.274351e+03
[22716]	3.254805e+03	4.194082e+03	1.131099e+03	4.474790e+03	1.354407e+03
[22721]	4.862797e+03	3.985323e+03	3.949292e+03	2.394198e+03	2.406118e+03
[22726]	1.238325e+03	6.583404e+02	3.654174e+03	1.751373e+03	2.913070e+03
[22731]	3.389454e+00	1.874878e+03	3.910312e+03	8.370123e+02	6.074312e+03
[22736]	3.050259e+03	2.954389e+03	2.125527e+03	2.528861e+03	4.072538e+02
[22741]	4.692284e+03	4.830056e+03	5.316414e+02	2.405620e+03	3.420471e+03
[22746]	1.003009e+03	2.031188e+03	2.044731e+03	4.739662e+03	2.708534e+03
[22751]	2.654038e+03	3.146474e+03	4.183178e+02	6.818089e+03	2.923374e+03
[22756]	7.430927e+02	4.182240e+03	2.974324e+03	2.183120e+03	5.315730e+03
[22761]	2.094042e+03	3.792668e+03	1.773956e+02	4.879680e+03	2.368312e+03
[22766]	2.607772e+03	2.225069e+03	3.415746e+03	2.375212e+03	2.258441e+03
[22771]	5.271504e+03	3.552169e+03	4.310632e+03	1.555473e+03	5.099169e+03
[22776]	4.366869e+03	4.395306e+03	6.345569e+03	3.057902e+03	4.807722e+03
[22781]	2.864306e+03	2.609939e+03	3.591985e+03	8.709368e+02	5.041282e+03
[22786]	5.648461e+03	1.757253e+03	2.450500e+03	7.353323e+02	1.098991e+03
[22791]	3.778228e+03	-3.118530e+02	4.021119e+03	3.797274e+03	3.607913e+03
[22796]	3.057677e+03	5.820488e+03	3.595139e+03	2.438836e+03	7.497067e+02
[22801]	3.226964e+03	3.365801e+03	4.566108e+03	2.744387e+03	2.542613e+03
[22806]	2.060621e+03	3.769167e+03	1.652715e+03	8.589133e+02	1.632913e+03
[22811]	4.097822e+03	3.292529e+03	7.190221e+03	5.248519e+03	4.588180e+03
[22816]	2.579390e+03	3.441213e+03	6.414646e+02	5.840300e+03	8.074292e+03
[22821]	6.263818e+03	3.067673e+03	4.612487e+03	2.774333e+03	3.232099e+02
[22826]	4.728325e+03	5.096367e+03	2.795714e+03	3.116989e+03	5.162766e+02
[22831]	1.064883e+03	1.934759e+03	4.904279e+03	2.416649e+03	3.889176e+03

[22836]	6.063783e+03	2.972636e+03	1.696669e+03	3.649186e+03	3.870579e+03
[22841]	5.317540e+03	4.739941e+03	2.271266e+03	5.543848e+03	5.701242e+02
[22846]	2.837269e+03	3.369331e+03	4.596623e+03	2.238572e+03	1.917860e+03
[22851]	4.622175e+03	3.046056e+03	3.489679e+01	2.710459e+03	3.780484e+03
[22856]	5.274431e+03	5.367027e+03	5.663194e+03	2.246561e+03	2.207229e+03
[22861]	2.983081e+03	2.317912e+03	4.313330e+03	2.560729e+03	2.522071e+03
[22866]	2.447707e+03	3.202852e+03	1.346329e+03	2.902705e+03	4.128497e+03
[22871]	2.028759e+03	2.623101e+03	1.721693e+03	4.918199e+03	1.445201e+03
[22876]	6.568421e+03	2.328146e+03	2.524967e+03	2.313514e+03	6.125054e+03
[22881]	3.219729e+03	2.002611e+03	1.871729e+03	1.674590e+03	3.657675e+03
[22886]	3.549716e+03	2.921328e+03	3.225345e+03	5.204302e+03	2.805252e+03
[22891]	-3.730617e+02	2.094882e+03	1.976026e+03	3.170521e+03	3.938027e+03
[22896]	2.564538e+03	5.139140e+03	2.771020e+03	4.531052e+03	3.079975e+03
[22901]	2.844032e+03	1.133211e+03	4.685672e+03	3.812057e+03	4.051508e+03
[22906]	1.948676e+03	2.638838e+03	3.407251e+03	1.504916e+03	2.659814e+03
[22911]	1.752234e+03	3.959595e+03	2.705607e+03	4.637855e+03	1.463242e+03
[22916]	3.077932e+03	4.759558e+03	2.184691e+03	3.082355e+02	2.472631e+03
[22921]	3.961189e+03	3.043341e+03	3.829226e+03	4.462667e+03	4.043304e+03
[22926]	3.736713e+03	2.088184e+03	4.366700e+03	4.665073e+02	6.399805e+03
[22931]	3.194550e+03	1.951259e+03	5.009872e+03	4.180344e+03	2.492452e+03
[22936]	3.594038e+03	3.919289e+03	3.222413e+03	4.109554e+03	4.218433e+03
[22941]	3.597004e+03	2.884026e+03	5.905324e+03	2.162208e+03	2.876124e+03
[22946]	3.390581e+03	2.963175e+03	3.121704e+03	4.033668e+03	2.707070e+02
[22951]	4.786250e+03	8.887643e+02	3.644158e+03	4.529773e+03	3.423439e+03
[22956]	5.216442e+03	2.827748e+03	4.930749e+03	5.450534e+02	1.169030e+03
[22961]	2.270810e+03	3.753501e+03	1.963172e+02	9.972890e+02	7.592770e+03
[22966]	4.810405e+03	4.166634e+03	9.924829e+02	4.961920e+03	3.085810e+03
[22971]	4.939385e+03	2.773627e+03	1.723442e+03	1.424015e+03	3.075064e+02
[22976]	4.862587e+03	1.993687e+03	4.196256e+03	1.680715e+03	3.992494e+03
[22981]	5.068317e+03	3.364138e+02	5.084628e+03	6.446053e+03	2.703851e+03
[22986]	-5.484426e+02	2.217545e+03	1.050620e+03	1.163703e+03	3.184210e+03
[22991]	2.858108e+03	2.352999e+01	5.114440e+03	2.392687e+03	2.248693e+03
[22996]	2.773379e+03	1.127196e+03	2.978470e+03	6.963201e+03	2.484323e+03
[23001]	2.967566e+03	3.356704e+03	4.273651e+03	1.956119e+03	2.148876e+03
[23006]	2.237518e+03	4.385839e+03	1.396176e+02	3.693908e+02	1.061822e+03
[23011]	4.827479e+03	3.898646e+03	3.634800e+03	2.050979e+03	3.488481e+03
[23016]	6.190427e+02	5.894707e+03	2.726605e+03	4.215103e+03	4.207810e+03
[23021]	2.883224e+03	3.828950e+03	5.451226e+03	2.513331e+03	3.028302e+03
[23026]	3.786771e+03	1.338043e+03	4.195828e+03	2.165950e+03	2.561612e+03
[23031]	3.092506e+03	2.225760e+03	1.827659e+03	9.599440e+02	3.300518e+03
[23036]	3.654364e+03	3.657408e+03	4.835982e+03	4.250529e+03	5.210046e+03
[23041]	4.943743e+03	2.776781e+03	5.850337e+03	5.678476e+03	2.179719e+02
[23046]	3.059534e+03	1.942299e+03	4.212690e+03	1.230260e+03	2.369105e+03

[23051]	3.183681e+03	4.094823e+03	7.677941e+02	4.610145e+03	3.445449e+03
[23056]	2.180732e+03	3.002850e+03	1.741765e+03	1.771857e+03	5.384915e+03
[23061]	4.749709e+03	2.885729e+03	2.872208e+02	4.123052e+03	3.657062e+03
[23066]	5.916537e+03	5.125413e+03	4.483287e+03	1.977271e+03	3.999183e+03
[23071]	1.288126e+03	2.242680e+03	4.598059e+03	2.649212e+03	4.021770e+03
[23076]	1.932331e+03	3.330626e+03	1.004089e+03	2.682027e+03	4.730259e+03
[23081]	2.880636e+03	1.845475e+03	1.539097e+03	2.548907e+03	6.322294e+03
[23086]	1.740881e+03	2.569683e+03	4.140766e+03	2.667572e+03	1.224069e+03
[23091]	3.219300e+03	4.520007e+03	1.885206e+03	4.516833e+03	2.940463e+03
[23096]	2.790011e+03	2.872019e+03	3.553201e+03	4.158582e+03	2.419915e+03
[23101]	2.615363e+03	1.990291e+03	6.076382e+03	2.490095e+03	1.767717e+03
[23106]	1.226259e+03	3.262427e+03	1.457822e+03	1.701412e+03	2.293618e+03
[23111]	3.312041e+03	1.698200e+03	3.323604e+03	4.597476e+03	3.253125e+03
[23116]	4.442841e-01	4.298643e+03	4.154194e+03	3.950332e+03	2.499101e+03
[23121]	4.818973e+03	4.204927e+03	3.488327e+03	1.758369e+03	2.562516e+03
[23126]	2.862753e+03	2.991578e+03	2.108935e+03	3.780283e+03	5.149364e+03
[23131]	5.801486e+03	3.251633e+03	2.561051e+03	4.589772e+03	2.564596e+03
[23136]	4.596972e+03	2.204198e+03	-3.868354e+02	1.429839e+03	3.686898e+03
[23141]	2.846845e+03	3.984322e+03	5.979667e+03	3.684986e+03	3.145470e+03
[23146]	2.897756e+03	1.162415e+03	2.748953e+03	5.323645e+03	3.174194e+03
[23151]	2.814385e+03	3.936474e+03	4.926002e+03	3.766116e+03	2.708720e+03
[23156]	-2.495670e+02	3.487661e+03	3.295110e+03	3.389752e+03	2.428269e+03
[23161]	5.643724e+03	5.280746e+03	5.874902e+03	5.055038e+03	1.455519e+03
[23166]	2.985790e+03	3.685686e+03	4.581669e+03	1.529192e+03	5.021112e+03
[23171]	2.593681e+03	5.153187e+03	4.491350e+03	8.602620e+03	4.634727e+03
[23176]	1.620923e+03	1.343786e+01	2.698084e+03	3.706438e+03	2.056311e+03
[23181]	1.804314e+03	4.593300e+03	3.192214e+03	4.160531e+03	3.708387e+03
[23186]	5.048881e+03	2.318322e+03	2.319756e+03	3.122869e+03	2.860399e+03
[23191]	1.829618e+03	3.506449e+03	2.225080e+03	1.961007e+03	3.209440e+03
[23196]	2.466758e+03	2.620398e+03	4.084396e+03	2.804699e+03	4.420988e+03
[23201]	1.644493e+03	4.839904e+03	3.341567e+03	2.814271e+03	-1.469349e+02
[23206]	3.408186e+03	2.463272e+03	1.777720e+03	6.407139e+03	3.400460e+03
[23211]	2.704326e+03	4.243406e+03	2.816763e+03	2.060582e+03	1.648439e+03
[23216]	3.638890e+03	1.951663e+03	4.033676e+02	4.238429e+03	5.445031e+03
[23221]	4.438116e+03	4.943898e+03	2.225005e+03	4.607859e+03	5.109670e+03
[23226]	3.477003e+03	4.721887e+02	2.149013e+03	1.706666e+03	2.223601e+03
[23231]	3.952300e+03	3.922350e+03	4.868238e+03	5.527169e+03	4.405841e+03
[23236]	3.709863e+03	4.433703e+03	8.322285e+02	5.248513e+03	1.178413e+03
[23241]	2.654546e+03	2.196701e+03	3.979682e+03	2.349680e+03	4.514292e+03
[23246]	4.753103e+03	2.346606e+03	1.004313e+03	1.534864e+03	4.670553e+03
[23251]	4.087518e+03	5.743997e+03	3.847118e+03	2.601594e+03	4.090359e+03
[23256]	2.136822e+03	4.051935e+03	5.604682e+02	3.160710e+03	4.431762e+03
[23261]	3.941755e+03	2.722877e+03	5.388108e+02	5.499854e+03	2.557704e+03

[23266]	3.241317e+03	2.092705e+03	2.071745e+03	1.342772e+03	5.019302e+03
[23271]	2.912681e+03	4.229894e+03	4.554189e+03	3.303754e+03	4.176037e+03
[23276]	2.228121e+03	6.058864e+03	5.267534e+03	2.536918e+03	3.767063e+03
[23281]	2.765241e+03	1.090285e+03	1.286620e+03	1.630522e+03	1.814841e+03
[23286]	3.829210e+03	3.852289e+03	2.046986e+03	4.052452e+03	2.669064e+03
[23291]	5.202992e+03	4.964588e+03	1.672090e+03	1.760103e+03	3.195925e+03
[23296]	2.363379e+03	1.129177e+03	1.218394e+03	2.866489e+03	4.981476e+03
[23301]	3.939309e+03	3.569362e+02	6.447348e+03	2.699513e+03	4.040333e+03
[23306]	3.271861e+03	6.066786e+03	5.397101e+03	3.088278e+03	3.706806e+03
[23311]	2.008229e+03	4.817273e+03	4.827029e+03	4.612043e+03	3.389215e+03
[23316]	5.924744e+03	4.746664e+03	4.164726e+03	3.733820e+03	3.905580e+03
[23321]	5.323077e+03	2.167833e+03	4.405288e+03	3.854959e+03	1.005656e+03
[23326]	2.889180e+03	5.014768e+03	3.439406e+03	1.863011e+03	3.335972e+03
[23331]	2.824201e+03	1.804683e+03	3.660916e+03	1.493608e+03	5.271946e+03
[23336]	-1.216993e+03	4.188280e+03	3.896654e+03	2.918278e+03	2.561481e+03
[23341]	3.985352e+03	4.078233e+03	4.541155e+03	5.071411e+03	1.344637e+03
[23346]	1.791904e+03	3.400052e+03	5.521217e+03	-1.688308e+03	4.258992e+02
[23351]	4.040784e+03	3.515728e+03	2.106712e+03	2.893718e+03	4.119092e+03
[23356]	3.440003e+03	2.928423e+03	5.161495e+03	2.629815e+03	5.550235e+03
[23361]	4.567303e+03	4.465061e+03	2.688891e+03	4.721249e+03	2.279402e+03
[23366]	3.067141e+03	2.292598e+03	3.281935e+03	2.829560e+03	3.400910e+03
[23371]	1.914540e+03	4.838736e+03	5.516099e+03	2.301928e+03	2.797856e+03
[23376]	2.442401e+03	1.942244e+03	1.806390e+03	4.811196e+03	1.558608e+03
[23381]	4.926223e+03	1.571356e+03	2.613420e+03	3.592412e+03	3.408408e+03
[23386]	2.154077e+03	4.547184e+03	9.437373e+02	5.013937e+03	3.420237e+03
[23391]	1.177690e+03	2.836713e+03	4.461685e+03	2.240220e+03	2.890397e+03
[23396]	3.235083e+03	1.383322e+03	4.593601e+03	2.737520e+03	4.878170e+03
[23401]	2.908750e+03	3.149167e+03	4.694723e+03	3.235318e+03	2.519602e+03
[23406]	2.772813e+03	4.121682e+03	2.232384e+03	4.236979e+03	4.344033e+03
[23411]	3.155197e+03	3.409945e+03	4.112443e+03	4.807666e+03	4.278707e+03
[23416]	3.552637e+03	2.892880e+03	4.730351e+03	2.170562e+03	7.445149e+01
[23421]	4.540877e+03	4.903860e+03	-2.376421e+01	2.230289e+03	4.284481e+03
[23426]	6.481022e+03	1.663324e+03	1.699363e+03	2.948638e+03	5.144164e+03
[23431]	2.084787e+03	3.801134e+03	4.270177e+03	4.437115e+03	5.585029e+03
[23436]	2.117006e+03	3.577195e+03	3.190073e+03	2.461941e+01	7.062741e+02
[23441]	3.131607e+03	3.103192e+03	2.744134e+03	2.047414e+03	3.853380e+03
[23446]	4.268602e+03	4.945619e+03	3.473189e+03	3.058680e+03	2.331990e+03
[23451]	3.479057e+03	4.298548e+03	3.379876e+03	6.972476e+02	2.933454e+03
[23456]	4.061676e+03	3.659512e+03	3.239513e+03	5.173920e+03	-1.832931e+03
[23461]	5.744711e+03	2.641995e+03	4.979021e+03	6.139381e+03	3.886706e+02
[23466]	2.993359e+03	2.126480e+03	3.215523e+03	2.772520e+03	1.935245e+03
[23471]	7.818030e+02	3.636625e+03	6.574130e+02	4.774724e+02	2.469751e+03
[23476]	3.982663e+03	3.473858e+03	1.378734e+03	2.457514e+03	2.988620e+02

[23481]	3.026657e+03	5.243144e+03	2.058434e+03	3.256011e+03	3.583015e+03
[23486]	1.377979e+03	2.963812e+03	2.501321e+03	2.847636e+03	2.421524e+03
[23491]	4.962797e+03	1.787196e+03	2.887437e+03	3.053185e+03	3.577999e+03
[23496]	1.775326e+03	2.831269e+03	2.477869e+03	2.018547e+03	1.528811e+03
[23501]	3.197511e+03	1.223286e+03	-1.562599e+03	4.996803e+03	3.309371e+03
[23506]	3.579187e+03	5.060753e+03	2.439961e+03	4.615755e+03	4.236348e+03
[23511]	1.382928e+03	2.625081e+03	3.985797e+03	1.552754e+03	3.051668e+03
[23516]	3.109596e+03	3.292586e+03	1.237463e+03	3.945267e+03	1.718542e+03
[23521]	5.251287e+03	1.411608e+02	3.259681e+03	3.212613e+03	5.319004e+03
[23526]	4.087271e+03	5.888628e+03	5.169749e+03	1.987261e+03	5.203216e+03
[23531]	2.790015e+03	3.317422e+03	-1.168916e+03	4.793303e+03	5.460175e+03
[23536]	2.073668e+03	3.885920e+03	4.318736e+03	4.649056e+03	4.223158e+03
[23541]	-1.521262e+02	2.927343e+03	1.850284e+03	2.333812e+03	6.427718e+03
[23546]	2.004313e+03	3.035510e+03	2.492706e+03	4.327768e+03	3.934292e+03
[23551]	3.967302e+03	4.706081e+03	2.045835e+03	4.503330e+03	4.217941e+03
[23556]	3.786191e+03	2.216001e+03	2.485362e+03	3.596091e+03	2.947122e+03
[23561]	8.816066e+02	3.464496e+03	4.284034e+03	4.201592e+03	3.000410e+03
[23566]	4.002853e+03	5.762021e+03	3.943999e+03	5.553005e+03	5.088436e+03
[23571]	3.919462e+02	1.578464e+03	4.543008e+03	4.043370e+03	5.930701e+03
[23576]	7.195022e+03	4.949140e+03	3.621465e+03	2.263518e+03	5.009182e+03
[23581]	2.564833e+03	7.093955e+03	3.041000e+03	2.476542e+03	1.154913e+03
[23586]	9.626644e+02	2.791978e+03	4.714612e+03	6.255831e+03	2.598192e+02
[23591]	1.957788e+03	3.665327e+03	2.622198e+03	3.264222e+03	4.236680e+03
[23596]	5.185836e+03	4.348357e+03	4.066580e+03	2.176044e+03	1.194859e+03
[23601]	1.648776e+03	4.460714e+03	2.982501e+03	1.856731e+03	2.619342e+03
[23606]	3.990076e+01	4.791540e+03	3.949947e+03	2.820690e+03	2.366025e+03
[23611]	3.139682e+03	3.663480e+03	1.387346e+03	1.163565e+03	4.497202e+03
[23616]	4.839503e+03	4.128562e+03	3.425644e+03	3.114316e+03	3.364001e+03
[23621]	2.950353e+03	2.596568e+03	-1.041333e+03	2.707897e+03	2.875148e+03
[23626]	5.483434e+03	1.409839e+03	3.799401e+03	-5.492218e+01	3.118542e+03
[23631]	3.249719e+03	2.701882e+03	2.241836e+03	1.955088e+03	2.653324e+03
[23636]	2.202790e+03	5.584852e+03	1.891750e+03	3.217568e+03	4.734251e+03
[23641]	2.963759e+03	6.174810e+03	4.241324e+03	5.603882e+03	2.909387e+03
[23646]	2.830732e+03	4.474220e+03	1.443682e+03	3.928696e+03	2.836043e+03
[23651]	4.315801e+03	4.757809e+03	1.499021e+03	2.449154e+03	3.586852e+03
[23656]	3.539925e+03	2.941636e+03	2.237685e+03	1.562530e+03	1.763208e+03
[23661]	2.481317e+03	2.697306e+03	3.586077e+03	3.507374e+02	6.202674e+03
[23666]	3.944833e+03	2.021821e+03	3.114230e+03	2.839256e+03	2.065423e+03
[23671]	1.812938e+03	2.570023e+03	2.978649e+03	3.750902e+03	2.202267e+03
[23676]	4.080199e+03	1.950792e+03	3.856051e+02	5.673207e+03	4.274032e+03
[23681]	1.627516e+03	5.127290e+03	5.318709e+03	1.459695e+03	2.160582e+03
[23686]	6.161343e+03	8.972026e+02	2.469395e+03	2.295572e+03	2.774469e+03
[23691]	2.892247e+03	3.226269e+03	3.185969e+03	4.651925e+03	4.016187e+03

[23696]	3.896802e+03	4.490163e+03	1.618056e+03	1.650593e+03	2.122742e+03
[23701]	4.867107e+03	1.909983e+03	4.053511e+02	6.671683e+03	3.765779e+03
[23706]	2.166625e+03	4.673656e+03	2.899359e+03	2.163769e+03	3.717213e+03
[23711]	3.927618e+03	5.892913e+03	3.748223e+03	3.513158e+03	2.240983e+03
[23716]	1.737714e+02	1.637475e+03	2.073054e+03	3.843322e+03	4.760570e+03
[23721]	1.841807e+03	5.275227e+03	5.164987e+03	5.711374e+03	4.385861e+03
[23726]	5.424771e+03	-2.408215e+03	3.366165e+03	2.126401e+03	3.229638e+03
[23731]	5.834383e+03	4.225650e+03	3.110138e+03	4.854432e+03	4.620963e+03
[23736]	3.332511e+03	4.052908e+03	1.960168e+03	4.938965e+03	4.665259e+03
[23741]	2.215764e+03	6.730036e+03	1.187875e+03	2.855915e+03	3.221163e+03
[23746]	3.545993e+03	1.657854e+03	3.279293e+03	2.278620e+02	3.750765e+03
[23751]	4.250044e+03	5.004476e+03	2.960655e+03	4.483844e+03	3.679062e+03
[23756]	4.768602e+03	3.473392e+03	4.092763e+03	3.837959e+03	1.384218e+02
[23761]	3.227805e+03	3.553162e+03	5.225113e+03	4.928656e+03	1.534216e+03
[23766]	4.311690e+03	5.330211e+03	3.849784e+03	4.573570e+03	4.071742e+03
[23771]	8.800093e+02	4.543157e+03	2.967463e+03	2.915778e+03	2.750040e+03
[23776]	1.319789e+03	4.163828e+03	3.761322e+03	2.092179e+03	8.435497e+02
[23781]	3.720082e+03	1.792048e+03	5.660878e+03	4.172591e+03	2.152307e+03
[23786]	2.827978e+03	5.108567e+03	3.545346e+03	3.579466e+03	2.344735e+03
[23791]	2.267484e+03	1.858458e+03	4.428207e+03	4.384921e+03	2.975396e+03
[23796]	4.124991e+03	2.941253e+03	6.354663e+02	6.761376e+03	2.297549e+03
[23801]	3.861496e+03	4.142437e+03	4.874113e+03	1.785926e+03	2.561099e+02
[23806]	4.394909e+03	4.447166e+03	3.420192e+03	2.602012e+03	6.939981e+02
[23811]	4.579051e+03	3.178686e+03	2.479818e+03	3.227843e+03	3.375532e+03
[23816]	4.071464e+03	3.958102e+03	5.864837e+03	6.577547e+03	3.047589e+02
[23821]	2.807910e+03	2.232712e+03	2.432791e+03	8.857007e+02	5.680129e+03
[23826]	1.201258e+03	1.287059e+03	5.061919e+03	7.705327e+02	4.350962e+03
[23831]	2.692979e+03	1.985319e+03	3.580206e+03	1.896721e+03	3.686866e+03
[23836]	1.901685e+03	3.295274e+03	-1.659361e+01	1.966812e+03	5.097096e+03
[23841]	2.176421e+03	7.930520e+01	5.571533e+03	5.262982e+03	5.135473e+03
[23846]	4.017637e+03	4.989261e+03	2.642676e+03	2.950136e+03	2.414786e+03
[23851]	1.297196e+03	2.096962e+03	3.421259e+03	4.281298e+03	6.309936e+03
[23856]	2.392375e+03	3.036895e+03	4.428607e+03	4.716047e+03	4.237753e+03
[23861]	1.476098e+03	2.982844e+03	3.037127e+03	5.855190e+03	1.282125e+03
[23866]	3.348127e+03	8.706351e+02	1.494244e+03	1.932794e+03	4.995798e+03
[23871]	1.436461e+03	-2.385060e+02	1.726516e+03	4.279999e+03	4.662278e+03
[23876]	7.109625e+03	3.389478e+03	2.920215e+03	3.418838e+03	2.135993e+03
[23881]	4.726007e+03	4.333453e+03	2.761474e+03	5.781001e+03	1.735083e+03
[23886]	4.235881e+03	3.579996e+03	4.628166e+03	2.154103e+03	2.408260e+03
[23891]	1.399456e+03	1.391969e+03	2.737086e+03	3.178053e+03	2.034811e+03
[23896]	4.101437e+03	1.475918e+03	1.186879e+03	8.791233e+02	1.879941e+03
[23901]	3.568032e+03	5.446611e+03	2.535778e+03	4.970774e+03	4.527139e+03
[23906]	2.313012e+03	1.807262e+03	1.970566e+03	3.810135e+03	1.842928e+03



[23911]	2.157859e+03	2.996561e+03	6.144772e+03	-5.084277e+00	4.002573e+03
[23916]	2.421458e+03	4.522860e+03	3.552175e+03	4.024515e+03	3.769796e+03
[23921]	2.708554e+03	4.425476e+03	7.000181e+03	4.287960e+03	1.958254e+03
[23926]	2.407446e+03	3.825228e+03	2.797239e+03	-4.933766e+02	3.037978e+03
[23931]	1.899392e+03	9.341258e+02	2.857625e+03	4.760463e+03	2.584580e+03
[23936]	6.187476e+03	2.989122e+03	1.392579e+03	-1.729228e+03	3.482703e+03
[23941]	4.009278e+03	3.225141e+03	3.583991e+03	3.286282e+03	2.946214e+03
[23946]	3.683429e+03	5.304747e+03	5.314337e+03	4.279333e+03	5.438645e+03
[23951]	4.841559e+03	3.031977e+03	3.838001e+03	2.478082e+03	6.133408e+03
[23956]	3.435623e+03	1.829204e+03	1.475750e+03	3.549775e+02	1.840584e+03
[23961]	2.866958e+03	3.345015e+03	2.847274e+03	6.211364e+03	4.136900e+03
[23966]	5.445537e+03	4.284953e+03	2.993228e+03	2.160957e+03	2.931975e+03
[23971]	2.289433e+03	5.659259e+03	3.622865e+03	3.590666e+03	3.657315e+03
[23976]	3.659333e+03	4.427884e+03	2.995050e+03	3.005502e+03	3.442060e+03
[23981]	3.049593e+03	1.214787e+03	2.829970e+03	1.661941e+03	3.784980e+03
[23986]	3.094959e+03	4.374281e+03	6.219433e+03	5.072634e+03	3.637860e+03
[23991]	4.827242e+03	8.381170e+02	4.692996e+03	4.524776e+03	2.092258e+03
[23996]	3.488184e+03	8.105037e+02	3.664714e+03	3.920694e+03	2.288858e+03
[24001]	4.293992e+03	1.507632e+03	5.456030e+03	3.301362e+03	2.875513e+03
[24006]	1.016954e+03	2.587799e+03	2.511523e+03	1.705454e+03	1.790541e+03
[24011]	2.374223e+03	5.044118e+03	4.722806e+03	5.937112e+03	4.250594e+03
[24016]	1.884280e+03	4.208961e+03	6.042677e+02	2.364323e+03	3.982088e+03
[24021]	3.045182e+03	2.500829e+03	3.149501e+03	2.435915e+03	3.037256e+03
[24026]	3.490938e+03	5.475143e+03	3.034449e+03	2.328072e+03	1.832806e+03
[24031]	3.817469e+03	2.992601e+03	2.713620e+03	2.699742e+03	4.104127e+03
[24036]	5.480342e+03	4.544454e+03	4.731891e+03	3.858500e+03	6.476442e+03
[24041]	4.159879e+03	2.041165e+03	1.182155e+03	1.533416e+03	1.781141e+03
[24046]	3.462718e+03	1.324894e+03	4.268565e+03	4.317340e+03	2.748732e+03
[24051]	1.916435e+03	1.452918e+03	4.687427e+03	2.640343e+03	5.324483e+03
[24056]	1.672027e+03	6.074422e+03	2.309408e+03	4.522641e+02	2.419937e+03
[24061]	-1.513307e+03	1.999230e+03	2.447505e+03	3.045282e+03	2.062643e+03
[24066]	2.891781e+03	3.243608e+03	4.604348e+03	3.358677e+03	4.372205e+03
[24071]	4.778470e+03	4.027770e+03	2.348408e+03	1.505286e+03	4.677772e+03
[24076]	4.163397e+03	3.392272e+03	4.321419e+03	2.540771e+03	3.102879e+03
[24081]	3.080040e+03	2.612968e+03	3.245694e+03	3.248897e+03	5.257370e+03
[24086]	2.607671e+03	2.337166e+03	6.127993e+03	2.152053e+02	1.268644e+03
[24091]	1.572089e+03	1.708363e+03	4.350725e+03	2.161567e+03	1.418302e+03
[24096]	4.001810e+03	2.226839e+03	4.205031e+03	8.961377e+02	5.365441e+03
[24101]	3.341146e+03	5.438313e+03	2.019060e+03	4.548821e+03	2.503568e+03
[24106]	4.450773e+03	-3.034200e+02	4.539520e+03	-5.688718e+01	5.490642e+03
[24111]	2.279013e+03	2.841926e+03	5.172722e+03	2.410707e+03	6.269631e+03
[24116]	3.708275e+03	3.602915e+03	3.770495e+03	3.895470e+03	4.631376e+03
[24121]	2.729550e+03	2.282643e+03	2.939644e+03	2.532699e+03	4.944983e+03

[24126]	2.219306e+03	2.758173e+03	5.359024e+03	3.676982e+03	3.881563e+03
[24131]	3.909330e+03	1.220775e+03	4.205290e+03	9.993257e+02	3.852420e+03
[24136]	1.052764e+03	2.131612e+03	2.337674e+03	2.758157e+03	3.131605e+03
[24141]	2.191445e+03	4.511762e+03	6.277757e+03	5.371533e+03	3.610825e+03
[24146]	3.154201e+03	1.126919e+03	3.322821e+03	5.496698e+03	4.969262e+03
[24151]	3.492058e+03	4.524826e+03	3.212206e+03	2.722248e+03	4.585923e+03
[24156]	2.174910e+03	2.222444e+03	6.047657e+03	4.406290e+03	3.420101e+03
[24161]	4.380750e+03	3.864422e+03	1.524471e+03	3.290061e+03	4.189137e+03
[24166]	3.395939e+03	6.875106e+03	3.786458e+03	1.613936e+03	4.862782e+03
[24171]	4.036090e+03	3.499270e+03	4.697704e+03	3.587787e+03	4.543539e+03
[24176]	5.199536e+03	1.616316e+03	5.104735e+03	5.711995e+03	3.461929e+03
[24181]	2.011455e+03	3.397821e+03	2.868763e+03	3.626559e+03	2.810208e+03
[24186]	4.994719e+03	1.894101e+03	8.499039e+03	2.506361e+03	4.151162e+03
[24191]	4.790943e+03	3.137171e+03	3.447920e+03	5.636080e+03	-5.405668e+02
[24196]	2.069172e+03	1.657840e+03	3.059737e+03	1.782449e+03	3.855382e+03
[24201]	2.113600e+03	4.316049e+03	3.864577e+03	6.053729e+03	2.507246e+03
[24206]	-2.865464e+02	2.438266e+03	1.479288e+03	2.706862e+03	4.071154e+03
[24211]	1.642970e+03	3.186125e+03	3.314182e+03	4.018206e+03	4.241584e+03
[24216]	3.065443e+03	4.179800e+03	1.179321e+03	3.576974e+03	3.945705e+03
[24221]	3.395229e+03	4.403549e+03	3.603761e+03	5.080240e+03	3.587005e+03
[24226]	6.522023e+03	4.044537e+02	4.616852e+03	4.324112e+03	2.326959e+03
[24231]	4.219565e+03	1.161385e+03	3.771232e+03	4.589381e+03	3.792865e+03
[24236]	2.164434e+03	4.616018e+03	3.267378e+03	3.648213e+03	4.917528e+03
[24241]	3.209134e+03	4.185836e+03	4.314260e+03	2.605437e+03	5.944911e+03
[24246]	4.323235e+03	2.066880e+03	6.224226e+02	1.478587e+03	2.504764e+03
[24251]	1.373263e+03	6.010482e+03	2.968112e+03	3.862836e+03	1.969890e+03
[24256]	3.087308e+03	3.532545e+03	2.069593e+03	1.479088e+03	2.132352e+03
[24261]	3.480676e+03	2.067896e+03	2.620454e+03	6.253492e+03	4.356454e+03
[24266]	1.399356e+03	5.079543e+03	2.456616e+03	-2.472729e+02	2.168055e+03
[24271]	2.197513e+03	2.322991e+03	2.505871e+03	2.726775e+03	4.100833e+03
[24276]	3.115996e+03	4.477575e+03	3.543241e+03	4.276471e+03	3.416102e+03
[24281]	4.123901e+02	5.098829e+03	3.738501e+03	4.315977e+03	6.104600e+02
[24286]	2.056455e+03	3.027526e+03	4.086652e+03	3.452767e+03	3.384350e+03
[24291]	7.055923e+02	2.689045e+03	5.367481e+02	3.720419e+03	6.908376e+03
[24296]	4.907974e+03	3.104272e+03	4.074711e+03	4.263121e+03	4.191588e+03
[24301]	4.449957e+03	4.151016e+03	2.546034e+03	2.145947e+03	5.265878e+03
[24306]	5.246658e+03	1.543437e+03	2.493288e+02	3.591929e+03	7.137138e+02
[24311]	3.622609e+03	4.711850e+03	4.691736e+03	2.352133e+03	8.604719e+02
[24316]	2.444757e+03	1.224625e+03	8.310235e+02	1.849887e+03	3.396131e+03
[24321]	2.210886e+03	2.281130e+03	2.932050e+03	3.870882e+03	3.704973e+03
[24326]	1.702751e+03	4.838064e+03	3.319429e+03	6.443269e+02	1.666575e+03
[24331]	2.720549e+03	1.704461e+03	5.297433e+03	3.826424e+03	3.213445e+03
[24336]	4.084444e+03	2.086410e+03	1.250097e+03	4.710063e+03	2.087737e+03

[24341]	5.373382e+03	2.757623e+03	3.812358e+03	1.221765e+03	2.155490e+03
[24346]	1.953412e+03	4.795685e+03	4.063404e+03	5.354359e+03	1.905064e+03
[24351]	6.689268e+03	2.553402e+03	6.555177e+03	3.686251e+03	3.621829e+03
[24356]	5.087388e+03	6.205898e+03	1.395851e+03	6.525991e+02	3.671576e+03
[24361]	3.107281e+03	3.760375e+03	6.322755e+03	3.321537e+03	4.084038e+03
[24366]	4.797841e+03	3.735299e+03	2.988870e+03	2.062315e+03	3.335807e+03
[24371]	1.419125e+03	3.395371e+03	4.385275e+03	-2.605042e+02	4.532783e+03
[24376]	4.056659e+03	2.643126e+03	5.321737e+03	2.257698e+03	3.712892e+03
[24381]	3.903020e+03	4.418343e+03	3.654622e+03	3.991695e+03	1.993242e+03
[24386]	3.063459e+03	3.479707e+03	2.499907e+03	6.208249e+03	1.670600e+03
[24391]	4.393194e+03	2.747492e+03	6.025908e+03	5.602821e+03	5.294618e+03
[24396]	5.344924e+03	3.452330e+03	5.246178e+03	5.973810e+03	3.155405e+03
[24401]	3.538808e+03	4.399091e+03	4.159849e+03	3.468646e+03	3.520640e+03
[24406]	3.108893e+03	4.200086e+03	2.447755e+03	4.192494e+03	6.816848e+03
[24411]	1.900264e+03	1.542412e+03	4.688628e+03	2.118809e+03	1.522683e+03
[24416]	1.314276e+03	3.076071e+03	1.552336e+03	3.625377e+03	4.576937e+03
[24421]	4.386743e+03	2.421803e+03	7.223585e+03	4.014342e+03	3.761905e+03
[24426]	2.877005e+03	3.228569e+03	4.313206e+03	6.608827e+03	2.740190e+03
[24431]	2.957830e+03	5.934705e+03	5.965285e+03	2.904601e+03	3.567753e+03
[24436]	3.760422e+03	7.148213e+03	3.679500e+03	1.743162e+03	4.180798e+03
[24441]	4.035517e+03	5.604545e+03	2.901243e+03	8.745704e+02	4.169495e+03
[24446]	2.840697e+03	3.210072e+03	2.401394e+03	3.178089e+03	3.860981e+03
[24451]	3.173224e+03	6.192754e+03	3.839910e+03	3.659291e+03	3.244801e+03
[24456]	2.064180e+03	9.815070e+02	2.778962e+03	3.338104e+03	4.171257e+03
[24461]	5.684468e+03	2.562126e+03	5.294447e+03	5.547784e+03	2.466304e+03
[24466]	1.099928e+03	2.618798e+02	1.403313e+03	2.943791e+03	2.961649e+03
[24471]	3.821517e+03	4.940606e+03	5.964919e+03	2.799608e+03	2.419546e+03
[24476]	5.804234e+03	8.874760e+02	5.336682e+03	1.501259e+03	3.840432e+03
[24481]	3.490609e+03	2.526231e+03	1.233511e+03	4.392877e+03	1.917139e+03
[24486]	3.025129e+03	3.033907e+03	5.517935e+02	4.188897e+03	-3.484491e+02
[24491]	2.835577e+03	3.556694e+03	5.118836e+03	4.419783e+03	4.203881e+03
[24496]	2.647671e+03	6.642477e+03	3.465661e+03	2.144444e+03	-4.681885e+02
[24501]	3.407994e+03	1.889884e+03	6.030384e+03	8.175079e+02	4.943214e+03
[24506]	6.945698e+02	3.110951e+03	5.430574e+03	5.523433e+03	4.935186e+03
[24511]	3.482450e+03	1.723552e+03	4.689634e+03	2.710419e+02	4.410027e+03
[24516]	4.015977e+03	4.803732e+03	2.957243e+03	1.149271e+03	3.555327e+03
[24521]	2.537463e+03	3.701762e+03	1.649431e+03	1.133266e+03	4.860456e+03
[24526]	4.784114e+03	4.003933e+03	3.087219e+03	2.770173e+03	3.827645e+03
[24531]	1.938685e+03	2.057580e+03	3.025376e+03	3.869143e+03	2.000041e+03
[24536]	1.795141e+03	2.553177e+03	5.000373e+03	1.555299e+03	3.237559e+03
[24541]	6.830868e+03	3.077042e+03	3.069181e+03	2.321618e+03	2.862354e+03
[24546]	4.679804e+03	2.839011e+03	4.115850e+03	3.752719e+03	3.337814e+03
[24551]	2.900542e+03	1.122742e+03	1.650115e+03	4.409053e+03	6.068255e+03

[24556]	3.972558e+03	2.482043e+02	2.033494e+03	4.291767e+03	1.620948e+03
[24561]	3.519255e+03	-1.416738e+03	3.904245e+03	1.082948e+03	2.921680e+03
[24566]	3.930282e+03	8.096825e+02	3.010859e+03	-8.602597e+02	4.492467e+03
[24571]	4.683188e+03	4.649900e+03	3.614449e+03	3.915689e+03	3.814696e+03
[24576]	3.067254e+03	1.918124e+03	5.055947e+03	4.028335e+03	1.349839e+03
[24581]	4.797302e+03	4.077719e+03	5.371900e+03	3.888262e+03	2.402512e+03
[24586]	2.405485e+02	5.356367e+02	4.551071e+03	4.046998e+03	8.827405e+02
[24591]	4.373297e+03	3.018799e+03	3.690350e+03	3.027153e+03	3.339467e+03
[24596]	1.191688e+03	5.285374e+03	7.152578e+03	5.785410e+03	1.720061e+03
[24601]	3.490610e+03	2.316445e+03	4.283728e+03	4.709388e+02	4.489812e+03
[24606]	2.542083e+03	1.418991e+03	3.521262e+03	2.463200e+03	4.068947e+03
[24611]	4.543261e+02	4.407149e+03	4.434196e+03	2.622924e+03	1.812335e+03
[24616]	3.788423e+03	9.447283e+02	2.686981e+03	2.459018e+03	1.049652e+03
[24621]	3.777343e+03	5.452433e+03	2.829724e+03	4.138202e+03	3.298870e+03
[24626]	5.327899e+03	3.165970e+03	2.508002e+03	4.158757e+03	3.333182e+03
[24631]	3.279821e+03	1.254164e+03	2.042244e+03	2.108937e+03	3.585825e+03
[24636]	5.182191e+03	4.807132e+03	5.297446e+03	3.107681e+03	5.228575e+03
[24641]	3.514268e+03	6.009974e+03	2.156862e+03	3.442649e+03	2.075907e+03
[24646]	3.588882e+03	2.626041e+03	1.629374e+03	4.464659e+03	1.666222e+03
[24651]	2.933426e+03	2.670366e+03	3.821572e+03	2.753739e+03	4.002330e+03
[24656]	5.098471e+03	5.956112e+03	1.621644e+03	1.459795e+03	4.932242e+03
[24661]	3.562169e+03	2.430531e+03	1.041351e+03	2.669562e+03	2.554447e+03
[24666]	3.279939e+03	3.931319e+03	2.421969e+03	3.284699e+03	4.600446e+03
[24671]	1.630732e+03	4.181250e+03	2.606295e+03	1.787320e+03	5.863438e+03
[24676]	1.562858e+03	5.250180e+03	4.052456e+03	4.061158e+03	5.008415e+03
[24681]	4.297962e+03	2.298022e+03	3.535879e+03	4.792603e+03	2.446724e+03
[24686]	1.411419e+03	5.648065e+03	3.971541e+03	4.544855e+03	3.592094e+03
[24691]	6.141836e+03	2.830611e+03	2.873734e+03	4.243667e+03	4.374048e+03
[24696]	1.567669e+03	2.990897e+03	6.422575e+03	9.173470e+02	1.844151e+03
[24701]	5.832471e+03	4.296355e+03	4.642367e+03	2.594435e+03	3.485863e+03
[24706]	3.242575e+03	1.497125e+03	4.410635e+03	2.750478e+03	4.216744e+03
[24711]	3.242579e+03	2.163199e+03	2.671306e+03	6.615448e+02	5.351677e+03
[24716]	4.086131e+03	8.223437e+02	4.698102e+03	3.971825e+03	1.610427e+03
[24721]	3.554850e+03	4.870069e+03	8.363261e+02	2.954494e+03	5.121055e+03
[24726]	1.303234e+03	2.217495e+03	4.057869e+03	1.926437e+03	1.997688e+03
[24731]	1.870551e+03	3.131588e+03	4.217229e+03	2.853796e+03	4.187004e+03
[24736]	1.275684e+03	3.718752e+03	1.924431e+03	3.483625e+03	3.552549e+03
[24741]	4.548274e+02	2.577121e+03	2.912937e+03	3.306235e+03	2.571230e+03
[24746]	3.670909e+03	5.315513e+03	3.627848e+03	4.719788e+03	6.783185e+03
[24751]	1.583471e+03	3.133279e+03	5.101141e+03	5.189922e+03	9.123087e+02
[24756]	2.369463e+03	2.157011e+03	2.707808e+03	2.837622e+03	2.547956e+03
[24761]	2.181394e+03	3.107850e+02	3.280019e+03	1.338998e+03	1.217414e+03
[24766]	2.684177e+03	3.961156e+02	6.720212e+03	1.931207e+03	4.197242e+03

[24771]	3.967135e+02	3.688897e+03	6.356118e+03	3.737504e+03	3.613196e+03
[24776]	1.381295e+02	4.886255e+03	3.540880e+03	3.841619e+03	4.634172e+03
[24781]	2.579004e+03	1.009789e+03	7.750936e+02	5.263685e+03	2.529607e+03
[24786]	3.134940e+03	4.278744e+03	3.366781e+03	1.943858e+03	3.502895e+03
[24791]	2.036452e+03	2.263796e+03	4.358574e+03	6.689225e+03	3.474822e+03
[24796]	2.983171e+03	3.879962e+03	3.818475e+03	3.583467e+03	2.551998e+03
[24801]	3.376606e+03	3.782091e+03	2.696354e+03	5.823714e+03	1.896927e+03
[24806]	2.545936e+03	2.568305e+03	3.387751e+03	4.009967e+03	1.057295e+03
[24811]	3.088943e+03	4.094191e+03	5.257409e+03	3.792712e+03	3.358366e+03
[24816]	4.674926e+03	2.147229e+03	2.530051e+02	4.058700e+03	3.280512e+03
[24821]	3.578061e+03	3.897379e+03	3.669873e+03	4.077979e+03	4.594551e+03
[24826]	2.537854e+03	3.889327e+03	4.943217e+03	2.136684e+03	2.609169e+03
[24831]	5.773965e+03	6.039182e+03	1.296860e+03	4.272530e+03	2.876227e+03
[24836]	4.864874e+03	2.704294e+03	6.026925e+03	3.383728e+03	1.446581e+03
[24841]	4.360885e+03	5.650953e+03	3.994502e+03	3.380492e+03	-2.542861e+02
[24846]	5.589585e+02	3.464046e+03	3.090919e+02	1.707037e+03	2.681267e+03
[24851]	2.175979e+03	2.716405e+03	5.192789e+03	2.594858e+03	2.167920e+03
[24856]	3.985353e+03	3.998337e+03	2.289533e+03	4.492830e+03	2.343909e+03
[24861]	2.568319e+03	4.014929e+03	3.600463e+03	3.473206e+03	2.101584e+03
[24866]	2.330282e+03	2.408002e+03	3.981796e+03	2.483565e+03	3.698100e+03
[24871]	3.003148e+03	3.967406e+03	3.193755e+03	5.839119e+03	2.788974e+03
[24876]	3.291318e+03	1.588032e+03	1.786331e+03	3.049542e+03	2.475369e+03
[24881]	2.729712e+03	4.905734e+03	2.729696e+03	9.810797e+02	5.306578e+03
[24886]	2.234296e+03	5.741400e+03	5.991208e+03	4.144292e+03	4.287493e+03
[24891]	4.812706e+03	2.876781e+03	3.021452e+03	4.190608e+03	4.186220e+03
[24896]	2.024345e+03	4.399623e+03	3.584465e+03	3.717247e+03	2.068506e+03
[24901]	2.883331e+03	3.569949e+03	4.715299e+03	7.170031e+02	4.953584e+03
[24906]	4.132133e+03	4.158634e+03	6.367507e+03	-4.039436e+02	3.104094e+03
[24911]	2.900559e+03	4.527226e+03	2.758394e+03	-2.261864e+03	3.526218e+03
[24916]	3.509496e+03	6.132183e+03	1.741232e+03	4.518967e+03	3.693785e+03
[24921]	5.511954e+00	4.672713e+03	2.374561e+03	1.686789e+03	4.067312e+03
[24926]	4.373277e+03	5.250550e+02	1.288744e+03	4.712716e+03	3.124164e+03
[24931]	2.302502e+03	2.312700e+03	5.129682e+03	2.675228e+03	3.644481e+03
[24936]	3.898616e+03	4.068497e+03	4.224433e+03	4.447221e+03	6.205357e+03
[24941]	4.476574e+03	2.315685e+03	1.197265e+03	3.730279e+03	1.268351e+03
[24946]	3.243676e+03	6.338628e+03	3.441756e+03	5.773760e+03	9.702638e+02
[24951]	2.650909e+03	4.352445e+03	5.924656e+03	3.580546e+03	3.949478e+03
[24956]	1.948019e+03	3.468671e+03	5.207283e+03	2.742276e+03	6.417520e+03
[24961]	4.432083e+03	2.287426e+03	2.069732e+03	3.124548e+03	5.939881e+03
[24966]	4.321883e+03	5.079999e+03	2.696353e+03	2.609210e+03	3.743729e+03
[24971]	5.398885e+03	3.660524e+03	4.475319e+03	2.471184e+03	2.416122e+03
[24976]	1.817073e+03	2.548703e+03	3.309263e+03	4.797127e+02	5.780831e+03
[24981]	1.133850e+03	3.637058e+03	3.559188e+03	-2.100661e+02	1.512462e+03

[24986]	6.024722e+03	2.510292e+03	3.117648e+03	3.278794e+03	5.280147e+03
[24991]	1.136523e+03	1.239609e+03	1.984015e+03	2.565557e+03	2.083286e+03
[24996]	1.892464e+03	1.846063e+03	3.605729e+03	9.897647e+02	2.501014e+03
[25001]	1.194678e+03	4.966665e+03	5.619960e+03	4.069894e+03	6.142564e+03
[25006]	3.888487e+03	2.644546e+03	3.859322e+03	1.822830e+03	1.921776e+03
[25011]	3.255685e+03	1.943081e+03	5.218691e+03	2.805747e+03	3.071938e+03
[25016]	1.247349e+03	5.505568e+03	3.292657e+03	5.047599e+03	8.937467e+02
[25021]	5.325097e+03	1.080813e+03	4.872146e+03	2.124487e+02	1.451561e+03
[25026]	3.194249e+03	2.879589e+03	2.481729e+03	4.076945e+03	3.279349e+03
[25031]	7.516580e+02	4.277265e+03	3.485192e+03	4.381431e+03	3.187547e+03
[25036]	-2.694410e+02	1.381586e+03	2.800052e+03	5.568576e+03	3.894172e+03
[25041]	5.723522e+03	3.691567e+03	2.374154e+03	3.420125e+03	4.972285e+03
[25046]	1.742201e+03	1.015671e+03	3.322863e+03	4.726947e+03	3.393150e+03
[25051]	5.325870e+03	3.096113e+03	2.071135e+03	2.762627e+03	-5.437761e+02
[25056]	4.552780e+03	4.546754e+03	4.290711e+03	2.326697e+03	2.976792e+03
[25061]	2.099429e+03	4.373271e+03	3.854210e+03	5.638221e+03	3.200571e+03
[25066]	1.523950e+03	2.172218e+03	5.017732e+03	1.944747e+03	1.832221e+03
[25071]	1.407878e+03	5.901477e+03	4.304999e+03	2.303411e+03	7.886131e+03
[25076]	3.138250e+03	2.546840e+03	1.008999e+02	3.471619e+03	2.829032e+03
[25081]	4.606635e+03	2.642179e+03	6.075790e+03	3.905053e+03	3.355005e+02
[25086]	4.701453e+03	1.913088e+03	4.241525e+03	3.693065e+03	2.327535e+03
[25091]	2.643050e+03	4.299787e+03	1.921166e+03	1.363111e+03	5.272252e+03
[25096]	1.154311e+03	5.057265e+03	2.203034e+03	3.983529e+03	2.293279e+03
[25101]	3.443810e+03	6.535400e+03	2.966963e+03	3.837221e+03	3.275862e+03
[25106]	2.175915e+03	2.886966e+03	3.821784e+03	3.611772e+03	2.392945e+03
[25111]	4.311255e+03	-1.444735e+02	2.351860e+03	5.204118e+03	1.374136e+03
[25116]	1.773194e+03	5.250579e+03	2.535936e+03	5.311468e+03	1.791157e+03
[25121]	1.859676e+03	2.853047e+02	4.888987e+03	4.726301e+03	4.423247e+03
[25126]	6.009081e+03	3.241605e+03	2.697659e+03	3.742425e+03	3.182213e+03
[25131]	8.935419e+02	4.203909e+03	6.213946e+03	1.364623e+03	2.654056e+03
[25136]	4.438859e+03	7.160025e+03	2.767539e+03	4.184401e+03	3.675443e+03
[25141]	3.166044e+03	7.079197e+02	1.316406e+03	4.424596e+03	1.526285e+03
[25146]	2.822583e+03	5.093124e+02	2.276706e+03	3.332850e+03	3.755544e+03
[25151]	3.559039e+03	4.323997e+03	2.682739e+03	5.030480e+03	4.520051e+03
[25156]	3.622290e+03	6.172769e+03	4.324134e+03	4.571574e+03	7.035581e+03
[25161]	1.425273e+03	4.539071e+03	7.923726e+03	1.421033e+03	2.278711e+03
[25166]	4.047310e+03	3.904178e+03	4.962319e+03	3.085428e+03	3.631999e+03
[25171]	3.136855e+03	4.081252e+03	3.452033e+03	1.910413e+03	2.046003e+03
[25176]	5.609856e+03	2.892196e+03	4.770297e+03	5.058213e+03	5.197123e+03
[25181]	3.846104e+03	6.404808e+03	4.680737e+03	4.193085e+03	1.642726e+03
[25186]	1.171531e+03	8.667426e+02	2.480425e+03	4.872797e+03	1.239410e+03
[25191]	2.781736e+03	3.551487e+03	4.640859e+03	5.019908e+03	1.376302e+03
[25196]	5.604353e+03	1.160099e+03	8.406728e+02	3.862764e+03	1.874646e+03

[25201]	5.641784e+03	2.726444e+03	3.630109e+02	3.687876e+03	4.597711e+03
[25206]	-8.119936e+01	3.307371e+03	3.923344e+03	2.760956e+03	5.156339e+03
[25211]	3.328850e+03	4.592410e+03	4.248870e+03	4.095167e+03	8.013873e+02
[25216]	4.126921e+03	3.858653e+02	3.756273e+03	2.877505e+03	3.079724e+03
[25221]	8.631528e+02	4.109426e+03	3.520677e+03	2.647031e+03	3.224162e+03
[25226]	1.884778e+03	1.496816e+03	3.188798e+03	4.087517e+03	3.560342e+03
[25231]	2.337263e+03	5.431698e+03	2.802413e+03	2.612374e+03	4.296038e+03
[25236]	1.602477e+03	3.355558e+03	3.605767e+03	7.753686e+03	2.349441e+03
[25241]	5.603688e+03	3.621203e+03	2.600098e+03	4.096186e+03	1.761021e+03
[25246]	3.827012e+03	2.243045e+03	2.114704e+03	3.986845e+03	1.989695e+03
[25251]	2.368795e+03	2.480754e+03	2.539398e+03	6.478497e+02	4.668137e+03
[25256]	2.755068e+03	2.876416e+03	2.027435e+03	2.928966e+03	1.164512e+03
[25261]	5.598387e+03	5.379257e+01	2.858793e+03	3.509708e+03	1.125429e+03
[25266]	5.129373e+03	5.030288e+03	4.477242e+03	5.155964e+03	3.164728e+03
[25271]	5.747987e+03	4.897703e+03	1.989079e+03	2.539839e+03	3.005632e+03
[25276]	1.462401e+03	2.624289e+03	5.965494e+03	5.239412e+03	1.726211e+03
[25281]	3.809991e+03	4.304376e+03	2.927021e+03	5.118888e+03	4.792769e+03
[25286]	2.376062e+03	4.525268e+03	3.406937e+03	1.029122e+03	3.595463e+03
[25291]	5.950774e+03	1.443848e+03	6.640274e+03	3.483365e+03	2.859651e+03
[25296]	3.317470e+03	3.109857e+03	3.610042e+03	3.765839e+03	3.463035e+03
[25301]	7.352032e+02	2.965290e+03	2.297519e+01	3.386382e+03	4.590278e+03
[25306]	1.218424e+03	5.327213e+03	1.105601e+03	1.381075e+03	1.566837e+03
[25311]	3.987472e+03	2.098112e+03	4.105223e+03	5.854381e+03	1.321345e+03
[25316]	2.427081e+03	1.694132e+02	4.107614e+03	4.380325e+03	4.462268e+03
[25321]	2.400378e+03	3.664836e+03	1.818866e+03	6.668556e+03	3.581464e+03
[25326]	3.573095e+03	5.106517e+03	4.677538e+03	2.752867e+03	4.746247e+03
[25331]	2.719032e+03	4.731397e+03	3.293804e+03	-3.298351e+02	4.209545e+03
[25336]	3.540640e+03	2.636919e+03	6.260228e+03	6.128227e+03	2.121151e+03
[25341]	4.199019e+03	4.916142e+03	7.332106e+03	3.563545e+03	1.344503e+03
[25346]	2.319350e+03	2.644928e+03	2.318762e+03	3.463304e+03	3.107551e+03
[25351]	2.244832e+03	1.256627e+03	3.998069e+03	3.727253e+03	4.471989e+03
[25356]	3.177233e+03	1.766799e+03	4.672580e+03	2.808711e+03	4.444963e+03
[25361]	6.216041e+03	5.282960e+03	6.250858e+03	2.463203e+03	3.709856e+03
[25366]	3.718888e+03	3.648341e+03	4.475080e+03	2.296186e+03	4.884178e+03
[25371]	1.072038e+03	3.551781e+03	9.882550e+02	4.223904e+03	1.311837e+03
[25376]	2.780678e+03	3.283476e+03	2.204427e+03	6.099368e+03	4.242505e+03
[25381]	1.628966e+03	5.515947e+03	2.936668e+03	3.357540e+03	1.761173e+02
[25386]	3.695592e+03	2.467971e+03	1.581675e+03	7.648195e+03	2.552885e+03
[25391]	3.474205e+03	3.962658e+03	4.197636e+03	2.652104e+03	4.583469e+03
[25396]	3.706645e+03	3.579522e+03	3.395521e+03	3.019182e+03	4.537104e+03
[25401]	2.773951e+03	4.692539e+03	8.355288e+02	1.301652e+03	2.232714e+03
[25406]	2.890614e+03	3.273866e+03	5.860550e+03	4.767109e+03	5.148164e+03
[25411]	3.230436e+03	1.359924e+03	5.536130e+03	3.649070e+03	2.032196e+03

[25416]	4.226711e+03	3.607544e+03	3.006200e+03	3.633164e+03	2.779408e+03
[25421]	1.619956e+03	3.382672e+03	4.777944e+03	1.062804e+03	3.711446e+03
[25426]	1.227696e+03	5.245000e+03	1.584631e+03	6.489504e+03	4.461803e+03
[25431]	4.531218e+03	3.357456e+03	2.250093e+03	3.382497e+03	3.502187e+03
[25436]	5.144399e+03	3.005420e+03	3.561246e+03	2.386889e+03	2.663877e+03
[25441]	2.835422e+03	2.545314e+03	3.716448e+03	4.691485e+03	4.118576e+03
[25446]	5.330383e+03	3.618309e+03	4.616532e+03	2.626185e+03	4.504195e+03
[25451]	2.613403e+03	-5.948155e+01	4.523260e+03	3.663563e+03	5.676151e+03
[25456]	3.180849e+03	3.407679e+03	1.702526e+03	8.919873e+02	2.526457e+03
[25461]	2.919591e+03	2.342303e+03	3.699393e+03	4.026293e+03	2.567123e+03
[25466]	3.878364e+03	7.642024e+03	4.326280e+03	2.770275e+03	4.782770e+03
[25471]	3.960833e+03	2.735312e+03	1.099023e+03	4.695149e+03	2.667770e+03
[25476]	4.093095e+03	4.620342e+02	2.947629e+03	4.090929e+03	5.503084e+03
[25481]	3.632241e+03	3.421402e+03	2.396582e+03	1.600821e+03	2.706642e+03
[25486]	1.182288e+03	-9.411263e+01	3.707108e+03	4.903398e+03	1.569560e+03
[25491]	2.751896e+03	1.855214e+03	4.944127e+03	2.343847e+03	1.975772e+03
[25496]	1.767657e+03	2.511405e+03	4.900002e+03	3.840999e+03	1.248673e+01
[25501]	2.238326e+03	2.327620e+03	2.960131e+03	-6.739611e+02	3.183085e+03
[25506]	1.435917e+03	3.027621e+03	3.560264e+03	4.072025e+03	3.122664e+03
[25511]	2.547772e+03	1.372434e+02	3.210575e+03	4.560329e+03	3.375073e+03
[25516]	4.979686e+03	2.319338e+03	1.346491e+03	4.459271e+03	2.018183e+03
[25521]	3.138023e+03	3.154957e+03	5.922438e+03	4.331420e+03	2.269045e+03
[25526]	5.010348e+02	3.894030e+03	3.404992e+03	3.656965e+03	5.819777e+03
[25531]	4.750966e+03	2.218249e+03	1.458088e+03	4.499104e+03	1.320731e+03
[25536]	3.289132e+03	3.882077e+03	3.539817e+03	4.556480e+03	5.208211e+03
[25541]	1.889731e+03	3.066368e+03	4.149453e+03	3.375244e+03	3.981396e+03
[25546]	1.662344e+03	4.209947e+03	2.514412e+03	3.262262e+03	1.496743e+03
[25551]	3.044394e+03	2.717252e+03	3.328111e+03	2.076481e+03	3.612875e+03
[25556]	1.871296e+03	2.547479e+03	4.353089e+03	5.308965e+03	6.109884e+02
[25561]	7.387149e+03	3.718269e+03	3.096058e+03	2.058979e+03	3.524333e+03
[25566]	3.683146e+03	1.807581e+03	4.141124e+03	6.097417e+03	4.913774e+03
[25571]	3.390008e+03	2.254565e+03	3.436243e+03	1.394354e+03	2.561904e+03
[25576]	-3.684515e+02	4.243871e+03	5.017530e+03	3.419827e+03	3.460033e+02
[25581]	2.419982e+03	6.968435e+02	6.387750e+03	4.029500e+03	1.730243e+03
[25586]	5.529636e+03	4.443148e+03	3.672367e+03	3.283412e+03	4.031818e+03
[25591]	1.916186e+03	7.687819e+03	2.434961e+03	4.095449e+03	4.373581e+02
[25596]	4.672044e+03	5.928229e+03	1.211672e+03	2.080057e+03	2.004092e+03
[25601]	4.860489e+03	3.560602e+03	3.112815e+03	2.230187e+03	6.012860e+03
[25606]	8.941132e+02	4.573789e+03	9.361919e+02	2.777284e+03	3.165989e+03
[25611]	3.530058e+03	4.514396e+03	1.950089e+03	4.919656e+03	2.944150e+03
[25616]	2.877390e+03	5.161851e+03	4.229449e+03	4.602748e+03	3.421036e+03
[25621]	-9.572283e+02	2.234556e+03	2.147761e+03	3.275599e+03	4.613429e+03
[25626]	5.702470e+03	5.036226e+03	5.837164e+03	3.068654e+03	1.454681e+03



[25631]	3.477850e+03	1.252928e+03	5.018589e+03	3.853601e+03	2.393096e+03
[25636]	2.413841e+03	3.260896e+03	3.213108e+03	2.214037e+03	2.890807e+03
[25641]	2.356921e+03	4.557883e+03	4.146286e+03	3.466688e+03	3.001722e+03
[25646]	5.052441e+03	2.767968e+03	4.820153e+03	3.998721e+03	5.027113e+03
[25651]	1.085670e+03	4.899664e+03	1.406402e+03	5.936467e+03	7.200589e+02
[25656]	2.055110e+03	4.091931e+03	6.827290e+02	2.356029e+03	2.752011e+03
[25661]	4.220608e+03	3.223786e+03	3.485164e+03	5.167013e+03	2.095504e+03
[25666]	2.866323e+03	-9.941611e+02	8.165385e+02	2.501542e+03	8.639936e+02
[25671]	6.701729e+03	5.254364e+03	3.143997e+03	6.060604e+03	3.276669e+03
[25676]	2.466197e+03	3.005020e+03	3.735065e+03	2.540054e+03	2.460232e+03
[25681]	6.981168e+03	3.759331e+03	1.985457e+03	-8.018126e+01	3.432610e+03
[25686]	3.942633e+03	8.287499e+03	-7.700499e+02	4.400443e+03	6.152410e+03
[25691]	2.725538e+03	6.252807e+03	2.256923e+03	2.232310e+03	2.326113e+03
[25696]	3.351000e+03	2.520250e+03	3.229699e+03	1.702738e+03	4.078915e+03
[25701]	2.583977e+02	3.527491e+03	1.514487e+03	2.814376e+03	4.008347e+03
[25706]	2.535800e+03	4.729727e+03	2.856183e+03	3.327380e+03	-1.771003e+02
[25711]	2.536779e+03	3.754519e+03	4.428527e+03	3.549823e+03	1.251570e+03
[25716]	1.756815e+03	4.131593e+03	4.763776e+03	1.839997e+03	4.214116e+03
[25721]	3.139248e+03	3.634930e+03	2.056675e+03	2.877843e+03	4.104665e+03
[25726]	5.268973e+03	3.708134e+03	2.287493e+03	5.636420e+03	3.540853e+03
[25731]	2.743128e+03	4.627908e+03	-9.730032e+02	-4.167755e+02	2.706386e+03
[25736]	3.484292e+03	3.536633e+03	4.818685e+03	6.314963e+03	4.862881e+03
[25741]	3.850481e+03	8.964709e+02	2.735008e+03	2.418752e+03	3.100702e+03
[25746]	2.994730e+03	4.353102e+03	4.521130e+03	3.419438e+03	4.634252e+03
[25751]	3.692112e+03	3.287623e+03	5.737051e+03	3.644305e+03	3.976411e+03
[25756]	3.971654e+03	3.398563e+03	3.339629e+03	3.535017e+03	3.828426e+03
[25761]	3.429305e+03	1.728342e+03	5.355702e+03	2.003998e+03	3.596545e+03
[25766]	2.692145e+03	3.932520e+03	5.159165e+03	7.146525e+02	5.530819e+03
[25771]	4.247898e+03	4.138263e+03	4.454311e+03	3.084372e+03	1.615915e+03
[25776]	4.261735e+03	5.044587e+03	4.204800e+03	2.488080e+03	4.060706e+03
[25781]	5.467553e+03	3.067623e+03	4.453608e+03	6.951724e+03	1.101506e+03
[25786]	4.667751e+03	3.807573e+03	1.397221e+03	-1.680000e+02	5.394009e+03
[25791]	3.475215e+03	5.872540e+03	1.362043e+03	5.952716e+03	3.600935e+03
[25796]	2.849629e+03	7.949331e+02	4.841608e+03	3.787752e+03	4.739779e+03
[25801]	2.133111e+03	5.151226e+03	3.541097e+03	3.421939e+03	2.524470e+03
[25806]	3.010269e+03	1.476077e+03	2.726845e+03	6.512663e+03	1.596157e+03
[25811]	3.274765e+03	2.992926e+03	4.544280e+03	2.961225e+03	5.030172e+03
[25816]	3.911406e+03	2.422780e+03	2.603587e+03	6.583149e+02	1.238032e+03
[25821]	3.443037e+03	5.174442e+03	1.234114e+03	5.986261e+03	2.104769e+03
[25826]	4.758526e+03	6.141687e+03	5.627996e+03	1.753264e+03	2.399230e+03
[25831]	1.453136e+03	1.950430e+03	4.655973e+03	3.242491e+03	4.243833e+03
[25836]	3.137993e+03	3.548590e+03	2.276860e+03	3.060679e+03	4.997811e+03
[25841]	4.378046e+03	2.716604e+03	2.694152e+03	4.030743e+03	2.245205e+03

[25846]	4.777094e+03	9.053149e+03	4.786545e+03	2.984346e+03	2.021754e+03
[25851]	2.996104e+03	3.512953e+03	2.867456e+03	3.315633e+03	2.549333e+03
[25856]	6.466265e+03	3.774336e+03	2.937686e+03	4.518111e+03	2.963132e+03
[25861]	1.389727e+03	5.844242e+03	4.728400e+03	5.690507e+03	5.952670e+03
[25866]	6.458192e+03	3.862693e+03	3.234134e+03	1.869243e+03	2.616677e+03
[25871]	6.006807e+03	1.984182e+03	1.856727e+03	3.639992e+03	2.759576e+03
[25876]	3.107469e+03	2.239616e+03	2.328244e+03	2.139801e+03	3.491078e+03
[25881]	3.890288e+03	2.137320e+03	2.565871e+03	1.903405e+03	4.517701e+03
[25886]	6.223667e+03	3.627721e+03	2.960801e+03	1.395130e+03	2.417401e+03
[25891]	2.088037e+03	3.982897e+03	3.692188e+03	4.884463e+03	3.427959e+03
[25896]	3.997628e+03	4.898115e+03	3.773176e+03	9.949970e+02	2.484481e+03
[25901]	4.162394e+03	2.089066e+03	2.619378e+03	-1.309449e+03	2.938393e+03
[25906]	1.314712e+03	-7.682668e+02	4.041233e+03	4.520658e+03	2.404807e+03
[25911]	8.989336e+02	2.993290e+03	4.692342e+03	2.309453e+03	5.890455e+03
[25916]	1.406632e+03	3.228988e+03	3.545274e+03	6.366248e+03	5.433290e+03
[25921]	3.136408e+03	2.976011e+03	7.472301e+03	2.349310e+03	2.471037e+03
[25926]	3.294839e+03	2.363921e+03	1.764845e+03	8.271234e+02	4.159897e+03
[25931]	1.247747e+03	2.906525e+03	3.659721e+03	3.902940e+03	2.880818e+03
[25936]	3.374241e+03	3.189279e+03	2.470655e+03	1.891160e+03	4.217672e+03
[25941]	3.559692e+03	2.820227e+03	3.221210e+03	2.888696e+03	3.249105e+03
[25946]	3.287383e+03	1.025864e+03	1.535296e+03	2.889727e+03	2.966328e+03
[25951]	4.390836e+03	8.242566e+01	2.435554e+03	4.369877e+03	4.658560e+03
[25956]	3.840519e+03	3.825612e+03	1.795925e+03	6.074928e+03	2.692992e+03
[25961]	3.515195e+03	2.799430e+02	3.056874e+03	3.259853e+03	5.083894e+03
[25966]	4.155570e+03	9.509583e+02	6.040345e+03	7.335641e+02	2.679851e+03
[25971]	3.452752e+03	4.581354e+03	3.155749e+03	2.369691e+03	5.938138e+03
[25976]	3.232480e+03	3.602485e+03	4.332505e+03	4.048966e+03	5.600263e+03
[25981]	2.935698e+03	9.639438e+02	3.284881e+03	2.351188e+03	3.505529e+03
[25986]	4.115376e+03	2.613733e+03	5.318007e+03	2.579268e+03	2.566850e+03
[25991]	1.792533e+03	9.267697e+02	2.976684e+03	2.287711e+03	3.090251e+03
[25996]	4.154216e+03	2.767543e+03	3.363716e+03	2.498111e+03	5.230271e+03
[26001]	2.841179e+03	4.056844e+03	1.673099e+03	2.530446e+03	5.418689e+03
[26006]	6.490804e+03	2.957941e+02	1.211504e+03	2.331167e+03	2.105298e+03
[26011]	-9.797616e+02	1.583220e+03	2.069766e+03	3.410673e+03	4.278156e+03
[26016]	3.089651e+03	2.271916e+03	4.598798e+03	4.291102e+03	3.305848e+03
[26021]	3.641525e+03	3.154263e+03	3.439530e+03	3.463953e+03	4.125274e+03
[26026]	1.518702e+03	1.805241e+03	2.558632e+03	4.276639e+03	1.587313e+03
[26031]	-6.012771e+02	1.928477e+03	2.876649e+03	3.110135e+03	5.323718e+03
[26036]	3.177653e+03	1.373142e+03	2.323961e+03	2.842864e+03	-6.742280e+01
[26041]	2.393612e+03	9.936004e+02	5.449735e+03	4.715656e+02	2.554979e+03
[26046]	2.282492e+03	3.648396e+02	3.169595e+03	3.225201e+03	2.689688e+03
[26051]	4.232202e+03	2.231519e+03	1.943721e+03	4.729766e+03	2.226761e+03
[26056]	3.142716e+03	4.339525e+03	2.454533e+03	2.047510e+03	5.383442e+03

[26061]	3.420221e+03	3.991190e+03	2.969764e+03	-6.263350e+01	2.517029e+03
[26066]	4.838808e+03	3.354479e+03	4.389758e+03	1.856504e+03	2.967940e+03
[26071]	1.889327e+03	2.589198e+03	4.674492e+03	3.809247e+03	2.239918e+03
[26076]	5.811045e+03	3.005498e+03	2.998828e+03	2.173450e+03	5.002879e+03
[26081]	2.155658e+03	3.084502e+03	2.581698e+03	3.156877e+03	1.143115e+03
[26086]	3.238500e+03	6.266550e+03	5.252675e+03	3.969371e+03	3.808020e+03
[26091]	6.394157e+03	6.299779e+02	-5.864330e+02	4.374271e+03	4.336455e+03
[26096]	3.677907e+03	2.115126e+03	3.917002e+03	5.798818e+03	1.177070e+03
[26101]	1.595456e+03	-5.667618e+02	3.010956e+03	2.793620e+03	3.581799e+03
[26106]	3.505922e+03	8.070434e+02	8.344347e+02	3.044323e+03	3.371135e+03
[26111]	3.089091e+03	4.873290e+03	2.375425e+03	5.022497e+03	2.012528e+03
[26116]	4.039718e+03	1.537367e+03	3.450742e+03	3.210265e+03	2.625539e+03
[26121]	5.841842e+03	2.267608e+03	4.793245e+03	3.472847e+03	1.552446e+03
[26126]	5.135684e+03	4.287492e+03	4.151189e+03	3.959213e+03	3.741573e+03
[26131]	3.305525e+03	3.328602e+03	2.110209e+03	2.668528e+03	3.399822e+03
[26136]	3.471923e+03	3.314790e+03	3.640119e+03	2.131125e+03	3.635150e+03
[26141]	2.415607e+03	1.508204e+03	2.981465e+03	4.199447e+03	2.092777e+03
[26146]	3.529139e+03	2.767984e+03	3.427516e+03	5.770214e+03	5.621419e+03
[26151]	3.594949e+03	3.190939e+03	1.044256e+03	3.138197e+03	1.775067e+03
[26156]	4.029787e+03	3.526734e+03	5.102730e+03	2.340470e+03	4.845140e+02
[26161]	2.357007e+03	1.649437e+03	2.592319e+03	2.960995e+03	2.871378e+03
[26166]	3.812172e+03	5.480759e+03	6.181506e+03	8.227820e+02	1.950057e+03
[26171]	4.099478e+03	3.067805e+03	2.294737e+03	1.365737e+03	4.536137e+03
[26176]	3.935419e+03	3.175005e+03	2.319210e+03	5.980045e+03	3.453881e+03
[26181]	6.556986e+03	2.697644e+03	7.123276e+03	2.556017e+03	4.059756e+03
[26186]	4.916119e+03	3.429336e+03	4.594360e+03	1.328952e+03	2.509103e+03
[26191]	3.042496e+03	1.148163e+03	2.913132e+03	5.258859e+03	5.009391e+03
[26196]	2.517167e+03	2.522852e+03	3.276529e+03	6.345399e+03	2.317134e+03
[26201]	1.862068e+02	1.993101e+03	1.192351e+03	2.121328e+03	6.381532e+03
[26206]	2.871654e+03	1.412637e+03	4.483948e+02	1.215368e+03	3.574678e+03
[26211]	2.618342e+03	1.285011e+03	1.186881e+03	3.182989e+03	3.293770e+03
[26216]	1.006632e+03	2.191603e+03	3.830797e+03	4.369740e+03	2.926035e+03
[26221]	2.296268e+03	-9.225181e+02	4.003261e+03	1.440372e+03	3.047399e+03
[26226]	2.716492e+03	3.708546e+03	3.314900e+03	3.522046e+03	4.007364e+03
[26231]	2.325134e+03	5.893216e+03	4.779864e+03	3.001514e+03	4.274991e+03
[26236]	3.675871e+03	4.913946e+03	5.328828e+03	2.979653e+03	1.638041e+03
[26241]	2.326708e+03	2.318912e+03	1.242928e+03	3.884015e+03	4.990398e+03
[26246]	2.472828e+03	6.035088e+03	2.893725e+03	5.101529e+03	4.251839e+00
[26251]	1.449131e+03	2.047657e+03	5.067689e+03	2.328018e+03	2.903358e+03
[26256]	2.511700e+03	5.366186e+03	4.040107e+03	1.024018e+03	2.983319e+03
[26261]	4.421540e+03	2.736979e+03	2.098399e+03	5.073389e+03	6.343873e+03
[26266]	5.395059e+03	3.399392e+03	4.458016e+03	3.805801e+03	2.936829e+03
[26271]	3.547093e+03	4.218734e+03	5.076096e+03	3.499169e+03	2.089286e+03

[26276]	4.643192e+03	2.328257e+03	3.610053e+03	1.724436e+03	4.511878e+03
[26281]	3.911858e+03	3.206461e+03	3.440163e+03	1.189648e+03	2.114691e+03
[26286]	2.647655e+03	2.608057e+03	3.056942e+03	2.108601e+03	1.871884e+02
[26291]	3.840091e+03	1.651282e+03	1.355875e+03	4.689749e+03	1.614674e+03
[26296]	1.593104e+03	3.570829e+03	7.486929e+02	5.132262e+03	2.672370e+03
[26301]	5.364958e+03	2.458706e+03	5.615656e+03	3.480817e+03	4.957913e+03
[26306]	1.290179e+03	9.289927e+02	5.214051e+03	2.866116e+03	2.642258e+03
[26311]	3.533998e+03	3.032099e+03	5.064494e+03	3.398682e+03	3.010266e+03
[26316]	2.015394e+03	-5.007545e+02	5.740594e+03	2.963336e+03	3.650635e+03
[26321]	1.280035e+03	1.175695e+03	4.440891e+03	3.864680e+03	4.521738e+03
[26326]	3.287780e+03	4.655292e+03	4.933732e+03	3.353451e+03	5.741524e+03
[26331]	5.380483e+03	2.128325e+03	2.014470e+03	1.392996e+03	1.081718e+03
[26336]	2.648229e+03	3.783169e+03	2.074110e+02	6.830492e+03	4.136816e+03
[26341]	1.046423e+03	1.839999e+03	3.752591e+03	1.744227e+03	3.101343e+03
[26346]	1.833734e+03	2.931546e+03	2.687907e+03	5.828798e+03	3.213846e+03
[26351]	3.027678e+03	3.073377e+03	2.594899e+03	3.506288e+03	5.319619e+03
[26356]	2.923651e+03	3.103412e+03	1.860964e+03	4.293994e+03	2.532532e+03
[26361]	9.904422e+02	-1.014183e+02	4.621631e+03	1.196088e+03	3.098017e+03
[26366]	5.365027e+03	1.787937e+03	3.144136e+03	4.221011e+03	6.057627e+03
[26371]	1.568598e+03	3.402632e+03	3.221489e+03	4.316027e+03	1.617534e+03
[26376]	4.472644e+03	3.453898e+03	4.607228e+03	2.167360e+03	1.890464e+03
[26381]	4.425501e+03	5.785073e+03	2.128538e+03	8.392030e+02	3.517777e+03
[26386]	4.332806e+03	3.736876e+03	3.532036e+03	3.890126e+03	2.384835e+03
[26391]	4.552514e+03	3.866371e+03	6.448163e+03	3.839413e+03	3.478291e+03
[26396]	2.132342e+03	8.073630e+02	2.486454e+03	5.437707e+03	2.664408e+03
[26401]	2.420498e+03	3.768834e+03	3.582902e+03	4.636140e+03	3.601164e+03
[26406]	4.372473e+03	5.998324e+03	4.202097e+03	4.715186e+03	6.346961e+03
[26411]	1.725667e+03	4.129856e+03	4.730686e+03	3.880291e+03	1.892374e+03
[26416]	2.948735e+03	5.437311e+03	2.998761e+03	4.473858e+03	3.641790e+03
[26421]	5.017909e+03	2.077858e+03	5.651172e+03	3.436193e+03	2.323896e+02
[26426]	4.302827e+03	1.669817e+03	7.299874e+03	2.471252e+03	3.664502e+03
[26431]	4.038576e+03	1.243641e+03	3.649969e+03	3.192288e+03	2.694758e+03
[26436]	6.862211e+03	2.246681e+03	2.743584e+03	3.856760e+03	1.649168e+03
[26441]	3.515731e+03	1.562298e+03	4.466595e+02	2.459466e+03	3.588538e+03
[26446]	3.626724e+03	3.887460e+03	1.427963e+03	3.149338e+03	3.229049e+03
[26451]	1.913873e+03	2.839954e+03	3.093320e+03	3.971077e+03	1.298453e+03
[26456]	3.289997e+03	4.591632e+03	-2.172744e+02	4.816927e+03	2.744930e+03
[26461]	4.177334e+03	4.365348e+03	3.419405e+03	3.319928e+03	2.174945e+03
[26466]	5.398000e+03	2.503687e+03	4.855389e+03	3.766877e+03	8.041485e+02
[26471]	4.966872e+03	2.298022e+03	4.757263e+03	6.445409e+01	5.888648e+03
[26476]	-6.190704e+01	-3.378172e+02	1.518081e+03	5.383715e+03	2.056143e+03
[26481]	2.873249e+03	6.081883e+03	4.205173e+03	7.321014e+03	3.459263e+03
[26486]	4.592411e+03	4.148647e+03	3.866199e+03	3.081540e+03	3.109565e+03

[26491]	2.170446e+03	3.495959e+03	1.045802e+03	1.776455e+03	2.789008e+03
[26496]	2.863208e+03	-7.216028e+02	6.807064e+03	9.893135e+02	3.532786e+03
[26501]	2.713889e+03	3.426106e+03	-5.565522e+02	3.858104e+03	5.960658e+03
[26506]	7.421788e+02	3.919796e+03	3.071604e+03	4.302600e+03	6.036680e+03
[26511]	3.486442e+03	3.705981e+03	8.997828e+02	3.808519e+03	4.790857e+03
[26516]	4.634903e+03	8.482595e+02	3.153494e+03	2.428936e+03	1.119305e+03
[26521]	7.324138e+03	2.658221e+03	4.084648e+03	8.628906e+02	3.981303e+03
[26526]	4.164616e+03	2.965986e+03	2.527284e+03	3.948312e+03	2.847937e+03
[26531]	4.113886e+03	2.705474e+03	2.413933e+03	3.274383e+03	4.047168e+03
[26536]	1.974791e+03	2.766837e+03	2.114163e+03	2.783725e+02	1.792795e+03
[26541]	3.027598e+03	3.365131e+03	3.219095e+03	1.969020e+03	5.735620e+03
[26546]	5.604332e+03	5.566322e+03	4.546484e+03	6.522432e+03	4.626948e+03
[26551]	1.945203e+03	3.655195e+03	8.460209e+02	3.426029e+03	2.115208e+03
[26556]	1.318137e+03	3.588033e+03	2.321218e+03	3.686176e+03	4.807520e+03
[26561]	2.455994e+03	4.269334e+03	2.346307e+03	4.456537e+03	3.686923e+03
[26566]	4.627996e+03	5.347311e+02	3.052823e+03	-3.652724e+02	3.516536e+03
[26571]	1.304316e+02	1.412242e+03	2.584612e+03	4.793767e+03	5.931362e+03
[26576]	4.154769e+03	5.049938e+03	1.844154e+03	2.160045e+03	3.646807e+03
[26581]	3.708532e+03	3.635067e+03	3.779710e+03	4.743855e+03	2.725501e+02
[26586]	4.280512e+03	5.148640e+03	3.893220e+03	6.155195e+03	2.720515e+03
[26591]	5.673733e+03	1.942090e+03	4.157139e+03	4.509831e+03	6.141363e+03
[26596]	6.600395e+03	7.721424e+03	5.152988e+03	1.837419e+03	2.480588e+03
[26601]	3.935420e+03	5.152659e+03	3.520973e+03	3.610958e+03	1.691558e+03
[26606]	8.632881e+01	1.143206e+03	1.650134e+03	2.952270e+03	3.686387e+03
[26611]	2.720244e+03	4.555046e+03	4.883548e+03	8.530816e+02	3.022007e+03
[26616]	4.031667e+03	1.728881e+03	3.291772e+03	5.043489e+03	3.407975e+03
[26621]	2.290186e+03	6.125959e+03	1.819008e+02	3.422968e+03	-1.217747e+02
[26626]	1.335239e+03	2.347870e+03	8.736140e+02	3.885961e+03	2.931498e+03
[26631]	-3.844153e+02	2.468802e+03	3.598965e+03	3.665634e+03	3.619904e+03
[26636]	2.577344e+03	5.725828e+03	1.914903e+03	3.878779e+03	2.116783e+03
[26641]	2.420100e+03	4.185379e+03	6.063662e+03	1.939471e+03	2.875536e+03
[26646]	4.704265e+03	6.053930e+03	3.439632e+03	6.498348e+03	6.180469e+03
[26651]	1.836403e+03	4.628091e+03	2.166347e+03	2.410509e+03	4.317801e+03
[26656]	2.757672e+03	6.082839e+03	2.854951e+03	3.295547e+03	-5.069646e+02
[26661]	2.671150e+03	3.564214e+03	4.263858e+03	2.278035e+03	2.534299e+03
[26666]	1.829623e+03	3.913369e+03	4.098644e+03	3.966648e+03	1.556923e+03
[26671]	4.148577e+03	4.407262e+03	2.374771e+03	2.772452e+03	3.087021e+03
[26676]	1.020472e+03	3.872658e+03	3.571117e+03	2.773064e+03	3.137826e+03
[26681]	5.648273e+03	4.371960e+03	5.343806e+03	5.413270e+03	4.682842e+03
[26686]	3.249014e+03	3.515123e+03	3.716651e+03	1.473753e+03	1.987981e+03
[26691]	3.413198e+03	4.012224e+03	2.607296e+03	5.260300e+03	5.097415e+03
[26696]	1.113013e+03	4.932949e+03	6.140144e+03	4.672505e+03	4.516405e+03
[26701]	4.146612e+03	1.049994e+01	3.283249e+03	2.927596e+03	3.627547e+03

[26706]	2.817878e+03	2.141013e+03	4.554768e+03	3.982811e+03	5.281791e+03
[26711]	4.643641e+03	4.326089e+03	2.894067e+03	2.115856e+03	1.832449e+03
[26716]	2.169667e+03	3.400055e+03	4.126229e+03	2.162684e+03	2.864417e+03
[26721]	2.052211e+03	2.427767e+03	4.277247e+03	3.915514e+03	3.940123e+03
[26726]	5.265316e+03	3.339258e+03	2.665745e+03	2.927513e+03	1.969749e+03
[26731]	4.366099e+03	4.078255e+03	3.958984e+03	1.054496e+03	3.246785e+03
[26736]	6.735322e+02	4.898903e+03	5.046218e+03	3.761060e+03	4.109106e+03
[26741]	6.282603e+03	5.246224e+03	3.295241e+03	4.814568e+03	2.500871e+03
[26746]	5.469285e+03	2.485057e+03	2.848347e+03	2.255350e+03	4.318990e+03
[26751]	4.704350e+03	3.010790e+03	2.829723e+03	2.395173e+03	3.863927e+03
[26756]	-9.960192e+01	5.434966e+03	3.624005e+03	4.149819e+03	2.671773e+03
[26761]	1.834860e+03	2.396128e+03	4.001606e+03	2.727366e+03	4.850178e+03
[26766]	4.225645e+03	3.111821e+03	2.558850e+03	1.706694e+03	4.386971e+03
[26771]	5.388334e+03	2.615125e+03	4.845038e+03	1.716186e+03	6.348211e+03
[26776]	4.822992e+03	4.839905e+03	3.057452e+03	2.103662e+03	1.513245e+03
[26781]	5.591507e+03	3.254048e+03	3.160629e+03	2.851000e+03	5.527848e+03
[26786]	5.744793e+03	4.642359e+03	3.541024e+03	3.495596e+03	2.130700e+03
[26791]	3.082477e+03	4.156176e+03	3.573897e+03	2.064915e+03	8.429706e+02
[26796]	6.098729e+03	3.171270e+03	1.256105e+03	4.674272e+03	4.603501e+03
[26801]	1.932863e+03	5.652028e+03	3.907206e+03	5.649887e+03	1.410744e+03
[26806]	3.243072e+03	2.807033e+03	4.434407e+03	7.102331e+03	3.544922e+03
[26811]	6.405772e+03	2.456935e+03	6.257442e+02	2.124078e+03	2.264138e+03
[26816]	8.358613e+02	2.993245e+03	2.606317e+03	4.039020e+03	3.279381e+03
[26821]	4.593007e+03	2.564720e+03	2.283271e+03	4.144854e+03	3.526432e+03
[26826]	3.035142e+03	5.324407e+03	4.016110e+03	4.284653e+03	4.282263e+03
[26831]	3.554176e+03	1.554563e+03	2.170135e+03	1.545139e+03	5.196076e+03
[26836]	2.706057e+03	3.785771e+03	3.756023e+03	5.087385e+03	3.652075e+03
[26841]	2.823302e+03	5.908632e+03	3.772698e+03	5.506489e+03	1.826830e+03
[26846]	3.490642e+03	5.669206e+03	3.635626e+03	3.084297e+03	3.629336e+03
[26851]	1.750008e+03	3.245618e+03	2.673969e+03	2.479943e+03	1.057177e+03
[26856]	5.326670e+03	5.039871e+03	1.433471e+03	4.659196e+03	4.182170e+03
[26861]	2.018858e+03	2.388771e+03	4.284777e+03	2.612123e+03	4.293376e+03
[26866]	4.119848e+03	-1.649495e+02	2.745816e+03	2.841524e+03	4.370023e+03
[26871]	2.446761e+03	3.787746e+03	3.990888e+03	4.900687e+03	6.413905e+03
[26876]	1.623781e+03	5.321591e+03	4.662527e+03	4.506568e+03	6.223098e+03
[26881]	2.364026e+03	3.671500e+03	3.359023e+03	2.315053e+03	3.676688e+03
[26886]	3.251667e+03	4.082689e+03	2.969921e+03	1.247947e+03	3.790979e+03
[26891]	2.256909e+03	4.702624e+03	3.522443e+03	3.978352e+02	1.580772e+03
[26896]	2.817555e+03	1.250740e+03	3.314879e+03	4.225403e+03	3.492252e+03
[26901]	3.470840e+03	4.341695e+03	3.632795e+03	6.118598e+03	2.299916e+03
[26906]	1.954325e+03	5.395147e+03	-8.005342e+02	2.361592e+03	2.435774e+03
[26911]	1.235749e+03	3.606949e+03	2.242122e+03	1.982749e+03	4.586387e+03
[26916]	3.700134e+03	3.411775e+03	2.636125e+03	8.332364e+02	4.436394e+03

[26921]	5.182464e+03	4.188232e+03	1.370453e+03	5.937239e+03	4.559598e+03
[26926]	2.714079e+03	2.597912e+03	5.036712e+03	4.077806e+02	1.866573e+03
[26931]	5.504330e+03	4.409752e+03	4.165617e+03	3.020329e+03	1.215689e+03
[26936]	-3.558175e+02	1.961906e+03	3.685896e+03	4.630676e+03	5.119890e+03
[26941]	4.301578e+03	7.025618e+03	8.053113e+02	9.908597e+02	4.365254e+03
[26946]	2.345080e+03	5.534414e+03	8.103846e+03	4.336598e+03	1.502187e+03
[26951]	2.690878e+03	5.244588e+03	8.719599e+02	5.991280e+03	5.623888e+03
[26956]	6.181541e+03	5.344495e+03	5.228658e+03	3.827585e+03	5.577221e+03
[26961]	2.442776e+03	4.465819e+03	2.940772e+03	3.227046e+03	2.873537e+03
[26966]	4.183766e+03	6.018254e+02	2.220355e+03	2.267461e+03	3.220618e+03
[26971]	6.611921e+03	1.606469e+03	4.526021e+03	3.176656e+03	2.877847e+03
[26976]	5.129442e+03	4.211768e+03	6.190108e+03	3.910718e+03	6.222400e+02
[26981]	4.472515e+03	2.291862e+03	1.975811e+01	4.913376e+03	1.240341e+03
[26986]	8.754357e+02	2.493309e+03	4.343660e+03	1.807578e+03	7.773211e+03
[26991]	5.055781e+03	4.587826e+02	2.940366e+03	2.625213e+03	1.604052e+03
[26996]	3.656528e+03	5.788416e+03	1.938634e+03	7.790220e+01	6.052862e+03
[27001]	3.052338e+03	1.696024e+03	3.475753e+03	3.543405e+03	4.077239e+03
[27006]	4.272508e+03	2.102633e+03	4.788442e+03	1.605223e+03	4.936371e+03
[27011]	5.954932e+03	2.382949e+03	2.376077e+03	1.460137e+03	3.637829e+03
[27016]	2.069095e+03	3.047165e+03	1.667968e+03	3.662727e+03	-1.171553e+03
[27021]	6.143843e+03	3.886260e+03	6.402555e+03	2.361865e+03	2.623212e+03
[27026]	2.335187e+03	5.447972e+03	4.592104e+03	4.833852e+03	2.709994e+03
[27031]	4.695659e+03	2.863047e+03	1.503329e+03	2.151064e+03	3.594378e+03
[27036]	6.237327e+03	2.505735e+03	1.593532e+03	5.714782e+02	3.485606e+03
[27041]	2.358770e+03	3.065239e+03	4.320736e+03	5.042861e+03	2.698959e+03
[27046]	3.517781e+03	2.328283e+03	2.818734e+03	2.566685e+03	4.470869e+03
[27051]	2.541535e+03	4.035980e+03	2.557976e+03	6.787012e+03	2.588883e+03
[27056]	2.104315e+03	3.498285e+03	1.898731e+03	6.279267e+03	5.863284e+03
[27061]	4.807388e+03	2.070586e+03	2.895371e+03	9.090003e+02	4.074221e+03
[27066]	2.243867e+03	2.464629e+03	4.393272e+03	1.340523e+03	3.057975e+03
[27071]	4.520523e+03	5.112449e+03	2.333916e+02	1.850995e+03	9.919069e+02
[27076]	5.824775e+03	6.264974e+03	2.426401e+03	1.535029e+03	4.587681e+03
[27081]	4.366116e+03	2.843506e+03	3.107125e+03	2.843779e+03	6.139012e+01
[27086]	3.112686e+03	2.302808e+03	1.336919e+03	5.523385e+03	3.542044e+03
[27091]	3.387340e+03	2.771106e+03	3.792870e+03	4.788430e+03	1.277159e+03
[27096]	2.975631e+03	3.073409e+03	3.711848e+03	4.301287e+03	3.458329e+03
[27101]	3.259008e+03	2.489865e+03	4.275971e+03	2.813205e+03	5.658107e+03
[27106]	1.688686e+03	1.219098e+03	3.464724e+03	2.750709e+03	3.035061e+03
[27111]	1.229461e+03	4.381733e+03	3.416412e+03	3.264978e+03	3.328986e+03
[27116]	3.755850e+03	1.536097e+03	5.464157e+03	7.524563e+03	4.055299e+03
[27121]	4.653059e+03	3.112649e+03	2.520588e+03	1.770458e+03	4.764114e+03
[27126]	4.884314e+03	5.326235e+03	4.042167e+03	5.673649e+03	1.655376e+03
[27131]	3.760964e+03	3.963731e+03	1.714380e+03	2.368916e+03	4.783331e+03

[27136]	-1.382844e+03	3.698849e+03	2.777927e+03	4.297992e+03	3.200949e+03
[27141]	1.696432e+03	1.632843e+01	1.643493e+03	3.902974e+03	4.889351e+03
[27146]	1.185657e+03	4.241002e+03	3.533504e+03	4.151495e+03	7.155243e+03
[27151]	3.755854e+03	4.079245e+03	1.774421e+03	2.341565e+03	6.164751e+03
[27156]	2.856616e+03	1.743951e+03	1.962232e+03	3.923384e+03	4.496252e+03
[27161]	5.851398e+03	6.926557e+03	4.215541e+03	3.214025e+03	1.613604e+02
[27166]	6.061041e+03	3.611639e+03	3.723610e+03	3.742293e+03	4.041392e+03
[27171]	3.702870e+02	9.163827e+02	4.790861e+03	2.585988e+03	3.243336e+03
[27176]	1.969418e+03	5.332796e+03	6.529698e+03	6.114963e+03	-8.720510e+02
[27181]	4.083478e+03	3.828134e+03	2.085429e+03	3.277678e+03	3.111330e+03
[27186]	2.550685e+03	2.843232e+03	3.513646e+03	2.054715e+03	4.421319e+03
[27191]	4.836599e+03	3.317268e+03	1.093105e+03	1.004676e+03	2.691905e+03
[27196]	3.101854e+03	3.380815e+03	4.409233e+03	2.394722e+03	2.175410e+03
[27201]	1.520789e+03	5.386804e+02	1.791223e+03	2.035745e+03	5.059836e+03
[27206]	5.852921e+03	3.265367e+03	3.464080e+03	6.429936e+03	4.994507e+03
[27211]	5.172220e+03	2.486645e+03	1.336331e+03	5.554713e+03	4.441554e+03
[27216]	5.252867e+03	7.723248e+02	2.408171e+03	2.437157e+03	5.913454e+03
[27221]	4.170554e+03	5.649470e+03	2.043085e+03	3.773270e+03	1.871088e+03
[27226]	4.778657e+03	2.762049e+03	2.705045e+03	3.127004e+03	4.681150e+03
[27231]	3.382729e+03	4.747074e+03	1.475871e+03	3.078755e+03	3.299632e+03
[27236]	3.653128e+03	1.178293e+03	1.752645e+03	4.849837e+03	3.227742e+03
[27241]	1.827029e+03	4.926284e+03	3.514833e+03	4.640841e+03	4.771356e+03
[27246]	2.088112e+03	3.472139e+03	1.163772e+03	3.943027e+03	1.689885e+03
[27251]	3.492214e+03	3.734030e+03	2.638561e+03	1.971965e+03	5.390502e+03
[27256]	2.622786e+03	3.873613e+03	3.257897e+03	1.190211e+03	3.253356e+03
[27261]	4.386549e+03	3.890180e+03	3.389720e+03	2.895781e+03	2.629145e+03
[27266]	6.139812e+03	4.532834e+03	4.477218e+03	3.538394e+03	3.712500e+03
[27271]	2.293141e+03	1.984256e+03	6.179531e+02	3.558874e+03	4.863955e+03
[27276]	4.890630e+03	2.793405e+03	4.088825e+03	2.231059e+03	1.632048e+03
[27281]	3.754935e+03	2.048334e+03	3.403346e+03	4.272155e+03	4.649888e+03
[27286]	4.605106e+03	3.046027e+03	4.431302e+03	2.154901e+03	4.560848e+03
[27291]	2.624247e+03	4.796026e+03	5.200930e+03	4.193348e+03	4.286459e+03
[27296]	1.720839e+03	1.816182e+03	6.813373e+03	3.169788e+03	1.049128e+03
[27301]	1.105628e+03	4.273758e+03	1.474890e+03	1.719001e+03	1.705572e+03
[27306]	4.912462e+03	3.629597e+03	2.268382e+03	3.016048e+03	3.784126e+03
[27311]	6.200075e+03	2.796179e+03	5.638830e+03	3.891132e+03	4.370618e+03
[27316]	3.595500e+03	3.640580e+03	3.995511e+03	4.327290e+03	2.603550e+03
[27321]	3.357722e+03	5.022795e+03	3.009605e+03	1.584964e+03	2.415299e+03
[27326]	1.015009e+03	3.520527e+03	1.490758e+03	2.323203e+03	2.992954e+03
[27331]	3.151402e+03	2.329035e+03	5.555664e+03	8.201221e+02	3.675343e+03
[27336]	2.518836e+03	5.025529e+03	5.548641e+03	1.882039e+03	2.051552e+03
[27341]	3.664963e+03	5.604461e+03	5.797534e+03	4.841330e+03	1.801564e+03
[27346]	1.616537e+02	5.937752e+03	2.413470e+03	2.468562e+03	6.513019e+03



[27351]	6.132139e+03	-3.547477e+02	4.874352e+03	2.130921e+03	2.682937e+03
[27356]	2.947275e+03	3.713710e+03	2.699715e+03	4.711102e+03	1.452722e+03
[27361]	5.379372e+03	2.881699e+03	6.566389e+03	1.530656e+03	5.105617e+03
[27366]	4.378784e+03	3.862979e+03	5.054815e+03	4.561045e+03	4.149145e+03
[27371]	5.505990e+03	3.736803e+03	4.470713e+03	4.003313e+03	2.519537e+03
[27376]	3.005606e+03	3.718335e+03	4.046323e+03	2.949377e+03	1.583231e+03
[27381]	6.034373e+03	3.387862e+03	5.975563e+03	4.394925e+03	2.851719e+03
[27386]	2.325308e+03	5.644833e+03	8.573002e+03	4.361660e+03	2.958856e+03
[27391]	4.242350e+03	1.574901e+03	5.640603e+03	2.533456e+03	2.898051e+03
[27396]	3.339512e+03	3.383062e+03	2.273136e+03	4.460153e+03	4.654261e+03
[27401]	5.881326e+03	3.226413e+02	3.253485e+03	2.679023e+03	4.650287e+03
[27406]	2.554539e+03	4.387298e+03	3.849167e+03	4.135838e+03	2.723263e+03
[27411]	2.045727e+03	7.138216e+03	1.503041e+03	5.962175e+03	2.677090e+03
[27416]	2.617071e+03	3.616217e+03	3.665350e+03	2.643579e+03	3.753868e+03
[27421]	2.823804e+03	5.337119e+03	1.107499e+03	1.889305e+03	2.044748e+03
[27426]	1.015003e+03	3.416942e+03	3.617360e+03	3.359001e+03	1.239546e+02
[27431]	3.443417e+03	1.627768e+03	3.618966e+03	2.944255e+03	4.098762e+03
[27436]	3.279497e+03	-1.193352e+03	6.101963e+02	2.579160e+03	2.316170e+03
[27441]	3.197611e+03	3.926120e+03	5.312966e+03	3.763502e+03	2.812079e+03
[27446]	4.825875e+03	4.062544e+03	2.518196e+03	3.711397e+03	3.767472e+03
[27451]	1.699271e+03	4.563222e+03	5.328029e+03	3.546053e+03	2.545103e+03
[27456]	5.754619e+03	1.177325e+03	1.392364e+03	1.801689e+03	2.571242e+03
[27461]	4.513879e+03	2.343758e+02	4.601811e+03	3.441252e+03	3.356583e+03
[27466]	4.263421e+03	3.274308e+03	6.161243e+03	4.962836e+03	2.660386e+03
[27471]	6.146969e+02	3.752146e+03	3.497534e+03	3.034112e+03	3.070219e+03
[27476]	3.937115e+03	3.460539e+03	3.865532e+03	4.004447e+03	2.598934e+03
[27481]	6.138520e+03	5.068527e+03	8.203485e+02	4.140947e+03	4.700989e+03
[27486]	3.383823e+03	4.577143e+03	3.176174e+03	6.346478e+03	3.490207e+03
[27491]	1.488996e+03	2.004087e+03	3.498381e+03	1.324417e+02	2.835916e+03
[27496]	3.191169e+03	5.243584e+03	2.535313e+03	5.319886e+03	3.217779e+03
[27501]	2.858986e+03	2.438006e+03	1.594304e+03	3.028971e+03	1.408063e+03
[27506]	1.772740e+03	4.607137e+03	3.262911e+03	4.313726e+03	4.137462e+03
[27511]	1.969384e+03	3.217168e+03	5.461389e+03	3.128744e+03	1.203325e+03
[27516]	3.334965e+03	5.142149e+03	2.626657e+03	3.582854e+03	3.140206e+03
[27521]	4.220363e+03	2.807537e+03	2.540160e+03	6.519556e+03	3.863851e+03
[27526]	2.615671e+03	2.163045e+03	6.186330e+03	3.610179e+03	3.824088e+03
[27531]	3.647552e+03	7.499244e+02	3.421991e+02	4.896666e+03	2.100396e+03
[27536]	3.470124e+03	2.214592e+03	3.268753e+03	2.285884e+03	4.116060e+03
[27541]	2.303434e+03	3.777872e+03	9.963898e+02	3.727580e+03	4.011858e+03
[27546]	4.000355e+03	1.873956e+03	4.960028e+03	1.428773e+03	3.334765e+03
[27551]	5.065937e+03	5.658345e+03	5.320857e+03	6.572902e+03	3.442036e+03
[27556]	1.866237e+03	2.794290e+03	1.607322e+03	2.456796e+03	3.337986e+03
[27561]	4.530898e+03	4.159888e+03	4.103652e+03	6.495749e+03	5.137678e+03

[27566]	4.443825e+03	2.132408e+03	4.991510e+03	3.168449e+03	2.045380e+03
[27571]	2.651680e+03	1.916529e+03	5.254232e+03	1.067983e+03	2.218480e+03
[27576]	5.595901e+03	3.177591e+03	1.077399e+03	1.479792e+03	6.327036e+02
[27581]	2.819965e+03	5.634709e+03	1.534769e+03	4.767988e+03	5.675317e+03
[27586]	1.212047e+03	9.041306e+02	7.651831e+03	4.442840e+03	6.011463e+03
[27591]	1.837053e+03	4.186809e+03	5.029667e+03	1.146330e+03	5.335973e+03
[27596]	6.199319e+03	4.613811e+03	3.563237e+03	4.056285e+03	4.521583e+03
[27601]	1.479348e+03	3.426801e+03	2.187650e+03	2.564761e+03	2.422321e+03
[27606]	4.327605e+03	1.204752e+03	1.959409e+03	2.427195e+03	4.771132e+03
[27611]	2.413843e+03	3.041625e+03	5.749662e+03	2.136555e+03	4.316396e+03
[27616]	2.535101e+03	7.115515e+03	2.873222e+03	3.693714e+03	2.173913e+03
[27621]	1.616250e+03	3.525690e+03	3.854813e+03	1.886212e+03	2.821290e+03
[27626]	4.791797e+03	1.570231e+03	2.945525e+03	5.043320e+03	6.610855e+03
[27631]	1.630258e+03	6.938247e+03	2.044878e+03	7.249111e+03	2.296735e+03
[27636]	7.518303e+03	1.029041e+03	1.586557e+03	9.156439e+02	1.921444e+03
[27641]	2.865057e+03	5.196325e+03	3.380872e+03	3.573430e+03	3.687144e+03
[27646]	4.384755e+03	1.436263e+03	9.210671e+02	3.675366e+03	4.844199e+03
[27651]	5.248262e+03	1.632076e+03	3.147252e+03	2.761661e+03	4.636378e+03
[27656]	2.930865e+03	4.044798e+03	3.575237e+03	1.680476e+03	3.401177e+03
[27661]	7.109968e+03	2.273544e+03	3.346783e+03	1.473324e+03	1.877498e+03
[27666]	2.802555e+03	6.380860e+03	2.009222e+03	3.352216e+03	4.958227e+03
[27671]	2.735906e+03	3.536245e+03	1.451239e+03	1.438186e+03	3.993223e+03
[27676]	2.916258e+03	4.751638e+03	2.827591e+03	3.768488e+03	3.993051e+03
[27681]	3.193076e+03	4.823245e+03	3.969164e+03	4.179911e+03	9.087658e+02
[27686]	1.775838e+03	2.553394e+03	5.048443e+03	3.833941e+03	4.046893e+03
[27691]	1.463794e+03	2.321512e+03	5.866222e+03	3.603496e+03	5.022811e+03
[27696]	3.996464e+03	1.800263e+03	2.636331e+03	1.202628e+03	1.590154e+03
[27701]	3.292354e+03	5.504815e+03	3.145070e+03	2.234214e+03	3.478198e+03
[27706]	3.557065e+03	5.187515e+03	1.673369e+03	4.436109e+03	6.283691e+03
[27711]	3.812908e+03	7.271488e+03	1.659358e+03	9.464470e+02	3.744314e+03
[27716]	8.637753e+02	1.917866e+03	2.132315e+03	4.326715e+03	1.490687e+03
[27721]	3.290747e+03	2.086696e+03	2.251985e+02	4.572520e+03	4.144991e+03
[27726]	1.642844e+03	4.537503e+03	4.025225e+03	3.003038e+03	5.287511e+03
[27731]	3.329729e+03	5.863498e+02	3.262561e+03	8.361899e+00	1.835262e+03
[27736]	6.136104e+03	1.373164e+03	3.863016e+03	2.525812e+03	1.791934e+03
[27741]	3.310767e+03	-4.816285e+01	5.597020e+03	6.983519e+02	2.768093e+03
[27746]	4.142846e+03	5.276683e+03	6.220944e+03	4.803202e+03	5.790515e+03
[27751]	2.782290e+03	2.197194e+03	5.012674e+03	5.576737e+02	6.485852e+03
[27756]	3.523948e+02	3.497862e+03	4.773825e+03	2.184626e+03	5.506010e+03
[27761]	1.706199e+03	3.667890e+03	3.952481e+03	3.643382e+03	3.228047e+03
[27766]	5.262228e+03	2.973270e+03	3.965948e+03	4.146744e+03	2.749853e+03
[27771]	2.531027e+03	1.521669e+03	3.406652e+03	2.426777e+03	4.741059e+03
[27776]	2.564765e+02	4.027784e+03	2.428747e+03	1.210657e+03	4.537572e+03

[27781]	1.667545e+03	1.613521e+03	2.755098e+03	1.600046e+03	2.192938e+03
[27786]	2.112773e+03	1.617790e+03	3.617771e+03	2.957846e+03	4.857904e+03
[27791]	5.902380e+03	2.186330e+03	3.863834e+03	4.735891e+03	2.454790e+03
[27796]	3.437708e+03	7.593546e+03	2.095237e+03	1.179130e+03	3.312995e+03
[27801]	2.168939e+03	5.646277e+03	4.221389e+03	2.145193e+02	5.498963e+03
[27806]	3.467151e+03	4.839979e+03	4.251750e+03	5.057043e+03	1.520982e+03
[27811]	1.556538e+03	3.687782e+03	3.441389e+03	6.107153e+03	5.476719e+03
[27816]	4.719761e+03	4.540539e+03	3.951210e+03	4.084828e+03	5.691281e+03
[27821]	3.477539e+03	4.915371e+03	3.890471e+03	3.714599e+03	5.272260e+03
[27826]	5.958882e+02	3.533821e+03	3.602687e+03	5.961157e+03	3.907124e+03
[27831]	3.282159e+03	-8.941571e+02	3.443265e+03	9.425201e+02	-6.682283e+01
[27836]	-1.300368e+02	3.910705e+03	2.543088e+03	3.315548e+03	2.207816e+03
[27841]	4.941426e+03	4.803175e+03	2.502052e+03	7.640413e+02	6.015648e+03
[27846]	4.890892e+03	3.687015e+03	4.335846e+03	2.890409e+03	5.522520e+03
[27851]	3.313787e+03	4.248117e+03	5.194680e+03	3.127886e+03	5.294649e+03
[27856]	3.834680e+03	6.331320e+03	3.458781e+03	5.275919e+03	4.381732e+03
[27861]	4.750558e+03	3.684380e+03	5.717735e+03	5.337552e+03	4.622789e+03
[27866]	1.395036e+03	2.821007e+03	2.418141e+03	-1.485297e+03	4.795157e+03
[27871]	2.458510e+03	3.671133e+03	3.141593e+03	5.681157e+03	1.480985e+03
[27876]	1.506335e+03	2.327610e+03	2.951318e+03	7.922288e+02	3.442267e+03
[27881]	4.976817e+03	1.041029e+03	3.452905e+03	2.886138e+03	5.851420e+03
[27886]	2.838671e+03	7.047074e+03	2.519113e+03	4.598328e+03	4.417635e+02
[27891]	2.805323e+03	3.751471e+03	4.477260e+03	3.025961e+03	5.595922e+03
[27896]	4.812124e+03	3.507747e+03	3.479097e+03	3.955958e+03	4.273386e+03
[27901]	6.696594e+02	2.318771e+03	3.207629e+03	7.641788e+02	2.402338e+03
[27906]	2.331846e+03	1.603760e+03	5.909514e+03	4.343492e+03	3.978491e+03
[27911]	4.461663e+03	6.532077e+02	2.357607e+03	3.029002e+03	3.030541e+03
[27916]	2.104653e+03	2.949041e+03	2.441976e+03	1.795712e+03	6.439629e+03
[27921]	2.052013e+03	3.995791e+02	4.135218e+03	1.363684e+03	2.436050e+03
[27926]	1.425103e+03	5.175071e+03	2.237076e+03	3.239750e+03	3.447874e+03
[27931]	1.215061e+03	4.342224e+03	4.524491e+03	1.020733e+03	3.310955e+03
[27936]	5.484613e+03	3.047225e+03	1.909403e+03	1.395292e+03	2.605730e+03
[27941]	6.634063e+03	3.079790e+03	2.419175e+03	5.807547e+03	3.521830e+03
[27946]	5.385661e+03	4.507291e+03	2.775744e+03	3.029237e+03	6.331977e+01
[27951]	4.008948e+03	3.517536e+03	3.075338e+03	5.721843e+03	5.081036e+03
[27956]	2.670086e+03	1.069941e+03	1.753027e+03	5.128228e+03	3.304222e+03
[27961]	5.588798e+03	2.939245e+03	5.555943e+03	4.118828e+03	2.692449e+03
[27966]	5.645457e+03	4.958687e+03	5.505175e+03	9.837762e+02	4.229669e+03
[27971]	2.742287e+03	1.484087e+03	2.476259e+03	2.123804e+03	2.380544e+03
[27976]	2.737427e+03	1.775245e+03	2.803012e+03	2.945201e+03	2.775591e+03
[27981]	5.333576e+03	2.525663e+03	3.974306e+03	3.186835e+03	2.170767e+03
[27986]	4.722516e+03	-3.033995e+02	4.549377e+03	3.967751e+03	3.259600e+03
[27991]	3.555374e+03	3.813807e+03	3.613059e+03	2.097311e+03	3.680111e+03

[27996]	4.110980e+03	2.037272e+03	2.323040e+03	2.844059e+03	4.520738e+03
[28001]	4.484685e+03	1.852545e+03	3.887913e+03	2.935091e+03	2.114848e+03
[28006]	2.302835e+03	4.859472e+03	2.839324e+03	3.737362e+03	5.277054e+03
[28011]	6.212639e+03	3.918712e+02	2.769926e+03	1.405889e+03	3.361002e+03
[28016]	3.490737e+03	1.613112e+03	2.422672e+02	2.405506e+03	4.969907e+03
[28021]	3.088426e+03	-1.066589e+03	3.352099e+03	3.848025e+03	2.961457e+03
[28026]	8.148423e+02	3.964809e+03	2.159549e+03	4.578486e+03	1.066814e+03
[28031]	1.925357e+03	6.810291e+03	3.506801e+03	2.212073e+03	3.450823e+03
[28036]	-8.670880e+02	4.534315e+03	2.251782e+03	3.905636e+03	1.051674e+03
[28041]	2.242564e+03	5.070069e+03	2.558512e+03	4.898393e+03	3.496528e+03
[28046]	4.026843e+03	3.396292e+03	2.883024e+03	4.131800e+03	5.109956e+03
[28051]	4.202064e+03	4.141026e+03	3.004365e+03	1.912746e+03	2.328690e+03
[28056]	2.888086e+03	7.521006e+02	6.282410e+03	2.331561e+03	5.656050e+03
[28061]	3.173632e+03	3.421490e+03	4.417896e+03	3.471959e+03	3.886289e+03
[28066]	3.189282e+03	3.928508e+03	9.000118e+02	4.437912e+03	9.448552e+02
[28071]	3.514964e+03	-3.577009e+02	5.789470e+02	3.378571e+03	6.120705e+03
[28076]	2.117973e+03	4.038395e+03	2.453861e+03	3.909526e+03	3.800136e+03
[28081]	6.328246e+03	3.385580e+03	3.182902e+03	1.504941e+03	3.981363e+03
[28086]	2.482593e+03	4.480238e+03	2.945495e+03	4.343549e+03	4.691093e+03
[28091]	4.032688e+03	3.139507e+03	1.455477e+03	4.244474e+03	2.816295e+03
[28096]	1.161901e+03	1.694106e+03	3.608848e+03	3.665983e+03	3.792469e+02
[28101]	6.329440e+03	2.478750e+03	4.242268e+03	2.806869e+03	2.547908e+03
[28106]	3.688208e+03	3.841356e+03	3.742923e+03	2.568436e+03	6.006744e+03
[28111]	1.489996e+03	4.931646e+03	3.067454e+03	2.148880e+03	4.505844e+03
[28116]	5.301720e+03	1.848492e+03	4.381027e+03	3.322204e+03	3.981835e+03
[28121]	-2.067851e+03	9.681251e+02	4.120838e+03	5.065524e+03	3.656180e+03
[28126]	2.444105e+03	6.806803e+02	5.012840e+03	5.099404e+03	3.239596e+03
[28131]	4.019597e+03	3.480215e+03	5.507555e+03	-3.456544e+01	6.646965e+02
[28136]	1.820754e+03	3.878490e+03	1.373856e+03	3.749116e+03	1.494918e+03
[28141]	5.567243e+03	4.577947e+03	2.364082e+03	4.746740e+03	4.201410e+03
[28146]	2.445687e+02	3.617820e+03	4.301166e+03	5.296521e+03	4.230325e+02
[28151]	3.050726e+03	4.309111e+03	3.556106e+03	2.788828e+03	1.778487e+03
[28156]	1.461039e+03	2.543993e+03	3.419289e+03	2.528109e+03	1.421662e+03
[28161]	1.836876e+03	5.447723e+03	4.926353e+03	2.251708e+03	-9.746871e+01
[28166]	3.805051e+03	1.257572e+03	2.419241e+03	1.722818e+03	3.854119e+03
[28171]	1.618019e+03	2.123563e+03	3.702859e+03	3.220965e+03	3.017955e+03
[28176]	2.757054e+03	-8.719339e+02	1.944615e+03	1.322473e+03	4.186552e+03
[28181]	1.127303e+03	2.861135e+03	1.331637e+03	2.871074e+03	5.280588e+03
[28186]	3.007132e+03	1.932503e+03	2.654277e+03	4.127685e+03	4.051319e+03
[28191]	2.978381e+03	3.808026e+03	2.023276e+03	2.500622e+03	7.373951e+02
[28196]	3.844373e+03	1.731837e+03	3.654077e+03	8.473867e+02	3.358976e+03
[28201]	3.739128e+03	2.281002e+03	4.718058e+03	3.318288e+03	5.573996e+03
[28206]	2.302612e+03	5.513223e+03	4.135601e+03	2.073442e+03	6.482419e+03

[28211]	3.465674e+03	2.097574e+03	5.582079e+03	3.545245e+02	3.041886e+03
[28216]	1.985908e+03	5.630324e+03	4.343775e+03	3.196098e+03	3.930817e+03
[28221]	2.752978e+03	3.143331e+03	3.553789e+03	2.748478e+03	2.780836e+03
[28226]	2.214165e+03	3.308099e+03	3.620685e+03	7.089633e+03	2.860000e+03
[28231]	3.709314e+03	2.748777e+03	4.202083e+03	3.965840e+03	3.098704e+03
[28236]	6.066237e+03	2.128610e+03	6.287021e+02	3.892648e+03	3.504841e+03
[28241]	5.947402e+03	3.262074e+03	1.247920e+03	1.799453e+03	4.289059e+03
[28246]	3.109042e+03	1.305660e+03	3.678659e+03	4.732732e+03	2.343757e+03
[28251]	2.522319e+03	6.842885e+02	3.546208e+03	1.910988e+03	3.697632e+03
[28256]	2.762383e+03	5.948031e+03	1.012642e+03	1.345850e+03	1.666598e+03
[28261]	7.438495e+02	3.438146e+03	3.905121e+03	1.854954e+03	1.399559e+03
[28266]	3.310093e+03	4.377063e+03	4.567121e+03	6.306698e+03	3.384086e+03
[28271]	5.104093e+03	5.250770e+03	4.361918e+03	1.411151e+03	2.340954e+03
[28276]	2.277688e+03	7.662866e+02	3.039226e+03	4.178824e+03	2.356685e+03
[28281]	2.114336e+03	4.849517e+03	2.720386e+03	3.399018e+03	5.842878e+03
[28286]	3.077106e+03	1.681700e+03	4.999082e+03	2.538682e+03	4.599718e+03
[28291]	1.614392e+03	5.967442e+03	3.274296e+03	5.346334e+03	2.224309e+03
[28296]	2.541482e+03	2.975700e+03	1.768478e+03	2.742680e+03	1.769122e+03
[28301]	3.948169e+03	4.922429e+03	2.121985e+03	3.110204e+03	1.192949e+03
[28306]	3.253539e+03	4.859007e+03	2.521472e+03	1.654100e+03	2.078908e+03
[28311]	1.771020e+03	2.197491e+03	3.314985e+03	1.477000e+03	3.075547e+03
[28316]	3.135569e+03	3.772852e+03	4.651355e+03	3.887644e+03	2.638651e+03
[28321]	5.228596e+03	2.283765e+03	7.765610e+02	2.515856e+03	3.758530e+03
[28326]	2.894473e+03	6.880928e+03	4.590206e+03	3.540254e+03	1.854502e+03
[28331]	6.816597e+03	3.541232e+03	3.692142e+03	3.060804e+03	6.613140e+03
[28336]	3.864658e+03	1.340428e+03	3.380202e+03	4.412563e+03	4.420284e+03
[28341]	5.350928e+03	3.794933e+03	5.148390e+03	5.158623e+03	4.077399e+03
[28346]	3.277494e+03	3.461156e+02	2.986191e+03	1.264177e+03	2.337356e+03
[28351]	2.457015e+03	2.857089e+03	1.234048e+03	2.118347e+03	5.374226e+03
[28356]	2.683947e+03	4.173417e+03	3.917549e+03	5.858272e+03	1.547640e+03
[28361]	1.964264e+03	1.482822e+03	3.580400e+03	2.928816e+03	3.140059e+03
[28366]	5.563594e+03	2.263177e+03	5.256918e+03	3.966168e+03	3.490113e+03
[28371]	6.426898e+02	2.738746e+03	4.045001e+03	5.543091e+03	4.422309e+03
[28376]	5.032574e+03	3.072153e+03	3.612705e+03	6.865338e+02	1.330908e+03
[28381]	3.332634e+03	3.551949e+03	3.520089e+03	3.139593e+03	4.228772e+03
[28386]	5.110648e+03	2.744590e+03	2.276311e+03	3.506757e+02	2.202790e+03
[28391]	4.840652e+03	3.064365e+03	6.669784e+03	4.152157e+03	4.304262e+03
[28396]	2.852181e+03	1.641732e+03	5.253092e+03	1.264773e+03	9.399187e+02
[28401]	2.319931e+03	2.868027e+03	3.065227e+03	3.821881e+03	4.623601e+03
[28406]	3.083822e+03	3.359492e+03	1.630671e+03	6.283041e+03	4.132946e+03
[28411]	2.774292e+03	4.639294e+03	3.663247e+03	3.634884e+03	8.100088e+02
[28416]	6.795844e+03	4.544992e+03	3.979993e+03	4.442563e+03	2.066024e+03
[28421]	4.238875e+03	4.371625e+03	6.231029e+03	1.635337e+03	2.443440e+03

[28426]	2.197649e+03	4.382556e+03	7.594227e+02	3.339416e+03	6.083788e+03
[28431]	2.740307e+03	3.347602e+03	2.917045e+03	4.323550e+03	3.787140e+03
[28436]	5.035223e+03	3.181130e+03	3.209333e+03	4.759074e+03	3.754676e+03
[28441]	5.295712e+03	2.158706e+03	3.026057e+00	9.259850e+02	5.090670e+03
[28446]	4.496666e+03	1.111645e+03	2.548778e+03	2.606974e+03	4.689257e+03
[28451]	4.313928e+02	2.178418e+03	3.543734e+03	1.917435e+03	5.878807e+03
[28456]	3.010088e+03	1.980871e+03	6.834318e+03	3.086547e+03	4.021486e+03
[28461]	2.107597e+03	4.747543e+03	1.552169e+03	4.636761e+03	2.914954e+03
[28466]	3.032034e+03	2.545261e+03	4.053779e+03	3.390080e+03	4.122192e+03
[28471]	1.521771e+03	2.911241e+03	2.245828e+03	3.254818e+03	3.030874e+03
[28476]	3.709322e+03	2.121944e+03	3.087128e+03	2.527566e+03	2.275082e+03
[28481]	5.817639e+02	1.709378e+03	5.427238e+03	1.187871e+03	5.483538e+02
[28486]	2.403987e+02	5.411089e+03	2.429419e+03	4.265090e+03	4.975600e+03
[28491]	3.433600e+03	2.656675e+03	2.991232e+03	5.119227e+03	1.875840e+03
[28496]	5.094532e+03	4.517378e+03	2.982650e+03	4.727112e+03	2.140861e+03
[28501]	2.991588e+03	1.783542e+03	5.134690e+03	2.446367e+03	4.048711e+03
[28506]	2.963998e+03	4.433249e+03	5.841634e+03	2.271034e+03	6.043032e+00
[28511]	2.522943e+03	4.282096e+03	1.994176e+03	4.200486e+03	2.890997e+03
[28516]	3.217384e+03	1.421692e+03	5.458232e+03	5.141112e+03	2.205385e+03
[28521]	6.368816e+02	6.102716e+03	3.306357e+03	2.518050e+03	3.154844e+03
[28526]	2.543448e+03	3.321112e+03	4.065318e+03	3.884882e+03	2.730597e+03
[28531]	2.802384e+03	1.291128e+03	1.817798e+03	-5.386102e+02	1.522019e+03
[28536]	3.856065e+03	5.271832e+02	3.621509e+03	1.836061e+03	5.397261e+03
[28541]	3.073191e+03	3.863932e+03	3.234078e+03	5.464654e+03	6.567165e+03
[28546]	5.005973e+03	2.385914e+03	7.400742e+02	2.830065e+03	1.898442e+03
[28551]	2.004275e+03	3.957391e+03	3.095340e+03	2.690370e+03	2.487529e+03
[28556]	3.356002e+03	4.350230e+03	3.834200e+03	4.670935e+03	3.360875e+03
[28561]	3.640023e+03	1.309451e+03	2.242387e+03	2.428703e+03	2.230860e+03
[28566]	8.020673e+02	3.925734e+03	4.744795e+03	2.803730e+03	2.383501e+03
[28571]	4.316323e+03	2.644771e+03	3.181015e+03	4.283389e+03	2.832551e+03
[28576]	5.114738e+03	4.217297e+03	4.629522e+03	9.212051e+02	1.320948e+03
[28581]	4.654992e+03	5.557610e+03	2.374298e+03	2.930849e+03	2.824514e+03
[28586]	5.446015e+03	2.595036e+03	3.375110e+03	4.079622e+03	4.196368e+03
[28591]	3.332942e+03	3.379131e+03	3.403792e+03	5.069791e+03	4.533939e+03
[28596]	5.390153e+03	2.947497e+03	4.368501e+03	3.012702e+03	2.817991e+03
[28601]	6.008682e+03	4.676088e+03	2.482194e+03	3.362382e+03	9.828810e+02
[28606]	4.711619e+03	2.434690e+03	3.591533e+03	4.825971e+03	4.818877e+03
[28611]	3.159518e+03	4.501703e+03	3.792111e+03	4.672216e+03	4.973316e+03
[28616]	3.347452e+03	5.556914e+03	3.404256e+03	4.268185e+03	3.905671e+03
[28621]	1.376030e+03	3.986108e+03	2.352152e+03	6.608235e+03	2.428041e+03
[28626]	3.427480e+02	-5.949957e+02	1.572355e+03	5.538807e+03	3.076335e+03
[28631]	6.323495e+03	5.340382e+03	3.151253e+03	2.896079e+03	4.043136e+03
[28636]	3.271380e+03	2.496795e+03	6.228432e+03	4.997406e+03	5.023957e+03

[28641]	3.170840e+03	1.456547e+03	1.637092e+03	5.797166e+03	2.604498e+03
[28646]	1.871631e+03	3.840758e+03	3.266552e+03	3.914066e+03	5.260923e+03
[28651]	4.165451e+03	4.452562e+03	2.958806e+03	3.092445e+03	4.526307e+03
[28656]	1.670788e+03	1.247763e+03	2.227099e+03	5.495454e+03	2.322008e+03
[28661]	1.046497e+03	5.953040e+03	4.034849e+03	4.781079e+03	1.116181e+03
[28666]	6.073154e+03	3.583153e+03	6.823419e+03	4.343853e+03	1.225375e+03
[28671]	2.688783e+03	5.022007e+03	3.134757e+03	5.934580e+03	5.224526e+03
[28676]	6.031569e+03	3.093690e+03	3.866423e+03	3.662788e+03	4.062095e+03
[28681]	3.023971e+02	3.449781e+03	4.370251e+03	6.131101e+03	-5.626258e+02
[28686]	1.263382e+03	3.929239e+03	1.511660e+03	5.289353e+03	3.715193e+03
[28691]	3.417873e+03	2.158809e+03	4.689138e+03	3.602494e+03	3.088035e+03
[28696]	1.827681e+03	4.516670e+03	1.391747e+03	4.972089e+03	2.734039e+03
[28701]	1.125507e+03	5.120184e+03	3.778396e+03	2.457285e+03	5.595854e+03
[28706]	2.801651e+03	2.542290e+02	2.956557e+03	2.142023e+03	2.905382e+03
[28711]	2.046771e+03	1.563791e+03	3.323033e+03	5.456499e+03	2.424989e+03
[28716]	3.816186e+03	6.281825e+03	5.475754e+03	2.149048e+03	5.271309e+03
[28721]	2.908466e+03	1.762434e+03	6.536595e+02	2.973051e+03	2.363897e+03
[28726]	-1.616089e+03	1.652076e+03	2.403740e+03	2.491628e+03	2.366919e+03
[28731]	2.329545e+03	3.120153e+03	4.478637e+03	3.225275e+03	4.380201e+03
[28736]	3.845294e+03	1.214764e+03	9.537119e+02	5.903935e+03	2.233614e+03
[28741]	2.903637e+03	-3.879791e+01	1.538660e+03	3.867179e+03	2.261258e+03
[28746]	4.211939e+03	4.000827e+03	5.488548e+03	5.203621e+03	2.220834e+03
[28751]	4.990638e+03	1.215257e+03	4.619949e+03	2.036072e+03	3.157749e+03
[28756]	3.538509e+03	1.984021e+03	3.654495e+03	3.954507e+03	5.135345e+03
[28761]	4.083445e+03	5.035981e+03	3.488629e+03	3.922827e+03	3.165033e+03
[28766]	4.729065e+03	4.239837e+03	3.940217e+03	3.583266e+03	3.984873e+03
[28771]	4.495836e+02	2.996314e+03	1.374641e+03	2.004200e+03	4.002138e+03
[28776]	3.981127e+03	2.118007e+03	2.836963e+03	1.862639e+03	7.488914e+02
[28781]	1.455842e+03	4.645763e+03	1.798706e+03	1.350245e+03	3.818599e+03
[28786]	4.312872e+03	3.469106e+03	4.059346e+03	3.179410e+03	2.211769e+03
[28791]	3.102241e+03	4.465945e+03	1.584187e+03	3.271820e+03	3.499731e+03
[28796]	4.409568e+03	2.224040e+03	-1.911099e+01	3.808332e+03	4.746823e+03
[28801]	5.037572e+03	9.758704e+02	2.434492e+03	3.379682e+03	4.310792e+03
[28806]	1.600072e+03	3.466814e+03	1.422677e+03	9.110691e+03	7.350164e+02
[28811]	5.750396e+03	1.579048e+03	3.758240e+03	4.263576e+03	5.117038e+03
[28816]	3.275359e+03	5.213490e+03	-1.162693e+03	2.807245e+03	3.226808e+03
[28821]	1.892070e+03	3.488803e+03	2.088049e+03	3.722353e+03	4.045004e+03
[28826]	2.603670e+03	2.748410e+03	4.238043e+03	3.058540e+03	2.597810e+03
[28831]	3.947630e+03	1.016720e+03	3.063932e+03	1.184015e+03	4.982785e+03
[28836]	1.451632e+03	4.169461e+03	3.007679e+03	3.042705e+03	8.632972e+02
[28841]	3.554157e+03	2.377508e+03	3.507150e+03	2.115676e+03	1.060274e+03
[28846]	2.639473e+03	5.224087e+03	2.352562e+03	4.715568e+03	6.617419e+02
[28851]	6.462208e+02	1.673599e+03	1.927233e+03	3.063230e+03	6.823850e+03

[28856]	1.674380e+03	6.866783e+02	1.989108e+03	2.107608e+03	3.862459e+03
[28861]	3.082825e+03	2.392318e+03	2.453878e+03	7.486839e+02	1.783190e+03
[28866]	2.725187e+03	9.414749e+02	2.439527e+03	2.600550e+03	3.618406e+03
[28871]	2.286589e+03	3.735474e+03	6.209347e+03	4.488242e+03	5.386060e+03
[28876]	5.364995e+03	3.482776e+03	2.031229e+03	5.091835e+03	3.271266e+03
[28881]	3.465318e+03	1.713572e+03	5.630025e+03	2.610457e+03	2.430856e+03
[28886]	3.066275e+03	9.851214e+02	2.629417e+03	4.693655e+03	4.232163e+03
[28891]	3.354439e+03	3.992381e+03	3.335702e+03	5.344690e+03	3.998821e+03
[28896]	3.721214e+03	8.409957e+03	1.242946e+03	4.224747e+03	2.889910e+03
[28901]	4.321324e+03	4.886161e+03	2.444113e+03	3.710917e+03	6.042546e+02
[28906]	3.445805e+03	4.480900e+03	1.894095e+03	2.219058e+03	3.717301e+03
[28911]	2.541628e+03	4.360199e+03	3.744173e+03	2.706370e+03	5.405804e+03
[28916]	8.033819e+03	3.174776e+03	6.653888e+03	5.462672e+02	3.066205e+03
[28921]	9.135092e+02	3.735937e+03	3.177495e+03	2.097727e+03	4.274569e+03
[28926]	4.362841e+03	2.820145e+03	2.590514e+03	4.092341e+03	6.483617e+03
[28931]	3.875398e+03	3.161366e+03	3.704323e+02	-5.984445e+02	8.410398e+02
[28936]	2.840197e+03	2.107823e+03	3.504575e+03	1.135135e+03	2.966995e+03
[28941]	3.802898e+03	4.807411e+03	3.400715e+03	2.280361e+03	1.993325e+03
[28946]	3.293481e+03	3.509606e+03	-4.918620e+02	2.472524e+03	3.109239e+03
[28951]	5.488050e+03	7.638941e+02	3.535851e+03	2.440985e+03	5.253561e+03
[28956]	2.731207e+03	4.650057e+03	3.544859e+03	1.240526e+03	4.785025e+03
[28961]	2.404746e+03	3.039135e+03	8.525018e+02	1.948014e+03	5.905041e+03
[28966]	1.897915e+03	3.523121e+03	3.591536e+03	5.748474e+03	2.432734e+03
[28971]	3.729864e+03	5.353917e+03	4.570732e+03	1.222745e+03	5.387987e+03
[28976]	3.649905e+03	-5.758579e+02	3.586783e+03	2.408287e+03	6.965906e+02
[28981]	4.384095e+03	3.001079e+03	5.439136e+03	2.484193e+03	2.938216e+03
[28986]	5.079463e+03	5.003885e+03	1.433659e+03	1.867094e+03	4.594560e+02
[28991]	1.917237e+03	3.643871e+03	5.978606e+03	4.550031e+03	5.336225e+03
[28996]	2.756397e+03	2.719936e+03	1.791488e+03	3.210391e+03	1.366449e+03
[29001]	1.033979e+03	3.661217e+03	2.910360e+03	6.541039e+02	1.430648e+03
[29006]	3.272454e+03	3.399148e+03	2.511315e+03	4.719326e+03	4.604183e+03
[29011]	2.655599e+03	4.680303e+03	3.085076e+03	1.147084e+03	3.918927e+03
[29016]	2.334738e+02	5.786476e+03	2.184629e+03	4.574825e+03	5.788993e+03
[29021]	4.980559e+03	3.397327e+03	1.629717e+03	3.706336e+03	3.499525e+03
[29026]	2.940001e+03	1.775656e+03	8.456521e+02	2.727362e+02	4.501370e+03
[29031]	2.756839e+03	5.097901e+03	3.567278e+03	1.476988e+02	2.510861e+03
[29036]	4.374366e+03	3.863771e+03	3.049456e+03	8.506830e+01	2.429594e+03
[29041]	2.044756e+03	4.779769e+03	7.672066e+02	5.593534e+03	3.194085e+03
[29046]	4.035031e+03	4.394372e+03	5.823978e+03	4.337856e+03	3.887933e+03
[29051]	4.590435e+03	4.622335e+03	4.993071e+02	3.123126e+03	9.661120e+02
[29056]	1.793742e+03	2.659583e+03	4.577943e+02	1.653026e+03	9.640167e+02
[29061]	3.304637e+03	1.226232e+03	2.646777e+03	4.069020e+03	2.097946e+03
[29066]	4.974033e+03	4.153765e+03	3.569718e+03	4.196812e+03	1.170706e+03



[29071]	3.667145e+03	1.994938e+03	2.741857e+03	3.502907e+03	5.634892e+03
[29076]	1.963624e+03	1.880284e+03	1.655031e+03	3.962106e+03	4.948688e+03
[29081]	1.251665e+03	4.737823e+03	3.209273e+03	1.889538e+03	5.309009e+03
[29086]	4.395017e+03	6.641423e+02	5.892955e+03	4.106536e+03	4.121063e+03
[29091]	4.311978e+03	5.816202e+03	7.167646e+03	2.969116e+03	-2.019070e+02
[29096]	4.444470e+03	3.270201e+03	6.057417e+03	3.323301e+02	1.209198e+03
[29101]	5.974380e+03	3.016438e+03	3.607472e+03	2.437823e+03	3.134654e+03
[29106]	4.275318e+02	2.955496e+03	3.256335e+03	4.757664e+03	5.085465e+03
[29111]	2.564195e+03	5.310135e+03	1.562530e+03	6.066589e+03	5.724752e+03
[29116]	2.398495e+03	3.748904e+03	4.960096e+03	3.922262e+03	3.622589e+03
[29121]	2.759293e+03	4.864297e+03	6.822908e+03	1.048980e+03	4.265383e+03
[29126]	4.130335e+03	4.967598e+03	3.187081e+03	2.820687e+03	1.415954e+03
[29131]	3.664913e+03	4.647748e+03	5.589092e+03	4.080191e+03	8.145585e+02
[29136]	2.045625e+03	4.238128e+03	1.788711e+03	3.538144e+03	3.879846e+03
[29141]	5.009459e+03	4.260413e+03	3.659196e+03	1.720190e+01	4.070364e+03
[29146]	2.554397e+03	1.780107e+03	2.924114e+03	4.195738e+03	-1.388422e+03
[29151]	3.211095e+03	2.908357e+03	3.784314e+03	4.341569e+03	1.927224e+03
[29156]	2.084980e+03	3.570917e+03	1.915538e+03	2.471797e+03	6.300324e+03
[29161]	4.540422e+03	1.808415e+03	2.174251e+03	2.885184e+03	2.102426e+03
[29166]	3.638159e+03	2.776366e+03	4.767959e+03	1.252727e+01	2.367043e+03
[29171]	1.841634e+03	6.662042e+03	8.021257e+03	6.718864e+03	3.730545e+03
[29176]	3.287523e+03	3.698380e+03	6.801737e+03	3.628090e+03	4.933007e+03
[29181]	-2.701996e+02	3.664141e+03	2.013911e+03	4.109572e+03	3.773769e+03
[29186]	4.119517e+03	6.036904e+03	3.682299e+03	2.389002e+03	2.876059e+03
[29191]	3.942966e+03	3.678284e+03	3.201087e+03	1.884089e+03	4.913485e+03
[29196]	6.356212e+03	3.023270e+03	5.384719e+03	5.548679e+03	8.651369e+02
[29201]	3.459489e+03	6.862758e+02	2.579936e+03	3.165846e+03	4.658134e+03
[29206]	4.502623e+03	1.325527e+03	5.488084e+03	3.719272e+03	1.592705e+03
[29211]	1.836384e+03	4.424139e+03	1.493398e+03	6.047258e+03	3.616811e+03
[29216]	6.162948e+03	1.158720e+03	4.263475e+02	7.115105e+02	7.039395e+03
[29221]	6.370410e+02	4.725229e+03	1.945112e+03	4.953411e+03	4.935012e+03
[29226]	4.337439e+03	2.284403e+03	6.969053e+02	4.940571e+03	4.132606e+03
[29231]	2.040353e+03	3.107351e+03	2.858843e+03	2.548053e+03	1.140884e+03
[29236]	4.222627e+03	3.748352e+03	4.506245e+03	4.577196e+03	5.562830e+03
[29241]	3.257438e+03	3.994367e+03	3.601243e+03	4.275683e+03	3.356439e+03
[29246]	3.653916e+03	1.243715e+03	5.997343e+03	3.808091e+03	5.128757e+03
[29251]	1.559050e+03	4.070078e+03	5.548214e+03	3.300383e+03	4.602949e+03
[29256]	2.560204e+03	3.529624e+03	4.974836e+03	-6.098582e+02	4.687992e+03
[29261]	-4.134094e+02	5.242518e+03	4.709684e+03	2.028804e+03	3.582569e+03
[29266]	1.786456e+03	2.436152e+03	4.365777e+03	1.676007e+03	2.443963e+03
[29271]	3.348918e+03	1.850882e+03	2.799345e+03	1.251524e+03	2.670228e+03
[29276]	5.021975e+03	6.809783e+03	3.184311e+03	2.835028e+03	3.211212e+03
[29281]	2.743492e+03	2.587327e+03	3.301941e+03	4.703396e+03	1.857871e+03

[29286]	3.586962e+03	1.301716e+03	3.614337e+03	2.446054e+03	5.735330e+03
[29291]	2.604241e+03	3.718576e+03	4.925028e+03	1.992005e+03	3.765683e+03
[29296]	3.338087e+02	1.634966e+03	3.526068e+03	4.311140e+03	1.797215e+03
[29301]	3.217724e+03	5.335816e+03	2.000271e+03	2.435932e+03	3.116545e+03
[29306]	7.124118e+03	5.892866e+03	4.101261e+03	3.821994e+03	1.746979e+03
[29311]	2.213503e+03	1.684464e+03	1.930264e+03	6.679383e+03	3.388272e+03
[29316]	3.838210e+03	4.885165e+03	2.815679e+03	1.694394e+03	4.316881e+03
[29321]	3.020358e+03	1.487888e+03	3.380681e+03	1.938782e+03	9.717662e+02
[29326]	3.755678e+03	2.146472e+03	3.004150e+03	6.366298e+03	3.718359e+03
[29331]	1.805113e+03	3.048009e+03	3.032091e+03	2.747066e+03	3.074929e+03
[29336]	3.526734e+03	5.781365e+03	3.306027e+03	1.673832e+03	5.190049e+03
[29341]	7.846388e+00	2.126741e+03	4.644284e+03	3.938726e+03	3.913508e+03
[29346]	2.048540e+03	6.376184e+03	2.540268e+03	1.895458e+03	7.525792e+03
[29351]	3.951144e+03	5.067439e+03	3.649675e+03	4.648014e+03	3.487842e+03
[29356]	5.550355e+03	1.643235e+03	2.141263e+03	3.752835e+03	2.281686e+03
[29361]	2.962831e+03	2.235893e+03	2.940843e+03	5.056704e+03	2.052812e+03
[29366]	3.376236e+02	5.566909e+03	2.577741e+03	2.706390e+03	4.681660e+03
[29371]	5.092338e+03	4.808780e+03	-1.088446e+03	1.808235e+03	6.251756e+03
[29376]	5.644656e+03	6.282422e+02	2.858126e+03	2.858493e+03	2.216227e+03
[29381]	3.083596e+03	3.229281e+03	3.267440e+03	2.247578e+03	8.598562e+02
[29386]	5.403935e+03	5.613836e+03	3.148506e+03	7.343549e+02	4.197511e+03
[29391]	6.716440e+03	3.053757e+03	4.949570e+03	1.972848e+03	1.837399e+03
[29396]	1.591846e+03	4.250622e+03	2.925025e+03	2.550849e+03	6.037945e+03
[29401]	8.381235e+02	8.153294e+02	2.458808e+03	5.269763e+03	3.364521e+03
[29406]	1.373017e+03	3.330073e+03	4.153238e+03	3.191696e+03	3.713179e+03
[29411]	1.507656e+03	1.190804e+03	3.181648e+03	2.796832e+03	2.710798e+03
[29416]	2.757619e+03	7.684911e+02	3.027763e+03	4.038848e+03	3.925559e+03
[29421]	1.427484e+03	3.395790e+03	4.227989e+03	2.920474e+01	3.153022e+03
[29426]	4.516333e+03	5.790932e+03	8.309941e+02	1.882510e+03	4.812653e+03
[29431]	6.844188e+00	1.151677e+03	2.860168e+03	1.894467e+03	2.684056e+03
[29436]	2.654344e+03	3.930221e+03	3.442556e+03	2.629148e+03	4.031026e+03
[29441]	3.592186e+03	3.241667e+03	3.455905e+03	5.669300e+03	4.337979e+03
[29446]	3.396512e+03	6.172201e+03	3.273736e+03	3.082358e+03	-7.432396e+02
[29451]	4.228280e+03	1.970074e+03	-5.491017e+02	3.189003e+03	5.578097e+03
[29456]	5.703319e+03	3.204907e+03	-4.427251e+01	3.697395e+03	-2.585821e+02
[29461]	4.269007e+03	3.385116e+02	3.985183e+03	3.181624e+03	9.193120e+02
[29466]	2.831235e+03	5.070049e+03	4.004064e+03	4.500573e+03	4.285120e+03
[29471]	2.713228e+03	1.658188e+03	3.245992e+03	5.661182e+03	4.659473e+03
[29476]	3.563676e+03	5.946548e+03	6.110531e+03	2.810013e+03	2.495190e+03
[29481]	4.942103e+03	2.238692e+03	3.150552e+03	1.617536e+03	5.806437e+03
[29486]	3.695736e+03	1.790070e+03	1.471132e+03	3.242461e+03	5.065660e+03
[29491]	5.325376e+03	5.166600e+03	2.624201e+03	2.711786e+03	3.305792e+03
[29496]	2.012248e+03	3.029035e+03	2.942022e+03	2.354035e+03	4.718385e+03

[29501]	-2.303804e+02	4.232369e+03	4.365516e+03	4.515367e+03	2.788324e+03
[29506]	1.742902e+03	3.080258e+03	3.464240e+03	2.847036e+03	5.439253e+03
[29511]	2.948832e+03	2.409828e+03	2.779951e+03	3.625337e+03	2.550075e+03
[29516]	2.954921e+03	4.329901e+03	3.831799e+03	3.089734e+03	4.049132e+03
[29521]	3.400022e+02	3.137530e+03	1.932560e+03	5.070436e+03	3.783311e+03
[29526]	3.421293e+03	4.906444e+02	4.606050e+03	3.489694e+03	7.261011e+03
[29531]	2.493186e+03	2.647042e+03	4.064261e+03	5.092008e+02	1.349261e+03
[29536]	3.456571e+03	1.654854e+03	2.322274e+03	5.455720e+03	1.853653e+03
[29541]	2.416585e+03	4.399809e+03	5.037870e+03	4.693276e+03	4.798023e+03
[29546]	3.909850e+03	8.161015e+02	2.792105e+03	1.653688e+03	4.452848e+03
[29551]	3.774268e+03	5.508064e+03	3.011066e+03	4.432734e+03	7.607322e+02
[29556]	3.819717e+03	3.413361e+03	1.328762e+03	3.741019e+03	2.784555e+03
[29561]	2.452296e+03	3.827995e+03	5.063824e+03	3.976773e+03	4.225690e+03
[29566]	4.741045e+03	1.610024e+03	1.667700e+03	2.916695e+03	2.337592e+03
[29571]	1.566688e+03	3.530798e+03	4.204462e+03	6.526274e+03	1.506206e+03
[29576]	5.079615e+03	3.666836e+03	4.251539e+03	2.281918e+03	2.528520e+03
[29581]	2.509006e+03	5.759691e+03	3.623607e+03	3.424634e+03	2.433549e+03
[29586]	3.855330e+03	4.573864e+03	4.509140e+03	1.516440e+03	3.546236e+03
[29591]	6.636594e+03	1.824979e+03	2.751581e+03	3.558506e+03	2.616323e+03
[29596]	3.875043e+03	2.968194e+03	9.332958e+02	2.053449e+03	1.092240e+03
[29601]	4.721316e+03	8.004373e+03	3.770612e+03	1.793541e+03	3.451031e+03
[29606]	4.877093e+03	3.814021e+03	4.162814e+03	1.646904e+03	3.774160e+03
[29611]	2.721446e+03	4.364331e+03	4.620511e+03	5.726474e+03	1.208318e+03
[29616]	1.117196e+03	1.304816e+03	1.983268e+03	2.249104e+03	3.365236e+03
[29621]	5.323824e+03	7.240277e+03	4.123545e+03	3.350018e+03	3.354679e+03
[29626]	6.986429e+03	2.132172e+03	2.077000e+03	4.140315e+03	4.117019e+03
[29631]	4.125014e+03	2.649053e+02	4.923916e+03	4.355242e+03	1.970644e+03
[29636]	3.415992e+03	4.218551e+03	3.589943e+03	1.539207e+03	2.429355e+03
[29641]	6.815286e+03	2.799406e+03	2.578443e+03	3.032548e+03	2.517286e+03
[29646]	4.972347e+03	4.469469e+03	1.657306e+03	1.533959e+03	3.826887e+03
[29651]	2.815212e+03	3.556062e+03	4.462921e+03	1.859543e+03	1.544024e+03
[29656]	4.013758e+03	1.145031e+03	2.636724e+03	3.244360e+03	1.250109e+03
[29661]	3.086474e+03	4.947961e+03	5.142193e+03	3.708542e+03	6.397716e+02
[29666]	5.414223e+03	2.209148e+03	5.587187e+03	2.757854e+03	1.812847e+03
[29671]	2.207922e+03	4.810795e+03	2.328062e+03	3.534067e+03	3.826562e+03
[29676]	4.296694e+03	4.393110e+03	9.534386e+02	4.314696e+03	5.084343e+03
[29681]	4.579383e+03	1.700956e+03	3.027668e+03	1.679764e+03	3.853395e+03
[29686]	3.602675e+03	1.780589e+03	4.389701e+03	2.545207e+03	3.835355e+03
[29691]	2.390537e+03	2.739545e+03	3.951811e+03	2.234293e+03	2.315573e+03
[29696]	1.473914e+03	3.406926e+03	2.534356e+03	4.494968e+03	2.484882e+03
[29701]	1.263121e+03	3.484094e+03	1.158741e+03	3.207156e+03	2.457613e+03
[29706]	2.987373e+03	3.115167e+03	2.404307e+03	5.438927e+03	2.583967e+03
[29711]	3.993021e+03	4.883396e+03	3.348936e+03	2.898214e+03	6.892491e+03

[29716]	7.177455e+02	2.175590e+03	3.332869e+03	6.444946e+03	3.902943e+03
[29721]	2.327955e+03	3.117776e+03	1.731851e+03	6.756728e+03	4.244304e+03
[29726]	1.312400e+03	1.372188e+03	4.229760e+03	2.930545e+02	3.811526e+03
[29731]	5.368561e+03	3.747073e+03	3.356191e+03	6.945274e+02	3.734939e+03
[29736]	3.122035e+03	1.135061e+03	3.100990e+03	5.363889e+03	3.249348e+03
[29741]	6.036655e+03	4.030222e+03	2.277269e+03	2.091188e+03	1.870605e+03
[29746]	1.540675e+03	5.520894e+02	5.728922e+03	3.255978e+03	3.501020e+03
[29751]	1.859605e+03	4.389799e+03	2.321998e+03	2.601325e+03	6.346772e+03
[29756]	1.566183e+02	6.735252e+02	2.808347e+03	4.262690e+03	3.862284e+03
[29761]	2.685708e+03	2.750982e+03	3.990547e+03	4.473068e+03	4.399690e+03
[29766]	2.617564e+02	4.075238e+03	3.244045e+03	2.112975e+03	4.003577e+03
[29771]	5.486903e+03	4.372613e+03	2.661031e+03	2.259892e+03	1.432241e+03
[29776]	3.919103e+03	2.501877e+03	2.849274e+03	2.115553e+03	1.468875e+03
[29781]	4.937561e+03	3.745266e+03	2.242501e+03	1.600004e+03	3.015021e+03
[29786]	-4.731497e+02	8.059447e+03	2.871086e+03	3.636137e+03	2.239571e+03
[29791]	2.921750e+03	3.438416e+03	3.320363e+03	5.249348e+03	1.727261e+03
[29796]	2.531322e+03	3.992803e+02	2.653165e+03	4.434516e+03	1.655228e+03
[29801]	4.892806e+03	2.844094e+03	6.111040e+02	7.610567e+03	6.200478e+03
[29806]	3.520133e+03	2.744295e+03	9.938359e+02	9.997720e+02	3.706807e+03
[29811]	4.618753e+03	8.178046e+02	1.769003e+03	2.942399e+03	1.858645e+03
[29816]	2.242571e+03	3.543337e+03	2.776462e+03	2.921360e+03	4.482346e+03
[29821]	4.709971e+03	1.306340e+03	3.023687e+03	3.649613e+03	2.467331e+03
[29826]	3.574029e+03	3.173246e+03	7.602493e+03	1.590698e+02	3.046062e+03
[29831]	3.520582e+03	2.309765e+03	3.502684e+03	2.077506e+03	4.896182e+03
[29836]	2.551169e+03	6.363544e+03	4.400868e+03	5.891686e+02	1.525130e+03
[29841]	4.052388e+03	3.366775e+03	5.471927e+03	3.082761e+03	2.412239e+03
[29846]	1.458996e+03	1.158256e+03	3.425303e+03	4.339323e+03	2.405151e+03
[29851]	2.238703e+03	5.488186e+03	3.600810e+03	3.742688e+03	4.890771e+03
[29856]	2.454350e+03	3.109522e+03	4.766492e+03	3.568096e+03	2.213642e+03
[29861]	1.718863e+03	4.750375e+03	3.181787e+03	2.177498e+03	2.576700e+03
[29866]	2.753355e+03	1.486711e+03	2.651899e+03	2.128606e+03	2.739029e+03
[29871]	3.156832e+03	-2.039063e+03	2.238662e+03	4.017127e+03	2.777089e+03
[29876]	4.430901e+02	4.222972e+03	3.986433e+03	1.727388e+03	5.266257e+03
[29881]	3.074933e+03	1.334199e+03	3.505032e+03	8.852379e+02	4.037079e+03
[29886]	4.334046e+03	2.120427e+03	2.322402e+03	3.624905e+03	6.441012e+03
[29891]	1.697817e+03	4.293223e+03	-9.293119e+02	3.239987e+03	5.610564e+03
[29896]	4.043937e+03	2.507663e+03	5.249770e+03	4.907583e+03	1.679725e+02
[29901]	5.041977e+03	5.318516e+03	3.795761e+03	2.265274e+03	3.837903e+03
[29906]	2.079113e+03	2.129893e+02	5.030791e+03	2.982571e+03	4.090823e+03
[29911]	4.975614e+03	4.869509e+03	6.761072e+03	2.367225e+03	4.776359e+03
[29916]	5.131416e+03	3.895947e+03	1.013607e+03	3.283541e+03	1.522186e+03
[29921]	5.096720e+03	1.872778e+03	1.432912e+03	3.127705e+03	3.059461e+03
[29926]	3.030429e+03	2.314666e+03	4.117531e+03	5.707882e+03	5.259497e+03

[29931]	5.282786e+03	2.379648e+03	7.569120e+02	1.859025e+03	2.785858e+03
[29936]	1.698334e+03	2.596783e+03	2.842405e+03	5.388098e+03	5.296363e+03
[29941]	3.440700e+03	1.791570e+03	2.793719e+03	5.041425e+03	4.033970e+03
[29946]	4.609423e+03	6.003544e+03	5.042696e+03	3.871164e+02	4.221173e+03
[29951]	5.983686e+03	4.954826e+03	1.363274e+03	9.491097e+02	3.552459e+03
[29956]	2.901952e+03	1.977559e+03	5.005011e+03	4.115854e+03	3.400401e+03
[29961]	4.803213e+03	2.739136e+03	1.820230e+03	2.351657e+03	2.140511e+03
[29966]	4.365112e+03	4.256893e+03	4.724714e+03	3.646381e+02	5.246505e+03
[29971]	8.773653e+02	5.175713e+03	5.041427e+02	3.525451e+03	4.400314e+03
[29976]	3.164687e+03	6.119721e+03	1.833279e+03	4.839553e+03	1.125279e+03
[29981]	5.444403e+03	4.848026e+03	3.433176e+03	2.380306e+03	6.220608e+02
[29986]	5.568482e+03	-1.552140e+03	3.503207e+03	2.979847e+03	1.618001e+03
[29991]	3.568043e+03	4.714102e+03	5.386371e+03	3.759126e+03	3.574771e+03
[29996]	1.292820e+03	5.004756e+03	3.753505e+03	3.246425e+03	4.353311e+02
[30001]	4.243749e+03	3.490821e+03	1.811105e+03	3.600022e+03	2.583634e+02
[30006]	2.283383e+02	5.357864e+03	2.027702e+03	4.479662e+03	2.706802e+03
[30011]	2.760268e+03	6.371848e+03	2.262078e+03	4.292123e+03	4.248836e+02
[30016]	2.088546e+03	4.638539e+03	4.727667e+03	4.158595e+03	4.726123e+03
[30021]	4.727900e+03	3.285558e+03	3.485691e+03	4.631566e+03	2.763682e+03
[30026]	2.847049e+03	4.341492e+03	3.453164e+03	4.171976e+03	1.932078e+03
[30031]	2.475211e+03	3.622110e+03	4.265924e+03	4.972693e+03	4.227809e+03
[30036]	5.984624e+02	3.263490e+03	2.491690e+03	-5.497050e+02	4.126132e+03
[30041]	6.953879e+02	2.362244e+03	5.011066e+03	2.974626e+03	5.496715e+03
[30046]	3.208037e+03	4.821384e+02	4.136148e+03	3.375739e+03	1.836587e+03
[30051]	5.434389e+02	2.247453e+03	3.280456e+03	3.220109e+03	3.534144e+03
[30056]	3.858862e+03	3.267827e+03	5.156739e+03	1.710003e+03	2.571430e+03
[30061]	2.914074e+03	3.025520e+03	2.513883e+03	4.736210e+03	3.827919e+03
[30066]	2.840469e+03	3.726577e+03	2.995784e+03	4.099673e+03	4.423939e+03
[30071]	1.986156e+03	2.651271e+03	5.511137e+03	3.293999e+03	2.187787e+03
[30076]	6.616971e+03	1.078056e+03	3.853011e+03	2.378308e+03	1.924146e+03
[30081]	2.686803e+03	1.240261e+03	1.891865e+03	3.498580e+03	4.076836e+03
[30086]	4.099919e+03	2.253292e+03	1.211818e+03	3.150204e+03	3.110736e+03
[30091]	2.939507e+03	3.428083e+03	7.112382e+02	2.906649e+03	1.726920e+03
[30096]	5.148348e+03	2.304529e+03	2.018835e+03	3.930053e+03	1.566117e+03
[30101]	4.189126e+03	-8.440097e+01	3.307819e+03	5.210357e+03	-6.492296e+01
[30106]	6.195107e+03	1.271423e+03	3.726500e+03	2.097069e+03	5.213945e+03
[30111]	3.795443e+03	3.202607e+02	4.165047e+03	2.055941e+03	2.800353e+03
[30116]	3.944598e+03	2.682179e+03	2.645957e+03	3.753375e+03	6.448330e+03
[30121]	3.664506e+03	6.209938e+03	5.872177e+03	2.287061e+03	2.180340e+03
[30126]	3.707949e+03	6.777184e+02	2.691360e+03	4.114278e+03	5.330396e+03
[30131]	4.226267e+03	4.087923e+03	3.760648e+03	3.494353e+03	5.805892e+03
[30136]	4.327215e+03	4.064253e+03	5.035241e+03	3.676069e+03	2.235275e+03
[30141]	4.454840e+03	5.423827e+03	4.912401e+03	2.739277e+03	2.664215e+03

[30146]	4.007287e+03	1.147220e+03	3.470599e+03	1.337337e+03	5.536257e+03
[30151]	1.384177e+03	5.655581e+03	3.029240e+03	5.653729e+03	2.479195e+03
[30156]	5.149913e+03	3.960368e+03	1.656986e+03	4.470531e+03	2.793439e+03
[30161]	3.996506e+03	5.900677e+03	2.028731e+03	3.394909e+03	4.579647e+03
[30166]	2.183513e+03	4.930221e+03	4.373801e+03	4.035854e+03	1.775296e+03
[30171]	1.196057e+03	4.395856e+03	3.671384e+03	2.806182e+03	1.883924e+03
[30176]	1.851701e+03	5.086522e+03	4.954637e+03	3.753134e+03	2.043944e+03
[30181]	4.325730e+03	3.875866e+03	3.985349e+03	4.922474e+03	1.659800e+03
[30186]	2.478156e+03	2.167175e+03	1.889847e+03	4.037333e+03	5.989473e+03
[30191]	2.347792e+03	5.397749e+03	1.430420e+03	4.064667e+03	5.302469e+03
[30196]	1.234570e+03	1.345293e+03	2.332629e+03	2.210496e+03	3.915297e+03
[30201]	2.867070e+03	1.541902e+03	1.273359e+03	2.120943e+03	4.126286e+03
[30206]	3.249032e+03	1.745111e+03	2.345506e+03	1.782419e+03	3.169371e+03
[30211]	1.810273e+03	4.227800e+03	2.219702e+03	2.371650e+03	5.098888e+03
[30216]	2.504975e+03	5.835044e+03	4.223451e+03	3.829852e+03	-2.904877e+02
[30221]	3.796981e+03	-6.756124e+01	2.764763e+03	3.925190e+03	2.168881e+03
[30226]	4.372074e+03	3.628064e+03	5.442057e+03	3.335886e+03	7.027073e+03
[30231]	4.374934e+03	6.321876e+03	7.446274e+01	3.361423e+03	3.446703e+03
[30236]	3.301441e+03	5.918994e+03	1.310522e+03	4.303257e+03	2.339559e+03
[30241]	2.167795e+03	4.033587e+03	2.141060e+03	4.684974e+03	5.856221e+03
[30246]	2.909618e+03	3.156265e+03	1.752701e+03	4.142900e+03	2.241135e+03
[30251]	4.306738e+03	3.580406e+03	1.724729e+03	2.317704e+03	1.919621e+03
[30256]	1.558997e+03	5.609744e+03	2.330853e+03	3.619662e+03	3.365271e+03
[30261]	-7.223749e+02	2.628126e+03	2.351201e+03	4.088280e+03	2.333090e+03
[30266]	2.771798e+03	3.486087e+03	1.678139e+03	4.078276e+03	2.887446e+03
[30271]	1.213648e+03	5.071182e+03	5.855021e+03	1.471367e+03	1.581828e+03
[30276]	5.875178e+01	3.109422e+03	6.458253e+03	2.985380e+03	3.928337e+03
[30281]	2.890826e+03	-1.629380e+02	-1.065032e+03	1.899378e+03	3.082164e+03
[30286]	4.121341e+03	1.103880e+03	2.889651e+03	4.821976e+03	5.433209e+02
[30291]	4.927953e+03	1.240155e+03	5.676846e+03	1.918261e+03	3.020733e+03
[30296]	4.964222e+03	4.155494e+03	4.100540e+03	3.947850e+03	3.474359e+03
[30301]	9.064673e+02	4.387272e+03	5.143442e+03	3.112272e+03	3.012388e+03
[30306]	5.794243e+03	5.928155e+03	3.731602e+03	2.427465e+03	5.866229e+03
[30311]	2.039189e+02	4.924321e+03	4.869416e+03	1.838235e+03	3.260029e+03
[30316]	2.962553e+03	2.902635e+03	1.936518e+03	3.022795e+03	3.901317e+03
[30321]	2.383275e+03	3.622023e+03	4.056512e+03	3.829290e+03	5.034452e+03
[30326]	4.174354e+03	4.273994e+03	4.727564e+03	6.370585e+03	2.752033e+03
[30331]	2.114684e+02	1.232600e+03	2.258867e+03	3.625804e+03	3.236765e+03
[30336]	7.536042e+02	4.368716e+03	1.985705e+03	3.436630e+03	3.627053e+03
[30341]	3.408669e+03	3.812719e+03	2.744176e+03	6.538185e+03	2.098888e+03
[30346]	4.211425e+03	2.407781e+03	5.337923e+03	3.807514e+03	6.306721e+03
[30351]	2.497329e+03	3.317479e+03	6.034445e+03	2.707185e+03	3.614118e+03
[30356]	9.092325e+02	3.618163e+03	3.901802e+03	3.336700e+03	3.281848e+03

[30361]	2.342333e+03	2.620877e+03	3.157357e+03	4.782875e+03	8.373321e+02
[30366]	3.079116e+03	3.161898e+03	4.430213e+03	2.901233e+03	3.866598e+03
[30371]	3.209462e+03	3.664274e+03	5.019367e+03	4.621198e+03	3.997595e+03
[30376]	1.207027e+03	1.447412e+03	3.053493e+03	4.298166e+03	3.074368e+03
[30381]	5.585913e+03	4.803712e+03	1.231670e+03	4.734637e+03	3.463108e+03
[30386]	1.055529e+03	-7.852070e+01	3.922460e+03	3.118902e+03	2.612254e+03
[30391]	4.287504e+03	2.969534e+03	2.986741e+03	2.843135e+03	1.210868e+03
[30396]	5.252506e+03	3.360029e+03	1.110498e+03	4.574706e+03	5.097196e+03
[30401]	5.908045e+03	3.061603e+03	3.606489e+03	6.139667e+03	3.648989e+03
[30406]	9.075133e+02	5.781270e+03	1.443204e+03	1.028679e+03	2.757304e+03
[30411]	3.262922e+03	3.225220e+03	3.660699e+03	4.481942e+02	3.297452e+03
[30416]	2.978167e+03	3.198530e+03	4.611292e+03	4.385330e+03	2.782621e+03
[30421]	3.476144e+03	3.682635e+03	1.034495e+03	4.599923e+03	2.642928e+03
[30426]	3.620035e+03	3.507314e+03	2.861424e+03	4.086788e+03	2.273540e+03
[30431]	2.401816e+01	6.156537e+03	3.187150e+03	5.135567e+03	4.598839e+03
[30436]	4.074371e+03	2.594249e+03	4.916490e+02	3.587034e+03	2.166403e+03
[30441]	5.492186e+03	4.002854e+03	3.969098e+03	1.576297e+03	5.897151e+03
[30446]	3.630339e+03	2.703467e+03	3.983717e+03	7.288430e+03	4.233322e+03
[30451]	2.716700e+03	9.087949e+02	6.725029e+03	1.781676e+03	3.015278e+03
[30456]	2.982664e+03	2.999125e+03	6.832169e+03	4.805410e+03	4.393133e+03
[30461]	3.391681e+03	1.963585e+03	2.627245e+03	4.292393e+03	3.796240e+03
[30466]	2.559031e+03	2.609059e+03	1.086418e+03	4.001780e+03	4.438510e+03
[30471]	3.950481e+03	2.516875e+02	8.704220e+02	3.744653e+03	2.827272e+03
[30476]	1.437999e+03	1.947249e+03	3.491064e+03	3.065758e+03	4.158545e+03
[30481]	-2.093559e+01	2.660794e+03	1.626512e+02	3.083675e+03	2.456055e+03
[30486]	3.332377e+03	2.903330e+03	2.856257e+03	2.133455e+03	4.763211e+03
[30491]	3.555846e+03	1.917308e+03	4.048911e+03	4.769723e+03	1.371427e+03
[30496]	4.698301e+03	2.300041e+03	3.431436e+03	6.957103e+03	3.863009e+03
[30501]	8.480060e+02	1.451835e+03	3.727051e+03	1.141369e+03	1.878676e+03
[30506]	1.261282e+03	1.210416e+03	4.231157e+03	-2.648240e+03	2.195923e+03
[30511]	3.481177e+03	3.390116e+03	2.537860e+03	4.416803e+03	2.139538e+03
[30516]	3.137338e+03	1.329039e+03	3.912281e+03	2.668748e+03	4.222548e+03
[30521]	6.025530e+03	1.733551e+03	5.753364e+03	3.700111e+03	4.740300e+03
[30526]	-1.923988e+02	4.245892e+03	1.768823e+03	3.078785e+03	4.550037e+03
[30531]	7.104025e+03	2.553854e+03	3.735198e+03	1.908373e+03	4.104513e+03
[30536]	4.418154e+03	6.782879e+03	4.371895e+03	4.426337e+03	1.056417e+03
[30541]	2.409936e+03	3.690917e+03	2.979420e+03	7.352056e+02	3.564186e+03
[30546]	2.818352e+03	4.541464e+03	1.136133e+03	5.107754e+03	-5.713572e+02
[30551]	4.056604e+03	3.341569e+03	3.660730e+03	3.807466e+03	4.283934e+03
[30556]	3.153180e+03	2.426813e+03	3.873979e+03	5.317216e+03	3.425170e+03
[30561]	1.724304e+03	3.108243e+03	4.052184e+03	1.259199e+03	4.329841e+03
[30566]	1.727651e+03	3.208926e+03	3.607501e+03	4.825620e+03	-1.011870e+03
[30571]	3.605620e+03	4.578086e+03	4.014167e+03	3.697702e+03	5.021692e+03

[30576]	2.495141e+03	4.490462e+03	3.255568e+03	3.403878e+03	1.389359e+03
[30581]	4.193122e+03	2.611526e+03	4.234195e+03	3.099518e+03	3.187512e+03
[30586]	2.354184e+03	1.242979e+03	3.165856e+03	5.893990e+03	1.673704e+03
[30591]	4.226039e+03	5.039850e+03	5.416186e+03	4.876802e+03	4.188891e+03
[30596]	3.428046e+03	2.513189e+03	2.537849e+03	4.259969e+03	1.492854e+03
[30601]	3.854543e+03	1.422581e+03	2.377347e+03	5.014964e+03	1.710264e+03
[30606]	3.026544e+03	1.585606e+03	1.991716e+03	4.670284e+03	1.750909e+03
[30611]	5.381677e+03	4.060739e+03	7.384571e+03	4.640078e+03	2.868411e+03
[30616]	4.216505e+03	4.799559e+03	3.932290e+03	4.642874e+03	3.576727e+03
[30621]	4.118934e+02	1.484904e+03	5.870974e+03	1.813283e+03	2.247192e+03
[30626]	4.289551e+03	3.877435e+03	2.151896e+03	3.460105e+02	2.256683e+03
[30631]	2.563988e+03	5.667758e+03	3.703706e+03	1.606326e+03	4.235224e+03
[30636]	4.231799e+03	5.806512e+03	1.958556e+03	2.646626e+03	5.473189e+03
[30641]	5.345620e+03	3.530152e+03	2.059898e+03	5.909390e+03	2.110895e+03
[30646]	2.019520e+03	2.960851e+03	1.729225e+03	1.225156e+03	5.983003e+03
[30651]	3.402140e+03	9.269027e+02	1.407678e+03	1.837994e+03	5.416663e+02
[30656]	4.690180e+03	3.600988e+03	4.783722e+03	6.017233e+03	3.378735e+03
[30661]	4.562695e+03	4.156124e+03	3.298084e+03	5.230140e+03	4.277197e+03
[30666]	4.999365e+03	4.870020e+03	5.072057e+03	2.703454e+03	5.159551e+03
[30671]	2.170422e+03	3.615445e+03	1.398436e+03	7.100163e+03	5.817249e+03
[30676]	2.218281e+03	4.035459e+03	4.603596e+03	2.962532e+03	5.607387e+03
[30681]	4.701385e+03	1.647603e+03	2.664004e+03	3.340526e+03	1.995900e+03
[30686]	4.192589e+03	4.720130e+03	2.590720e+03	4.581298e+03	3.436678e+03
[30691]	2.692542e+03	4.048620e+03	4.549512e+03	4.581030e+03	2.074564e+03
[30696]	2.708203e+03	4.276610e+03	3.712624e+03	2.864205e+03	3.517899e+03
[30701]	5.967930e+03	6.337453e+03	-3.801825e+01	4.295633e+03	4.451476e+03
[30706]	4.041555e+03	3.331545e+03	5.544318e+02	4.682886e+03	4.187980e+03
[30711]	1.768218e+03	3.488907e+03	-5.497957e+02	1.040030e+03	1.320159e+03
[30716]	1.740790e+03	1.247216e+03	5.871591e+03	4.666170e+03	3.864375e+03
[30721]	4.915691e+03	3.965469e+03	3.097707e+03	2.326911e+03	1.751878e+03
[30726]	1.055114e+03	4.173305e+03	2.435888e+03	3.841626e+03	2.258994e+03
[30731]	1.581683e+03	3.676164e+03	5.538454e+03	4.407514e+03	4.626632e+03
[30736]	1.606092e+03	8.909826e+02	3.086998e+03	3.190757e+03	1.116234e+03
[30741]	4.081615e+03	2.298479e+03	4.778963e+03	2.553400e+03	2.091646e+03
[30746]	4.028586e+03	3.312678e+03	3.206526e+03	8.812165e+02	4.934896e+03
[30751]	1.589114e+03	4.418626e+03	3.453325e+03	1.264053e+03	4.960470e+03
[30756]	3.634305e+03	2.583224e+03	2.316001e+03	3.739845e+03	5.670530e+03
[30761]	1.743762e+03	5.777266e+03	3.159492e+03	5.085318e+03	4.651219e+03
[30766]	2.587636e+03	2.431406e+03	5.917964e+03	5.760964e+03	4.663741e+03
[30771]	3.539999e+03	4.607112e+03	2.378134e+03	7.522608e+03	2.057665e+02
[30776]	2.057318e+03	8.510478e+02	-4.795379e+02	4.553545e+03	2.512529e+03
[30781]	3.598546e+03	-5.995915e+01	1.169986e+03	4.432276e+03	4.111130e+03
[30786]	5.182633e+03	2.521747e+03	3.594191e+03	-1.700431e+01	-4.965121e+01



[30791]	4.347219e+03	4.526704e+03	6.307605e+03	2.575004e+03	3.402799e+03
[30796]	3.583328e+03	4.517889e+03	2.692628e+03	2.502249e+03	4.144963e+03
[30801]	4.728505e+03	1.428678e+02	2.858814e+03	3.489262e+03	2.753753e+03
[30806]	3.922895e+03	4.388466e+03	2.492850e+01	2.540054e+03	-6.884549e+02
[30811]	2.221574e+03	2.048808e+03	3.942379e+03	1.939041e+03	3.265593e+03
[30816]	1.662804e+03	2.305939e+03	3.287193e+03	2.863876e+03	3.551329e+03
[30821]	5.515382e+03	2.611677e+03	2.326693e+03	4.413611e+03	5.784305e+03
[30826]	3.258296e+03	4.099266e+03	3.935516e+03	4.584284e+03	2.493091e+03
[30831]	3.855736e+03	6.710029e+03	5.877133e+03	4.007120e+03	6.235261e+03
[30836]	1.605795e+03	1.696512e+03	4.879094e+03	1.829245e+03	2.811126e+03
[30841]	2.034166e+03	3.157774e+03	2.513767e+03	-2.445706e+02	1.531568e+03
[30846]	5.201125e+03	4.043510e+03	5.239440e+03	1.958238e+03	1.968258e+03
[30851]	1.753797e+03	1.853880e+03	3.239525e+03	4.782210e+03	2.709771e+03
[30856]	2.761497e+03	1.901128e+03	3.933487e+03	6.809458e+03	1.306842e+03
[30861]	1.368117e+03	2.683967e+03	4.849889e+03	-6.698077e+02	3.134709e+03
[30866]	4.057533e+03	2.423610e+03	5.462008e+03	3.429884e+03	1.936167e+03
[30871]	-2.145269e+02	2.804755e+03	5.390484e+03	1.227712e+03	1.799024e+03
[30876]	3.520749e+03	1.464780e+03	1.903455e+03	4.078037e+03	3.431771e+03
[30881]	2.641458e+03	3.874571e+03	2.177530e+03	3.313003e+03	5.861009e+03
[30886]	2.561905e+03	3.046883e+03	1.707593e+03	2.577729e+03	9.705160e+02
[30891]	1.764428e+03	3.528231e+03	9.781790e+02	4.062626e+03	1.898039e+03
[30896]	4.752512e+03	1.638493e+03	-2.733807e+02	2.384353e+03	5.838349e+02
[30901]	4.789850e+03	3.093744e+03	2.395302e+03	2.237404e+03	3.449316e+03
[30906]	3.775877e+03	3.269411e+03	5.864089e+03	8.826064e+02	3.949613e+03
[30911]	8.713521e+03	3.446167e+03	3.567588e+03	-6.268096e+02	2.705405e+03
[30916]	1.729115e+03	4.770088e+03	3.034784e+03	4.956650e+03	3.308936e+03
[30921]	3.311018e+03	6.608711e+03	5.031979e+03	4.267664e+03	2.415859e+03
[30926]	1.517744e+03	4.180114e+03	3.517866e+03	2.269354e+03	2.316267e+03
[30931]	3.499291e+03	4.055053e+03	3.575062e+03	1.555105e+03	4.116471e+03
[30936]	5.782428e+03	3.519715e+03	5.235529e+03	1.267995e+03	3.937476e+03
[30941]	4.042575e+03	4.304376e+03	2.388893e+03	3.607727e+03	4.178061e+03
[30946]	3.315183e+03	4.375585e+03	1.503178e+03	5.202827e+03	2.256904e+03
[30951]	2.678501e+03	2.179008e+03	2.341529e+03	9.471335e+02	2.033611e+03
[30956]	3.017557e+03	2.032901e+03	4.053500e+03	7.152714e+03	3.334924e+03
[30961]	3.261197e+03	4.017412e+03	4.477716e+03	3.240639e+03	4.831567e+03
[30966]	2.894778e+03	2.580992e+03	3.835726e+03	4.431642e+03	2.082331e+03
[30971]	5.472693e+03	2.393193e+03	1.713267e+03	3.472982e+03	4.009297e+03
[30976]	9.415215e+02	1.841234e+03	5.144821e+03	4.120587e+03	2.544127e+03
[30981]	3.325156e+03	4.049674e+03	2.575538e+03	3.036380e+03	4.726558e+03
[30986]	5.080052e+03	3.528779e+03	4.871595e+03	4.813095e+03	2.995888e+03
[30991]	2.090678e+03	2.277346e+03	2.458399e+03	4.725471e+03	5.071201e+03
[30996]	2.580130e+03	1.559040e+03	1.118885e+03	-1.242754e+03	2.255970e+03
[31001]	4.921463e+03	2.757222e+03	2.785916e+03	4.522252e+03	2.414555e+03

[31006]	3.806481e+03	2.787663e+03	1.801353e+03	2.876219e+03	3.508675e+03
[31011]	7.092742e+02	2.528027e+03	1.053684e+03	2.962468e+03	4.916375e+03
[31016]	3.101226e+03	5.532683e+03	3.047587e+03	6.406884e+03	-7.349511e+01
[31021]	1.235860e+03	2.330794e+03	1.019828e+03	9.695111e+02	2.300697e+03
[31026]	3.868148e+02	2.951807e+03	1.499894e+03	3.292279e+03	2.630603e+03
[31031]	1.857218e+03	2.129990e+03	4.911522e+03	3.335153e+03	5.337862e+03
[31036]	3.440002e+03	2.348485e+03	3.711671e+03	4.151296e+03	1.666383e+03
[31041]	4.863060e+03	3.363480e+03	3.819106e+03	2.701183e+03	5.777130e+03
[31046]	1.564923e+03	1.447298e+03	3.016617e+03	3.120321e+03	1.774926e+03
[31051]	2.747983e+03	4.004232e+03	2.777283e+03	2.563321e+03	5.376075e+03
[31056]	3.677360e+03	5.445005e+03	2.900779e+03	2.924533e+03	2.416790e+03
[31061]	2.828219e+03	3.965035e+03	1.862753e+03	5.900999e+03	2.675394e+03
[31066]	3.926590e+03	4.654167e+03	5.905612e+03	2.807982e+03	1.841591e+03
[31071]	5.292158e+03	2.094297e+03	3.840835e+03	3.232054e+03	2.874862e+03
[31076]	6.326297e+02	4.244189e+03	2.821210e+03	1.928339e+03	2.689666e+03
[31081]	2.084671e+03	4.152947e+02	4.977787e+03	3.136570e+02	2.974159e+03
[31086]	6.041691e+03	5.230740e+03	2.752692e+03	1.792881e+03	4.144646e+03
[31091]	1.504200e+03	3.281188e+03	5.154283e+03	4.652749e+03	5.630750e+03
[31096]	5.839472e+03	3.514557e+03	7.405096e+03	2.200158e+03	3.642729e+03
[31101]	1.535435e+03	1.646519e+03	4.264676e+03	3.089912e+03	5.206194e+03
[31106]	1.678647e+03	4.993243e+03	2.344108e+03	6.719556e+03	3.619000e+03
[31111]	2.364109e+03	1.273323e+03	5.154426e+03	2.867920e+03	6.301766e+03
[31116]	3.004284e+03	4.124649e+03	1.634016e+03	3.787553e+03	3.240351e+03
[31121]	1.792384e+03	5.900063e+02	2.427495e+03	4.312486e+03	1.880207e+03
[31126]	3.200030e+03	3.566451e+03	4.754497e+03	2.265777e+03	2.637175e+03
[31131]	4.182802e+03	2.971263e+03	5.433457e+03	2.163511e+03	5.670210e+03
[31136]	3.563302e+03	2.804029e+03	4.643070e+03	3.816870e+03	2.010738e+03
[31141]	4.881155e+03	3.856901e+03	6.814897e+03	5.764309e+03	4.220827e+03
[31146]	2.928174e+03	2.048294e+03	4.581202e+03	2.189227e+03	4.367139e+03
[31151]	3.895235e+03	3.311079e+03	3.659210e+03	3.595144e+03	6.378718e+03
[31156]	3.208858e+03	1.887485e+03	5.349429e+03	4.732324e+03	4.128865e+03
[31161]	5.290990e+03	1.631630e+03	2.674518e+02	2.468266e+03	4.696981e+03
[31166]	4.602647e+03	3.752556e+03	3.277313e+03	4.322452e+03	3.339510e+03
[31171]	1.427395e+03	3.093132e+03	1.325079e+03	1.309007e+03	4.481829e+03
[31176]	6.355057e+03	4.841047e+03	4.451030e+03	4.606000e+03	8.469268e+02
[31181]	5.346411e+03	4.100418e+03	4.996458e+03	4.481334e+03	7.756819e+02
[31186]	1.546718e+03	3.755223e+03	3.451374e+03	2.346177e+03	3.328045e+03
[31191]	1.715442e+03	8.252135e+02	3.149198e+03	2.262586e+03	4.042557e+03
[31196]	3.478253e+03	2.846069e+03	4.528060e+03	2.503965e+03	3.025419e+03
[31201]	7.598928e+02	1.613618e+03	2.364743e+03	2.587515e+03	1.485760e+03
[31206]	3.507490e+03	5.301798e+03	3.788078e+03	3.002899e+03	2.298397e+03
[31211]	3.488589e+03	1.254204e+03	2.203796e+03	5.265499e+03	3.422170e+03
[31216]	3.765179e+03	5.208855e+03	2.308469e+03	2.964512e+03	2.218960e+03

[31221]	1.341329e+03	1.711516e+03	1.702217e+03	3.102180e+03	2.808925e+02
[31226]	2.875203e+03	2.273997e+03	5.612080e+02	2.681137e+03	3.253947e+03
[31231]	2.053715e+03	5.581190e+03	2.695970e+03	2.658711e+03	6.506562e+02
[31236]	3.773783e+03	4.380005e+03	2.549427e+03	1.588313e+03	3.864184e+03
[31241]	1.704689e+03	4.712068e+03	3.962313e+03	8.926912e+02	3.002738e+03
[31246]	4.330746e+03	4.136795e+03	1.850339e+03	2.696462e+03	4.585230e+03
[31251]	5.684776e+03	4.792273e+03	1.161662e+03	2.378585e+03	4.447425e+03
[31256]	2.090511e+03	3.034241e+03	3.313051e+03	3.481064e+03	2.462254e+03
[31261]	3.902748e+03	1.170375e+03	2.863071e+03	2.329262e+03	4.964658e+03
[31266]	4.333951e+03	4.788365e+03	4.982981e+03	5.012831e+03	2.887052e+03
[31271]	4.257154e+03	6.285323e+03	3.934581e+03	1.916432e+03	1.830727e+03
[31276]	2.376316e+03	9.778831e+02	4.611688e+03	3.150760e+03	1.942367e+03
[31281]	2.377491e+03	2.167616e+03	5.429030e+03	8.716034e+02	2.033487e+03
[31286]	3.012952e+03	5.675439e+03	4.532387e+03	4.868025e+03	2.448880e+03
[31291]	4.850260e+02	3.092840e+03	2.996313e+03	3.714917e+03	4.669270e+03
[31296]	3.561768e+03	2.600538e+03	2.641403e+03	3.046951e+03	5.333681e+03
[31301]	3.692819e+03	2.891703e+03	1.194420e+03	2.579157e+03	4.252618e+03
[31306]	2.692982e+03	7.808172e+02	4.686321e+03	4.096659e+03	3.691558e+03
[31311]	2.956100e+03	4.027842e+03	4.025783e+03	-1.331191e+03	5.447605e+03
[31316]	3.205516e+03	4.564400e+03	4.734947e+03	2.583260e+03	2.976347e+03
[31321]	1.541842e+03	3.516067e+03	1.613237e+03	5.334278e+03	1.677701e+03
[31326]	3.122907e+02	3.481126e+03	2.505939e+03	5.022975e+02	2.039910e+02
[31331]	2.433456e+03	2.067119e+03	3.808844e+03	3.241246e+03	2.906619e+03
[31336]	2.926728e+03	1.896856e+03	1.487610e+03	1.833791e+03	1.305152e+03
[31341]	2.172999e+03	6.497260e+03	3.314681e+03	4.230781e+03	2.401795e+03
[31346]	2.310835e+03	2.079659e+03	5.388550e+03	5.296835e+03	3.082894e+03
[31351]	4.649031e+03	3.238175e+03	-2.611099e+01	3.386270e+03	5.975606e+03
[31356]	4.723553e+03	2.583522e+03	2.791499e+03	3.547868e+03	4.885118e+03
[31361]	5.341702e+03	3.402594e+03	2.228153e+03	1.009540e+03	5.569491e+03
[31366]	3.051222e+03	1.089720e+03	3.770156e+03	2.928306e+03	9.982009e+02
[31371]	2.947285e+03	2.740847e+03	3.802874e+03	1.976979e+03	5.784180e+03
[31376]	4.351566e+03	5.705457e+03	3.831073e+03	3.073319e+03	2.425833e+03
[31381]	3.647396e+03	2.003493e+03	2.594955e+03	-5.795803e+02	3.336671e+03
[31386]	4.634938e+03	3.385948e+03	3.554828e+02	5.158393e+03	3.642908e+03
[31391]	2.306794e+03	4.068270e+03	3.790085e+03	3.378442e+03	1.907264e+03
[31396]	3.401187e+03	4.359020e+03	6.707550e+03	1.104637e+03	4.283335e+03
[31401]	6.239585e+03	2.160812e+03	2.077557e+03	2.477190e+03	1.755957e+03
[31406]	3.626907e+03	3.303760e+03	1.903887e+03	2.696588e+03	4.982747e+03
[31411]	4.812930e+03	2.477684e+03	4.829368e+03	1.159672e+03	4.584281e+02
[31416]	5.033724e+03	5.785393e+02	2.929515e+03	7.258820e+03	2.891566e+03
[31421]	2.542672e+03	1.105116e+01	2.796989e+03	2.389149e+03	4.681220e+03
[31426]	4.609287e+03	3.838155e+03	3.801072e+03	1.880843e+03	1.972997e+03
[31431]	2.075653e+03	2.981114e+03	3.833979e+03	1.860464e+03	3.095120e+03

[31436]	4.099618e+03	1.764222e+03	6.796677e+03	2.747712e+03	1.768656e+03
[31441]	7.103170e+02	4.446960e+03	5.086372e+03	2.740249e+03	2.035000e+03
[31446]	2.928012e+03	-3.225339e+02	3.046099e+03	5.468856e+03	2.839720e+03
[31451]	2.541863e+03	5.166741e+03	6.123253e+03	5.012966e+03	5.190973e+03
[31456]	2.333717e+03	3.403044e+03	2.761647e+03	3.270054e+03	1.109475e+03
[31461]	4.699344e+03	4.320818e+03	1.544412e+03	3.452335e+03	2.859899e+03
[31466]	3.015700e+03	1.530702e+03	5.056289e+03	4.422570e+03	2.072634e+03
[31471]	8.655458e+02	3.390786e+03	7.183918e+02	4.410393e+03	1.425471e+03
[31476]	2.540293e+03	1.460294e+03	6.202343e+03	2.175338e+03	1.666247e+03
[31481]	2.582923e+03	3.029067e+03	1.581626e+03	5.248784e+03	3.724426e+03
[31486]	2.639785e+03	2.601814e+03	3.759075e+03	3.417874e+03	1.096693e+03
[31491]	2.279860e+03	9.891436e+02	2.399642e+03	3.154714e+03	4.978570e+03
[31496]	3.812950e+03	2.398620e+03	6.710392e+03	2.139179e+03	3.546957e+03
[31501]	4.132804e+03	3.216286e+03	4.215187e+03	2.322762e+03	3.941777e+03
[31506]	5.782593e+03	3.160502e+03	4.159840e+03	4.818843e+03	2.361928e+03
[31511]	4.938242e+03	9.093548e+03	4.781268e+03	3.268645e+03	4.803440e+03
[31516]	6.303696e+03	3.844905e+03	3.388939e+03	3.897411e+03	1.674193e+03
[31521]	4.650416e+03	4.575703e+03	2.910940e+03	2.428197e+03	1.102147e+03
[31526]	9.732111e+02	1.601172e+03	2.755573e+03	4.447885e+03	4.058590e+03
[31531]	4.519148e+03	6.307994e+03	3.791492e+03	6.140618e+03	6.580453e+03
[31536]	4.031418e+03	2.934235e+03	1.343553e+03	5.272067e+03	4.600448e+03
[31541]	4.822695e+02	4.785746e+03	3.067349e+03	2.446432e+03	3.436468e+03
[31546]	5.435429e+03	2.200121e+03	3.916045e+03	-5.718055e+01	3.433583e+03
[31551]	6.601263e+03	4.198902e+03	-1.638145e+03	8.990898e+02	6.218078e+03
[31556]	4.563245e+03	2.784983e+02	2.363117e+03	3.936729e+03	1.662915e+03
[31561]	1.962740e+03	2.616080e+03	3.381663e+03	3.053212e+03	3.989880e+03
[31566]	3.212552e+03	2.930811e+03	5.254708e+03	3.608673e+03	1.233253e+03
[31571]	1.519926e+03	2.718730e+03	3.577884e+03	3.454053e+03	2.523888e+03
[31576]	6.996025e+03	2.285405e+03	1.525853e+03	3.798730e+03	6.041756e+03
[31581]	3.729391e+03	1.290978e+03	2.611147e+03	3.804630e+03	9.312331e+02
[31586]	3.365460e+03	1.663219e+03	2.859028e+03	-9.350198e+02	3.429685e+03
[31591]	4.451247e+03	3.594486e+03	1.710887e+02	5.449200e+03	2.208886e+03
[31596]	1.891506e+03	1.716876e+03	1.582435e+03	3.719176e+03	2.540262e+03
[31601]	2.559148e+03	2.630858e+03	2.252286e+03	3.190904e+03	1.033033e+03
[31606]	4.220536e+03	4.204971e+03	3.284911e+03	3.762142e+02	3.590540e+03
[31611]	4.749334e+03	1.519580e+03	5.253356e+03	2.293847e+03	2.249201e+03
[31616]	4.379450e+03	1.919264e+03	2.801252e+02	2.593527e+03	1.491603e+03
[31621]	3.469345e+03	2.700084e+03	3.939523e+03	2.446517e+03	4.015897e+03
[31626]	3.766639e+03	3.063895e+03	3.421285e+03	3.045931e+03	2.949645e+03
[31631]	3.328001e+03	4.313563e+03	4.403862e+03	-5.524273e+01	3.908835e+03
[31636]	1.111902e+03	5.647699e+03	4.382438e+03	5.187162e+03	7.240505e+03
[31641]	5.352920e+03	2.106885e+03	4.970653e+03	2.160283e+03	3.653603e+03
[31646]	4.487148e+03	4.082228e+03	3.635313e+03	1.817727e+03	3.103712e+03

[31651]	3.364239e+03	3.651864e+03	2.332206e+03	2.327621e+03	2.415615e+03
[31656]	6.782932e+03	5.112298e+03	4.651776e+03	4.353691e+03	1.156219e+03
[31661]	1.413309e+03	1.942501e+03	5.470485e+03	3.574276e+03	4.884337e+03
[31666]	2.103367e+03	1.442925e+03	3.384379e+03	2.697981e+03	1.792837e+03
[31671]	1.991831e+03	2.460631e+03	4.738994e+03	3.871394e+03	5.300879e+03
[31676]	5.399705e+03	1.957110e+03	3.543246e+03	4.323164e+03	3.576883e+03
[31681]	4.350435e+02	2.179974e+02	3.907988e+03	3.187557e+03	4.620394e+03
[31686]	5.696769e+03	1.729218e+03	6.191088e+03	2.711134e+03	4.524192e+03
[31691]	1.754426e+03	1.734770e+03	8.239204e+03	8.842207e+02	2.437421e+03
[31696]	2.980960e+03	2.956113e+03	5.191147e+03	5.336423e+03	2.543539e+03
[31701]	2.297630e+03	2.234485e+03	2.151775e+03	6.935545e+03	3.033813e+03
[31706]	1.804967e+03	1.232612e+03	4.264201e+03	1.158262e+03	2.182306e+03
[31711]	2.050817e+03	2.031172e+03	6.518745e+03	2.401271e+03	2.561143e+03
[31716]	2.667747e+02	2.976862e+03	2.997551e+03	3.931057e+03	4.898642e+03
[31721]	2.820489e+03	3.365190e+03	1.877911e+03	5.644980e+03	1.411594e+03
[31726]	1.171414e+03	2.950768e+03	1.466492e+03	4.608518e+03	1.557669e+03
[31731]	1.134327e+03	1.132443e+03	3.140824e+03	3.377328e+03	2.957041e+03
[31736]	2.988107e+03	2.504822e+03	4.292334e+03	4.136802e+03	-1.673219e+03
[31741]	3.217035e+03	2.401082e+03	3.345917e+03	1.952422e+03	2.864163e+03
[31746]	5.319701e+03	2.492595e+03	3.607398e+03	2.997804e+03	3.794820e+03
[31751]	1.755597e+03	5.095483e+03	1.426390e+03	2.087638e+03	4.864941e+03
[31756]	3.943976e+03	3.410228e+03	5.677423e+03	3.256469e+03	-1.982415e+03
[31761]	3.844529e+03	5.933186e+03	5.388552e+03	3.515273e+03	2.495058e+03
[31766]	2.533542e+03	3.146145e+03	1.974188e+03	2.483545e+03	2.113144e+03
[31771]	2.233825e+03	2.628209e+03	2.445645e+03	2.115826e+03	3.323685e+03
[31776]	1.582213e+03	2.859644e+03	4.442117e+03	6.273591e+03	4.565690e+03
[31781]	2.848925e+03	-1.168255e+02	4.485776e+03	4.821117e+03	3.549405e+03
[31786]	3.966076e+03	2.033485e+03	2.821130e+03	5.833387e+03	3.740293e+03
[31791]	-1.152217e+03	6.176120e+03	2.238605e+03	3.427868e+02	4.197218e+03
[31796]	3.451176e+03	2.470738e+03	5.060153e+03	3.108221e+03	1.891616e+03
[31801]	2.357180e+03	2.041497e+03	5.375680e+03	2.889643e+03	2.011284e+03
[31806]	1.861315e+03	1.626343e+03	3.532715e+03	3.569308e+03	2.513014e+03
[31811]	2.890380e+03	1.611390e+02	4.191206e+03	2.424715e+03	4.092961e+03
[31816]	3.135578e+03	1.572575e+02	3.354761e+03	1.791147e+03	5.625120e+03
[31821]	7.078846e+02	1.986691e+03	3.920682e+03	1.325798e+03	3.757356e+03
[31826]	4.810943e+03	4.120068e+03	1.249625e+03	1.893298e+03	2.210909e+03
[31831]	2.064988e+03	3.387982e+03	5.204571e+03	1.579674e+03	7.700832e+02
[31836]	5.013933e+03	3.043097e+03	3.421370e+03	3.822857e+03	1.755281e+03
[31841]	6.920525e+03	4.140960e+03	5.357663e+03	3.644317e+03	2.819764e+03
[31846]	1.833064e+03	5.145053e+03	5.843892e+03	5.105178e+03	4.606510e+03
[31851]	2.312241e+03	3.709088e+03	3.101875e+03	2.935242e+03	5.008136e+03
[31856]	2.248429e+03	4.222145e+03	3.781040e+03	3.212312e+03	2.707333e+03
[31861]	1.817566e+03	4.431941e+03	3.103642e+03	4.037597e+03	1.813628e+03

[31866]	4.377389e+03	2.891589e+03	3.042404e+03	2.377983e+03	8.548613e+02
[31871]	2.188160e+03	-2.731083e+02	1.282930e+03	3.143433e+03	5.747577e+03
[31876]	3.430217e+03	3.593166e+03	3.739471e+03	3.790817e+03	4.378215e+03
[31881]	6.157234e+03	1.568026e+03	2.061634e+03	1.037280e+03	7.182384e+02
[31886]	3.736112e+03	8.819579e+02	2.789579e+03	1.065808e+03	1.260928e+03
[31891]	2.938710e+03	7.908075e+02	6.555773e+03	2.817841e+03	4.180074e+03
[31896]	3.490286e+03	2.460024e+03	2.978052e+03	4.791960e+03	1.190043e+03
[31901]	2.986029e+03	3.786388e+03	1.107678e+03	6.467785e+03	4.040972e+03
[31906]	1.784668e+03	7.921452e+02	5.617356e+03	3.491017e+03	4.381170e+03
[31911]	4.538072e+03	1.748189e+03	2.857104e+03	3.866774e+03	3.606461e+03
[31916]	6.118204e+03	4.031676e+03	4.750003e+03	1.222756e+03	2.776476e+03
[31921]	5.759773e+03	4.906687e+03	2.549333e+03	2.611031e+03	6.725166e+03
[31926]	1.098651e+03	2.717435e+03	2.416876e+03	2.925894e+03	1.018509e+03
[31931]	4.653354e+03	4.145589e+03	3.854514e+03	4.933251e+03	6.197929e+03
[31936]	9.019256e+02	3.272586e+03	5.413727e+03	3.794257e+03	2.017671e+03
[31941]	1.679442e+03	3.860743e+03	2.388830e+03	1.269232e+03	1.779741e+03
[31946]	9.594489e+02	2.134612e+03	2.015612e+03	2.595547e+03	5.380904e+03
[31951]	6.176160e+03	2.817247e+03	4.439869e+03	6.820453e+03	2.579188e+03
[31956]	4.110418e+03	5.191851e+03	4.092503e+03	-7.509544e+02	3.340645e+03
[31961]	4.380406e+03	3.789336e+03	2.672244e+03	3.266706e+03	3.523499e+03
[31966]	2.691551e+03	5.964443e+03	1.483920e+03	4.116816e+03	1.749146e+03
[31971]	5.536135e+03	3.088209e+03	1.041447e+03	2.862206e+03	3.724396e+03
[31976]	3.556108e+03	5.518219e+03	4.006075e+03	6.048968e+03	2.167475e+03
[31981]	3.516889e+03	2.839722e+03	2.754118e+03	1.646386e+03	3.775251e+03
[31986]	5.745836e+03	4.359185e+03	1.788587e+03	2.549399e+03	2.068733e+03
[31991]	3.165554e+03	2.372137e+03	1.237704e+03	1.606705e+03	5.680654e+02
[31996]	2.753542e+03	5.458835e+03	2.515622e+03	3.823830e+03	7.071195e+02
[32001]	5.335498e+03	2.500743e+02	5.620099e+03	6.525177e+03	4.323533e+03
[32006]	3.015525e+03	3.991675e+03	2.703239e+03	2.101843e+03	2.696805e+03
[32011]	4.319721e+03	2.200523e+03	1.840706e+03	3.806983e+03	3.041773e+03
[32016]	4.286411e+03	2.844375e+03	1.995050e+03	5.874767e+03	1.954398e+03
[32021]	1.559752e+03	4.060262e+03	3.849076e+03	9.819626e+02	3.444086e+03
[32026]	4.195961e+03	3.638217e+03	2.201179e+03	2.892378e+03	3.158129e+03
[32031]	2.176791e+03	5.533099e+02	1.945606e+03	9.616743e+02	2.419873e+03
[32036]	4.457363e+03	4.433317e+03	3.713787e+03	8.486220e+02	2.311399e+03
[32041]	2.136937e+03	5.270799e+02	3.850656e+03	3.296296e+03	2.258635e+03
[32046]	1.759519e+03	1.529660e+03	4.183888e+03	1.744596e+03	2.611372e+03
[32051]	3.328137e+03	3.040955e+03	6.185093e+03	4.739837e+03	5.167990e+03
[32056]	1.690769e+03	3.675016e+03	1.810365e+02	2.772293e+03	4.463175e+03
[32061]	4.538678e+03	4.431964e+03	2.348119e+03	5.592212e+03	1.250336e+03
[32066]	2.590242e+03	4.863063e+03	3.513325e+03	3.644844e+03	3.029178e+03
[32071]	6.110040e+03	3.841911e+03	2.378440e+03	-2.044798e+02	3.550563e+03
[32076]	2.154529e+03	1.771224e+03	1.726144e+03	3.785894e+03	3.544815e+03

[32081]	2.312885e+03	1.678221e+03	3.789752e+03	4.874711e+02	3.325569e+03
[32086]	1.855428e+03	3.008633e+03	3.872212e+03	6.681132e+03	4.583737e+03
[32091]	1.055986e+02	4.233387e+03	4.012899e+03	2.106403e+03	2.783359e+03
[32096]	3.153015e+03	1.525097e+03	1.226933e+03	4.597443e+03	6.984180e+03
[32101]	4.281442e+03	2.530917e+03	2.565492e+03	3.166342e+03	3.390969e+03
[32106]	3.217809e+03	4.009869e+03	2.527226e+03	2.771628e+03	9.626467e+02
[32111]	3.944114e+03	6.417525e+03	4.256319e+03	2.013187e+03	4.738453e+03
[32116]	1.138873e+03	4.269425e+03	8.494697e+02	1.344437e+03	4.126720e+03
[32121]	3.727784e+03	5.882683e+03	1.574361e+03	3.921149e+03	3.383354e+03
[32126]	6.360767e+03	3.646722e+03	3.584113e+03	3.127214e+03	3.980576e+03
[32131]	2.632378e+03	4.237153e+03	2.037683e+03	3.539702e+03	4.527885e+03
[32136]	1.277547e+03	-4.545682e+02	2.764883e+03	-9.801116e+01	1.744208e+02
[32141]	2.646446e+03	3.414293e+03	3.555026e+03	3.408794e+01	2.814738e+03
[32146]	5.083012e+02	4.452259e+03	3.480709e+03	2.622137e+03	1.798216e+03
[32151]	5.182568e+03	3.084752e+03	4.768513e+03	9.084796e+02	4.043591e+03
[32156]	5.840571e+02	3.392862e+03	3.153104e+03	2.166241e+02	3.064335e+03
[32161]	1.616567e+03	3.551525e+03	4.563380e+03	5.385744e+03	3.853440e+03
[32166]	1.846330e+03	6.538103e+03	3.576092e+03	3.109441e+03	4.477983e+03
[32171]	5.453974e+03	3.884475e+03	2.729081e+03	1.701203e+03	2.236918e+03
[32176]	2.734543e+03	2.096966e+03	2.551290e+03	2.319383e+03	2.505929e+03
[32181]	4.358988e+03	5.053907e+03	6.225767e+03	5.165052e+03	4.461212e+03
[32186]	1.538500e+03	1.024242e+03	5.285026e+03	1.789242e+03	1.865735e+03
[32191]	1.770231e+03	2.761601e+03	5.451160e+03	4.485094e+03	2.648943e+03
[32196]	4.503583e+03	3.488318e+03	5.121473e+03	3.058213e+03	5.147517e+03
[32201]	3.871538e+02	4.815546e+03	1.616131e+03	7.559501e+02	3.573142e+03
[32206]	3.574276e+03	1.777278e+03	2.079273e+03	5.077167e+03	3.834249e+03
[32211]	3.853484e+03	7.153640e+03	3.599896e+03	4.274223e+03	3.311877e+03
[32216]	6.074447e+03	8.710348e+02	3.570915e+03	2.988310e+03	2.383206e+03
[32221]	1.077954e+03	2.326709e+03	3.002435e+03	3.133252e+03	-9.389359e+02
[32226]	3.999160e+03	3.705995e+03	2.770061e+03	5.373652e+03	3.530246e+03
[32231]	7.569188e+02	4.418851e+03	4.812561e+03	3.951802e+03	3.080324e+03
[32236]	3.911985e+03	1.527509e+03	1.607564e+03	2.354642e+03	6.476801e+02
[32241]	2.653763e+03	-1.088123e+03	3.341236e+03	3.498749e+03	1.778896e+03
[32246]	1.480840e+03	5.524023e+03	1.207056e+03	1.951191e+03	1.801751e+03
[32251]	4.758340e+03	3.907609e+03	2.132209e+03	3.276395e+03	3.444880e+03
[32256]	3.507176e+03	2.375098e+03	3.176508e+03	3.053383e+03	4.195370e+03
[32261]	1.858064e+03	4.180048e+03	5.091071e+03	4.926923e+03	3.600884e+03
[32266]	3.086839e+03	3.606705e+03	1.723585e+03	2.958499e+03	3.543482e+03
[32271]	1.349463e+03	6.982842e+02	1.754026e+03	2.982377e+03	4.144873e+03
[32276]	7.084943e+02	2.944105e+03	4.113229e+03	9.186805e+02	4.364559e+03
[32281]	2.866427e+03	4.019680e+03	6.369239e+03	2.130439e+03	3.156721e+03
[32286]	1.328958e+03	2.813958e+03	5.187247e+03	2.639271e+03	2.303671e+03
[32291]	2.774547e+03	4.796784e+03	3.999779e+02	-6.012754e+02	2.604600e+03

[32296]	3.004457e+03	1.225061e+03	2.076409e+03	3.647051e+03	1.720787e+03
[32301]	5.923467e+03	2.828704e+03	2.279395e+03	4.178688e+03	4.597063e+03
[32306]	4.937796e+03	4.735024e+03	3.956658e+03	4.399478e+03	3.521665e+03
[32311]	2.797477e+03	3.062874e+03	2.120371e+02	3.530957e+03	2.671254e+03
[32316]	5.207558e+03	1.980266e+03	2.483137e+03	2.981408e+03	2.666493e+03
[32321]	2.413669e+03	4.597124e+03	3.846521e+03	7.193796e+03	6.065099e+03
[32326]	4.863699e+03	4.434681e+03	3.664628e+03	2.483072e+03	1.763277e+03
[32331]	3.950471e+03	2.053199e+03	1.450013e+03	4.886274e+03	4.850419e+03
[32336]	2.100658e+03	3.622377e+03	-3.574196e+02	4.142045e+03	3.098432e+03
[32341]	2.935425e+03	3.452113e+03	2.201842e+03	5.329890e+03	3.557671e+03
[32346]	4.117675e+03	1.410659e+03	4.895673e+03	4.627670e+03	4.944170e+03
[32351]	1.201565e+03	1.034931e+02	4.901097e+03	6.038689e+03	5.459239e+03
[32356]	4.889235e+03	3.793792e+03	5.296081e+03	4.362121e+03	3.840071e+02
[32361]	5.292102e+03	6.312626e+03	1.611558e+03	3.686313e+03	2.888073e+03
[32366]	5.063453e+03	3.870500e+03	2.413825e+03	3.240128e+03	1.909560e+03
[32371]	4.005264e+03	4.775906e+03	1.901962e+03	2.020156e+03	5.134684e+03
[32376]	6.856674e+03	5.551246e+03	5.206280e+03	3.855904e+03	3.470001e+03
[32381]	4.972706e+03	2.547094e+03	-1.344623e+02	2.704654e+03	3.312719e+03
[32386]	3.859705e+03	3.411154e+03	3.225101e+03	5.813487e+03	2.764427e+03
[32391]	3.003564e+03	4.282441e+03	2.559420e+03	2.182915e+03	6.108496e+03
[32396]	3.676199e+02	1.387216e+03	5.492596e+03	3.197147e+03	3.860070e+03
[32401]	2.479357e+03	3.016688e+03	-4.606516e+02	6.619141e+03	3.818718e+02
[32406]	2.565559e+03	4.242397e+03	2.923429e+03	1.230212e+03	3.505751e+03
[32411]	4.371509e+03	4.790540e+03	2.067951e+03	1.515880e+03	1.871154e+03
[32416]	5.003196e+03	4.560091e+03	1.690203e+03	1.753223e+03	3.160265e+03
[32421]	1.557630e+03	4.522650e+03	4.341217e+03	4.946879e+03	2.409643e+03
[32426]	3.752805e+03	4.632431e+03	4.682988e+03	4.129879e+03	5.092990e+03
[32431]	2.833696e+03	4.424909e+03	5.135208e+03	3.229483e+03	4.472493e+03
[32436]	2.136151e+03	1.925676e+03	6.247149e+03	2.347989e+03	1.268934e+03
[32441]	9.420034e+02	3.486819e+03	3.312907e+03	2.734819e+03	2.445406e+03
[32446]	9.034949e+02	3.378952e+03	5.673174e+03	1.554535e+03	2.384536e+03
[32451]	4.021673e+03	1.608398e+03	4.213186e+03	1.853637e+03	4.422736e+03
[32456]	3.799880e+03	3.245708e+03	3.556681e+03	5.484043e+03	2.378030e+03
[32461]	3.519912e+03	3.004959e+03	4.692383e+03	4.087153e+03	2.870463e+02
[32466]	3.984682e+03	3.785614e+03	4.589526e+03	4.403915e+03	2.994162e+03
[32471]	1.659831e+03	2.012779e+03	4.634894e+03	4.411229e+03	1.703202e+03
[32476]	1.316334e+03	2.353536e+03	2.631540e+03	4.558899e+03	5.048239e+03
[32481]	4.160102e+03	3.099728e+03	3.339304e+03	2.815472e+03	3.545778e+03
[32486]	3.655546e+03	3.108358e+03	3.227430e+03	6.503232e+03	2.434683e+03
[32491]	1.306313e+03	4.820693e+03	5.024926e+03	4.422343e+03	7.702765e+02
[32496]	3.431258e+03	3.966501e+03	2.037202e+03	6.093015e+03	4.324281e+03
[32501]	3.938304e+03	5.188700e+03	7.755234e+03	3.922895e+03	3.717828e+03
[32506]	2.246678e+03	3.123449e+03	2.833580e+03	4.707946e+02	3.215013e+03



[32511]	2.876524e+03	3.244759e+03	4.927872e+03	2.421318e+03	6.202865e+03
[32516]	4.666037e+03	2.440827e+03	3.971587e+03	2.290853e+03	2.988335e+03
[32521]	3.744011e+03	8.209309e+02	3.011984e+03	2.806115e+03	5.123198e+03
[32526]	5.177600e+03	4.536057e+03	1.844010e+03	4.536163e+03	2.290846e+03
[32531]	2.204598e+03	2.904528e+03	4.818254e+03	2.252409e+03	3.491131e+03
[32536]	2.508170e+03	-2.200974e+02	6.237146e+02	3.074528e+03	1.654087e+03
[32541]	4.725300e+03	5.176761e+03	6.521232e+03	4.259749e+03	1.790465e+03
[32546]	3.584230e+03	4.747168e+03	3.500136e+03	2.143653e+03	2.913307e+03
[32551]	2.768959e+03	2.375164e+03	2.415710e+03	-1.538787e+02	3.984693e+03
[32556]	3.149212e+03	-5.295357e+02	6.183566e+03	1.899618e+03	6.399568e+03
[32561]	4.000766e+03	3.914922e+03	3.238487e+03	4.196098e+03	5.096465e+03
[32566]	2.174133e+03	3.530029e+03	9.817441e+02	5.162179e+03	4.266711e+03
[32571]	2.131677e+03	1.591952e+03	6.805348e+02	5.692635e+03	1.367190e+03
[32576]	3.528887e+03	2.880293e+02	2.227281e+03	4.385986e+03	1.966345e+03
[32581]	1.961697e+03	5.591548e+03	5.282856e+03	2.799924e+03	4.366836e+03
[32586]	2.251085e+03	3.655837e+03	3.995711e+03	3.421565e+03	3.908937e+03
[32591]	3.707362e+03	1.192643e+03	2.600181e+03	5.218993e+03	4.017426e+03
[32596]	4.839364e+03	2.425858e+03	3.634494e+03	3.924594e+02	3.194178e+03
[32601]	3.469103e+03	5.262184e+02	4.729572e+03	2.142024e+03	2.690165e+03
[32606]	1.780156e+03	3.610355e+03	3.066568e+03	3.154283e+03	3.396571e+03
[32611]	2.457753e+03	4.299853e+03	6.649346e+03	2.842116e+03	5.911985e+03
[32616]	6.086019e+03	4.501719e+03	5.194008e+03	1.121877e+03	3.203590e+03
[32621]	1.569760e+03	6.931149e+02	2.422307e+03	-3.915418e+02	1.625067e+03
[32626]	1.672868e+03	5.243420e+03	1.915467e+03	4.567293e+03	1.871494e+03
[32631]	4.699826e+03	2.985927e+03	1.782667e+03	2.858953e+03	2.348414e+03
[32636]	4.441578e+03	4.815647e+03	4.180877e+03	3.846301e+03	2.961076e+03
[32641]	2.100401e+03	6.064549e+03	7.115133e+03	9.261372e+02	3.722942e+03
[32646]	3.982627e+03	3.162634e+03	3.192781e+03	2.970731e+03	2.196483e+03
[32651]	4.712102e+03	5.708598e+03	5.571796e+03	2.865522e+03	2.093938e+03
[32656]	4.544935e+03	3.247598e+03	2.746846e+03	1.795328e+03	8.983189e+02
[32661]	6.412533e+03	2.274119e+03	5.307819e+03	2.475909e+03	3.847204e+03
[32666]	3.119135e+03	2.725798e+03	3.739050e+03	3.090697e+03	2.079752e+03
[32671]	3.175402e+03	1.888895e+03	5.664976e+03	3.521184e+03	4.252909e+03
[32676]	2.454174e+03	2.646456e+03	5.040266e+03	5.902612e+03	3.817474e+03
[32681]	3.888689e+03	4.398154e+03	4.002192e+03	4.103639e+03	4.769162e+03
[32686]	4.886192e+03	8.889415e+02	4.761049e+03	4.779532e+03	3.826121e+03
[32691]	2.487796e+03	6.795646e+03	4.679974e+03	3.295271e+03	2.408022e+03
[32696]	1.131962e+03	2.352282e+03	2.042615e+03	2.777600e+03	4.418036e+03
[32701]	2.912222e+03	1.616359e+03	1.797190e+03	4.538833e+03	3.564913e+03
[32706]	6.642310e+03	4.585408e+03	2.831354e+03	1.864020e+03	3.316901e+03
[32711]	3.605661e+03	3.407412e+03	1.731188e+03	4.378677e+03	1.400675e+03
[32716]	4.519186e+03	3.104593e+03	3.432294e+03	2.235852e+03	6.615992e+03
[32721]	1.583139e+03	2.971339e+03	3.541273e+03	1.098919e+03	5.103730e+03

[32726]	3.546451e+03	1.022522e+03	2.775193e+03	6.345216e+03	2.517757e+03
[32731]	2.539955e+03	5.147442e+03	3.526856e+03	1.657047e+03	5.256654e+03
[32736]	3.970270e+03	4.247566e+03	2.537766e+03	1.521350e+03	3.208744e+03
[32741]	2.454637e+03	2.189074e+03	4.023674e+03	1.324779e+03	2.796038e+03
[32746]	3.942208e+03	3.245463e+03	4.726995e+03	2.785976e+03	2.168342e+03
[32751]	3.684261e+03	4.920609e+03	4.061328e+02	3.897722e+03	3.504999e+01
[32756]	-2.546249e+02	1.855430e+03	1.208300e+03	5.150913e+03	4.560421e+03
[32761]	2.147467e+03	4.590631e+03	3.808082e+03	5.035685e+03	3.300835e+03
[32766]	2.450497e+03	5.296591e+03	5.431820e+02	2.202816e+03	1.656368e+03
[32771]	3.501723e+03	3.774765e+03	6.996707e+02	2.024955e+03	6.418563e+03
[32776]	6.615742e+03	4.456809e+03	4.341807e+03	2.563386e+03	2.356102e+03
[32781]	3.141130e+03	2.753214e+03	2.912324e+03	5.049424e+03	3.071015e+02
[32786]	2.556597e+03	1.428329e+03	3.857262e+03	4.443541e+02	4.019909e+03
[32791]	3.278480e+03	1.501378e+03	5.362069e+03	2.380303e+03	4.827269e+03
[32796]	2.014280e+03	4.795950e+03	2.963842e+03	2.711894e+03	2.219645e+03
[32801]	4.929478e+03	3.181813e+03	4.805029e+03	3.338863e+03	4.776382e+03
[32806]	9.207382e+02	2.016485e+03	5.541072e+03	5.192371e+03	5.349500e+02
[32811]	5.075677e+03	1.449158e+03	2.641536e+03	2.258086e+03	3.672212e+03
[32816]	7.479021e+02	2.601889e+03	3.432819e+03	2.208820e+03	4.586961e+03
[32821]	2.352728e+03	3.891537e+03	2.841251e+03	3.935011e+03	3.601635e+03
[32826]	2.634079e+03	6.060328e+03	4.101818e+03	2.684019e+03	5.907374e+03
[32831]	1.466774e+03	4.095176e+03	2.317516e+03	3.127269e+03	3.886005e+03
[32836]	3.930115e+03	3.684444e+03	1.840468e+03	4.959426e+03	9.632047e+02
[32841]	4.770539e+03	4.807785e+03	2.661222e+03	2.871545e+03	2.275876e+03
[32846]	3.749276e+03	1.281349e+03	3.041176e+03	3.039158e+03	4.104973e+03
[32851]	4.630559e+03	2.860540e+03	3.518891e+03	2.389322e+03	4.503226e+03
[32856]	2.478697e+03	2.490482e+03	2.996399e+03	2.615525e+03	3.414356e+03
[32861]	2.038624e+03	5.911388e+03	4.211257e+03	3.029507e+03	2.901702e+03
[32866]	3.225377e+03	2.071185e+03	1.777402e+03	3.513654e+02	1.970170e+03
[32871]	4.424631e+03	3.880645e+03	1.439163e+03	4.784441e+03	4.973253e+03
[32876]	5.399357e+03	3.428096e+03	4.367436e+03	3.047466e+03	3.392547e+03
[32881]	1.070686e+03	2.253008e+03	5.058180e+03	5.354196e+03	6.300374e+03
[32886]	5.506483e+03	1.327368e+03	3.295581e+03	6.775210e+03	5.465688e+03
[32891]	3.560369e+03	5.337880e+02	1.972182e+03	4.713184e+03	2.245113e+03
[32896]	4.438409e+03	1.876045e+03	2.524119e+03	3.475151e+03	5.473829e+03
[32901]	4.233298e+03	2.391496e+03	5.358338e+03	2.144422e+03	3.494885e+03
[32906]	9.972971e+02	3.574479e+03	3.548412e+03	2.355706e+03	2.537606e+03
[32911]	6.271481e+03	1.163873e+03	4.105967e+03	6.262253e+03	4.521073e+03
[32916]	3.653306e+03	3.939513e+03	5.863979e+03	4.188953e+03	2.339546e+03
[32921]	3.540054e+03	3.868365e+03	1.017837e+03	5.229533e+03	4.912066e+03
[32926]	3.233778e+03	4.801883e+03	4.177819e+03	5.670317e+03	5.186699e+03
[32931]	3.922456e+03	6.012227e+03	3.279986e+03	1.165232e+03	3.597983e+03
[32936]	1.554856e+03	2.516297e+03	6.185947e+03	4.739185e+03	4.753080e+03

[32941]	4.200213e+03	2.042677e+03	-3.441481e+02	3.532421e+03	3.977615e+03
[32946]	5.831629e+03	1.249802e+03	2.916231e+03	2.371957e+03	4.388197e+03
[32951]	4.279030e+03	3.638321e+03	3.151252e+03	3.883206e+03	8.049676e+02
[32956]	1.955388e+03	5.345842e+03	1.730549e+03	2.186993e+03	1.823897e+03
[32961]	4.435385e+03	3.107486e+03	4.643400e+03	3.160953e+03	5.606063e+03
[32966]	4.143923e+03	3.012254e+03	1.569881e+03	4.399917e+03	4.898107e+03
[32971]	3.605714e+03	3.737433e+03	1.933458e+03	5.521565e+03	3.721134e+03
[32976]	2.864884e+03	4.568062e+03	2.238289e+03	3.661658e+03	2.401071e+03
[32981]	6.540912e+03	6.274179e+03	4.018311e+03	1.524640e+03	2.645300e+03
[32986]	1.513881e+03	2.390549e+03	3.734153e+03	4.660413e+03	2.166755e+03
[32991]	6.480780e+03	3.381487e+03	3.119582e+03	2.202783e+03	4.908753e+03
[32996]	4.111893e+03	4.336114e+03	2.500106e+03	2.779938e+03	3.178121e+03
[33001]	1.916339e+03	-4.795507e+02	3.549408e+03	3.780874e+03	4.043493e+03
[33006]	1.750414e+03	6.131873e+03	3.305458e+03	4.523732e+03	1.877519e+03
[33011]	3.911969e+03	4.563990e+03	2.941494e+03	6.168465e+03	2.138159e+03
[33016]	5.459498e+03	5.538556e+03	2.070842e+03	5.923100e+03	3.844638e+03
[33021]	2.999631e+03	2.539281e+03	2.071335e+03	6.036778e+03	3.487178e+03
[33026]	3.057326e+03	3.978542e+03	5.461642e+03	4.686881e+03	4.493218e+03
[33031]	1.320576e+03	2.554270e+03	4.643647e+03	1.362790e+03	2.861891e+03
[33036]	4.600160e+03	1.567110e+03	4.969677e+03	4.328124e+03	1.569422e+03
[33041]	4.218117e+03	3.021841e+03	2.462560e+03	5.380237e+03	4.634088e+03
[33046]	1.880516e+03	7.092811e+02	1.898020e+03	3.047387e+03	3.510250e+03
[33051]	3.782680e+03	1.948698e+03	2.789722e+03	1.602015e+03	2.392400e+03
[33056]	1.443756e+03	3.451825e+03	5.491889e+03	2.198160e+03	6.212952e+02
[33061]	2.878155e+03	1.737901e+03	1.275533e+03	1.948934e+03	4.514139e+03
[33066]	3.300506e+03	1.585818e+03	2.241752e+03	2.397304e+03	3.192519e+03
[33071]	4.016644e+03	6.014894e+03	4.245688e+03	3.037627e+03	3.971754e+03
[33076]	5.099808e+03	3.680785e+03	4.503614e+03	1.514162e+03	3.832685e+03
[33081]	3.006918e+03	3.210809e+03	2.948789e+03	5.025845e+03	4.336201e+03
[33086]	2.035199e+03	5.484081e+03	3.475632e+03	1.958839e+03	7.530346e+02
[33091]	6.086094e+03	2.871957e+03	3.662886e+03	4.108988e+03	5.033398e+03
[33096]	2.794052e+03	7.862431e+02	1.561308e+03	1.180245e+03	3.922959e+03
[33101]	3.191588e+03	3.520246e+03	2.495079e+03	4.459433e+03	3.145646e+03
[33106]	2.240955e+03	5.884200e+02	2.265582e+03	5.972485e+03	4.656871e+03
[33111]	3.982415e+03	7.021576e+03	3.507911e+03	2.965120e+03	3.776453e+03
[33116]	3.034021e+03	6.678042e+03	5.104398e+03	4.878507e+03	4.121837e+03
[33121]	2.409801e+03	1.876220e+03	1.855491e+03	5.249729e+03	4.325189e+03
[33126]	2.967507e+03	8.974591e+02	-4.981827e+02	2.886735e+03	2.491840e+03
[33131]	3.562354e+03	3.365540e+03	5.624119e+02	4.581062e+03	3.553112e+03
[33136]	3.134532e+03	5.055699e+03	8.501686e+01	3.079826e+03	4.613380e+03
[33141]	3.208883e+03	4.856008e+03	1.885864e+03	4.500173e+03	5.664245e+03
[33146]	8.760443e+02	4.851491e+03	2.529778e+03	3.391282e+03	4.228484e+03
[33151]	6.724881e+03	4.553062e+03	2.244296e+03	4.227607e+03	7.442211e+03

[33156]	2.757265e+03	3.263439e+03	2.199637e+03	4.488408e+03	5.221924e+03
[33161]	4.420263e+03	3.588183e+03	2.742629e+01	5.432598e+03	3.701534e+03
[33166]	3.546700e+03	2.585280e+03	3.303960e+03	3.674749e+03	4.162510e+03
[33171]	3.101711e+03	5.450509e+03	7.310734e+03	3.217092e+03	1.710323e+03
[33176]	2.594728e+03	3.212740e+03	3.185347e+03	2.450957e+03	4.237580e+03
[33181]	4.018688e+03	3.413303e+03	4.468894e+03	5.405869e+03	4.473528e+03
[33186]	4.465710e+03	4.960678e+03	5.826498e+02	3.550581e+03	4.192819e+02
[33191]	2.774054e+03	8.040099e+03	1.590259e+03	2.420285e+03	4.980579e+03
[33196]	3.498485e+03	2.519607e+03	4.023897e+03	6.704305e+02	2.198042e+03
[33201]	4.511799e+03	5.267912e+02	5.567183e+03	3.448601e+03	2.087464e+03
[33206]	3.849052e+03	4.754356e+03	2.603780e+03	5.081978e+03	3.209758e+03
[33211]	2.639535e+03	3.481900e+03	4.487127e+02	5.839892e+03	5.991660e+03
[33216]	4.711783e+02	3.759989e+03	5.670961e+03	3.876576e+03	4.405421e+03
[33221]	1.467687e+03	-3.161040e+02	1.384985e+03	2.904704e+03	4.847407e+03
[33226]	3.242315e+03	1.953102e+03	-3.812380e+02	4.967131e+02	3.822864e+03
[33231]	1.662694e+03	1.715258e+03	3.345217e+03	1.611649e+03	5.661500e+03
[33236]	2.209248e+03	4.432983e+03	5.588993e+03	3.130061e+03	3.568917e+03
[33241]	4.034543e+03	5.717287e+03	5.379139e+03	3.978404e+03	4.999366e+03
[33246]	5.081312e+03	2.018878e+03	2.661034e+03	5.182987e+03	4.703114e+03
[33251]	3.499183e+03	3.275038e+03	5.094580e+03	4.226023e+03	3.891281e+03
[33256]	3.871402e+03	2.769181e+03	4.265592e+03	1.161435e+03	3.134019e+03
[33261]	4.132632e+03	7.745603e+03	4.785262e+03	1.249635e+03	-5.204365e+02
[33266]	-1.602096e+02	8.109462e+03	3.422196e+03	2.545395e+03	3.403007e+03
[33271]	3.491218e+03	7.045361e+02	2.861720e+03	3.589433e+03	1.510804e+03
[33276]	3.987408e+03	1.627600e+03	4.431543e+03	2.805548e+03	2.100847e+03
[33281]	2.380692e+03	4.152991e+03	5.433678e+03	3.006588e+03	5.036538e+03
[33286]	6.623326e+03	4.219937e+03	2.342393e+03	2.063899e+03	4.033559e+03
[33291]	3.416375e+03	6.532580e+03	5.189801e+03	2.786745e+03	4.214433e+03
[33296]	3.056291e+03	5.523291e+03	1.010695e+03	5.614874e+03	2.895226e+03
[33301]	2.396931e+03	4.108472e+03	3.308395e+03	3.473649e+03	2.619140e+03
[33306]	2.902620e+03	3.873788e+03	5.580246e+03	1.357833e+03	3.041649e+03
[33311]	4.120546e+03	3.946651e+03	3.195085e+03	2.031925e+03	9.465091e+02
[33316]	4.708832e+03	5.644804e+03	2.384469e+03	1.927103e+03	5.156585e+02
[33321]	2.761308e+03	1.118113e+03	3.038540e+03	2.234180e+03	4.672335e+03
[33326]	2.191680e+03	4.555305e+03	3.728659e+03	2.194106e+03	3.658623e+02
[33331]	3.409461e+03	2.649765e+03	3.373794e+03	3.898190e+03	4.472051e+03
[33336]	8.620470e+02	2.354452e+03	1.530219e+03	-7.130589e+02	3.497573e+03
[33341]	3.461171e+03	4.359737e+03	3.897625e+03	4.132143e+03	1.929427e+03
[33346]	1.239358e+03	2.442101e+03	-2.136161e+03	4.149293e+03	4.314632e+03
[33351]	1.969944e+03	3.713454e+03	4.908396e+03	4.064339e+03	2.322860e+03
[33356]	-5.130710e+02	3.332935e+02	3.972702e+03	4.504062e+03	-3.686787e+02
[33361]	3.762189e+03	1.902117e+03	4.638612e+03	3.507011e+03	4.184073e+03
[33366]	5.151701e+03	2.302933e+03	3.724837e+03	5.221295e+03	2.179371e+03

[33371]	9.823795e+02	3.550901e+03	2.320572e+03	3.972215e+03	2.588653e+03
[33376]	1.591472e+03	4.297016e+03	-2.550041e+02	3.926631e+03	4.861699e+03
[33381]	5.165834e+03	5.395587e+03	1.233134e+03	4.505050e+03	2.705755e+03
[33386]	1.762427e+03	1.848037e+03	1.108733e+03	-7.791902e+02	4.385268e+03
[33391]	1.228055e+03	3.176792e+03	5.377969e+03	4.201878e+03	2.317610e+03
[33396]	9.597072e+02	4.056303e+03	3.646017e+03	8.951311e+02	8.223609e+03
[33401]	2.842868e+03	2.319266e+03	2.807035e+03	3.263268e+03	2.052085e+03
[33406]	2.210577e+03	3.007981e+03	3.861911e+03	2.749574e+01	1.262689e+03
[33411]	5.966907e+03	3.368995e+03	2.742482e+03	3.609888e+03	4.039151e+03
[33416]	4.323164e+03	2.128875e+03	4.543087e+03	1.098527e+03	-6.344639e+02
[33421]	3.426385e+03	2.999255e+03	1.918026e+03	3.509687e+03	3.706537e+03
[33426]	4.877492e+03	1.138624e+03	4.404079e+03	6.319660e+03	4.969224e+03
[33431]	1.766153e+03	2.023593e+03	5.484709e+03	2.421205e+03	5.829306e+03
[33436]	2.084723e+03	1.052441e+03	4.211746e+03	4.566592e+03	3.903422e+03
[33441]	2.854620e+03	3.912345e+03	1.651101e+03	7.126796e+03	1.142867e+03
[33446]	3.928427e+03	1.707391e+03	2.102670e+03	3.763088e+03	6.094637e+03
[33451]	3.196116e+03	2.745252e+03	4.820235e+03	3.810601e+03	1.871267e+03
[33456]	3.041776e+03	1.639647e+03	4.376502e+03	5.068100e+03	3.913712e+03
[33461]	6.180051e+03	2.518433e+03	1.820973e+03	5.446000e+03	3.269247e+03
[33466]	3.709317e+03	4.550559e+03	3.239869e+03	3.171623e+03	4.698229e+03
[33471]	3.019145e+03	6.294812e+03	2.727186e+03	2.608416e+03	2.930268e+03
[33476]	3.804032e+03	2.861750e+03	4.707289e+03	3.476363e+03	4.020858e+03
[33481]	2.464795e+03	2.670470e+03	1.754610e+02	2.045125e+03	2.471127e+03
[33486]	1.126806e+03	5.238280e+03	4.547165e+03	2.383100e+03	3.967589e+03
[33491]	1.911280e+03	1.160022e+03	2.750044e+03	4.578836e+03	2.191601e+03
[33496]	4.540488e+03	1.971110e+03	5.405179e+03	2.170229e+03	2.480133e+02
[33501]	2.986143e+03	5.144498e+03	4.844981e+03	6.047656e+03	7.047519e+03
[33506]	3.084964e+03	3.174686e+03	3.825466e+03	4.121825e+03	1.814368e+03
[33511]	2.341654e+03	3.355018e+03	1.897916e+03	4.111024e+03	4.213803e+03
[33516]	6.095021e+03	2.293418e+03	2.589664e+03	2.311682e+03	1.379978e+03
[33521]	2.931360e+03	3.123989e+03	4.057588e+03	2.310890e+03	2.305123e+03
[33526]	5.230938e+03	3.308355e+03	9.412891e+02	6.243376e+03	2.847422e+03
[33531]	2.593582e+03	1.747210e+03	3.896341e+03	3.497630e+03	6.397594e+03
[33536]	3.082390e+03	1.670409e+03	2.971566e+03	1.751044e+03	1.073168e+03
[33541]	2.876715e+03	1.156085e+03	7.401330e+03	1.438607e+03	2.591314e+03
[33546]	3.372694e+03	4.399314e+03	2.773757e+03	1.933570e+03	3.691424e+03
[33551]	3.922360e+03	4.128931e+03	4.211210e+03	5.628294e+03	2.312061e+03
[33556]	3.412756e+03	3.893326e+03	3.489592e+03	4.538713e+03	1.291686e+03
[33561]	2.030252e+03	2.004732e+03	6.064549e+03	6.471251e+03	3.939457e+03
[33566]	1.535524e+03	1.534523e+03	1.194532e+03	3.430685e+03	3.609868e+03
[33571]	2.566998e+03	1.336509e+03	3.464658e+03	3.980015e+03	3.776017e+03
[33576]	2.868793e+03	9.320838e+02	2.771557e+03	4.345081e+03	3.380939e+03
[33581]	5.072730e+03	-2.265580e+02	3.528469e+03	2.395941e+03	1.940622e+03

[33586]	3.388277e+03	1.652082e+03	3.317155e+03	4.403320e+03	4.309231e+03
[33591]	2.820897e+03	2.126255e+03	1.679027e+03	3.327847e+03	4.488146e+03
[33596]	4.783114e+03	5.765860e+03	2.997969e+03	2.835521e+03	7.523413e+02
[33601]	1.883963e+03	1.946469e+03	3.425666e+03	4.015352e+03	4.428516e+03
[33606]	5.272827e+02	2.425910e+02	5.214914e+03	5.644049e+03	3.644936e+03
[33611]	2.575049e+03	6.440475e+03	5.694673e+03	5.311250e+03	3.493028e+03
[33616]	4.318457e+03	4.836477e+03	1.189804e+03	4.088920e+03	8.195379e+02
[33621]	3.053878e+03	1.192047e+03	1.962090e+03	3.032791e+03	3.774650e+03
[33626]	4.614096e+02	2.745297e+03	3.231929e+03	5.744044e+03	2.319335e+03
[33631]	3.112634e+03	1.661322e+03	9.416963e+02	4.311929e+03	3.259714e+03
[33636]	3.896876e+03	-6.032242e+01	5.146842e+03	2.639540e+03	3.602124e+03
[33641]	1.663537e+03	1.229575e+02	4.665994e+03	5.042203e+03	4.263913e+03
[33646]	-9.148755e+02	3.753077e+03	4.027261e+03	8.884300e+02	2.346546e+03
[33651]	5.824381e+03	1.967484e+03	5.293879e+03	4.779962e+03	5.899636e+03
[33656]	4.078017e+03	5.610255e+03	1.574937e+03	2.001343e+03	4.357715e+03
[33661]	1.572375e+03	-7.668840e+02	3.133111e+03	2.022800e+03	3.482049e+03
[33666]	2.071741e+03	4.890788e+02	3.265006e+03	3.450876e+03	2.306560e+03
[33671]	1.223225e+03	2.787396e+03	3.233165e+03	2.525705e+03	3.583859e+03
[33676]	5.634892e+03	3.510947e+03	4.788882e+03	4.353129e+03	3.039789e+03
[33681]	5.712588e+03	3.806527e+03	6.127436e+03	2.848198e+03	4.122571e+03
[33686]	2.330435e+03	2.253425e+03	4.172329e+03	3.409543e+03	2.427312e+03
[33691]	2.414557e+03	2.439938e+03	3.509150e+03	2.761931e+03	3.499697e+03
[33696]	3.451742e+03	2.296473e+03	3.972557e+03	2.375532e+03	2.518236e+03
[33701]	9.679211e+02	3.402099e+03	3.359664e+03	2.348460e+03	3.067380e+03
[33706]	3.088248e+03	7.982996e+02	-2.056370e+03	1.199195e+03	4.422060e+03
[33711]	2.898753e+03	2.081175e+03	-1.231922e+03	2.298952e+03	4.928950e+03
[33716]	6.168162e+03	1.728252e+03	7.599708e+02	1.644501e+03	4.378144e+03
[33721]	2.101197e+03	3.541666e+03	2.268464e+03	3.172170e+03	4.766585e+03
[33726]	1.829245e+03	2.514803e+03	5.605620e+03	4.394948e+03	4.506858e+03
[33731]	1.280013e+03	3.852590e+03	1.532363e+03	1.724730e+03	5.947885e+03
[33736]	2.145026e+03	3.265949e+03	3.148389e+03	4.135383e+03	3.006718e+03
[33741]	3.418745e+03	3.525487e+03	4.291414e+03	2.434736e+03	5.741477e+03
[33746]	2.147104e+03	4.073839e+03	-1.404322e+03	3.470574e+03	2.497087e+03
[33751]	3.316353e+03	3.409455e+03	3.842703e+03	2.851595e+03	3.084151e+03
[33756]	3.080039e+03	5.331430e+03	4.214501e+03	2.973352e+03	3.135243e+03
[33761]	2.326518e+02	5.162017e+03	7.261731e+02	3.268345e+03	2.889378e+03
[33766]	3.883568e+03	5.874151e+03	5.303700e+03	4.174054e+02	5.956280e+03
[33771]	3.606420e+03	6.751922e+03	1.787880e+03	1.853254e+03	2.773685e+03
[33776]	4.687939e+03	1.046431e+03	2.169045e+03	5.109349e+03	3.840826e+03
[33781]	4.427871e+03	2.566384e+03	4.416799e+03	3.131159e+03	4.774824e+03
[33786]	4.025581e+03	4.428176e+03	4.261681e+03	3.346580e+03	5.125440e+03
[33791]	5.858382e+03	2.165960e+03	4.317400e+03	5.120353e+03	2.539761e+03
[33796]	3.990077e+03	2.314530e+03	3.847430e+03	6.456550e+02	5.468577e+03

[33801]	6.046126e+03	3.056825e+03	2.637485e+03	1.284228e+03	2.928276e+03
[33806]	5.212269e+03	3.609107e+03	3.879252e+03	5.956607e+03	3.252956e+03
[33811]	1.674215e+03	1.903630e+03	2.016717e+03	4.339769e+03	5.596351e+03
[33816]	-6.165714e+00	3.162912e+03	2.355990e+03	5.306348e+03	4.464767e+03
[33821]	5.470524e+03	4.802305e+03	1.716589e+03	2.081803e+03	1.664272e+03
[33826]	4.250022e+03	2.615691e+03	3.186802e+03	1.796470e+03	4.809318e+03
[33831]	3.155391e+03	2.501841e+03	3.873136e+03	1.658413e+03	2.058759e+03
[33836]	4.447841e+03	4.891207e+03	4.338737e+03	-9.847505e+02	5.192845e+03
[33841]	3.773890e+03	2.084667e+03	3.187051e+03	3.980568e+02	-5.529810e+02
[33846]	2.642607e+03	2.721022e+03	5.480545e+03	2.089075e+03	1.702676e+03
[33851]	3.494606e+03	3.614556e+03	4.300253e+03	2.882140e+03	-2.164476e+02
[33856]	4.644880e+03	1.627958e+03	3.733360e+03	5.045899e+03	3.380736e+03
[33861]	3.969672e+03	3.872822e+03	4.442347e+03	2.600927e+03	1.099535e+03
[33866]	5.077474e+03	4.856163e+03	1.111217e+03	3.676418e+03	2.544192e+03
[33871]	5.771067e+03	5.183236e+03	1.778137e+03	6.095301e+03	3.806343e+03
[33876]	5.961687e+03	1.411270e+03	2.520042e+03	4.790498e+03	4.688475e+03
[33881]	1.989502e+03	3.151188e+03	5.187907e+03	4.670513e+03	9.444746e+02
[33886]	4.906360e+03	2.023242e+03	2.853189e+03	-3.414324e+02	4.534990e+03
[33891]	3.590569e+03	2.785869e+03	2.493181e+02	4.734796e+03	3.187665e+03
[33896]	2.199836e+03	-1.394751e+02	9.716702e+02	5.234624e+03	2.359895e+03
[33901]	6.842812e+03	8.132364e+02	1.937086e+03	1.420788e+03	3.673592e+03
[33906]	4.665946e+03	2.458713e+03	2.163331e+03	3.233343e+03	2.260420e+03
[33911]	3.618004e+03	1.562409e+03	2.647742e+03	4.024270e+03	3.114628e+02
[33916]	3.461430e+03	2.916769e+03	4.241046e+03	4.872121e+03	3.483682e+03
[33921]	2.871400e+03	3.064276e+03	-1.026485e+01	3.151990e+03	3.833438e+03
[33926]	2.027092e+03	2.161436e+03	6.603685e+03	2.760932e+03	2.967235e+03
[33931]	5.342529e+03	4.372837e+03	3.177417e+03	5.327269e+03	4.382526e+03
[33936]	1.820613e+03	3.150365e+03	3.634139e+03	5.144493e+03	2.146350e+03
[33941]	1.947600e+02	2.599058e+03	4.043345e+03	2.350083e+03	5.286648e+03
[33946]	3.183388e+03	9.724701e+02	3.054010e+03	4.365020e+03	8.080501e+02
[33951]	1.075804e+03	1.938587e+03	1.875886e+03	3.345235e+03	4.339245e+03
[33956]	3.971872e+03	-1.353466e+02	3.082925e+03	3.996003e+03	2.678420e+03
[33961]	4.480090e+03	6.516155e+02	3.320093e+03	3.378228e+03	1.294809e+03
[33966]	3.812959e+03	3.269366e+03	2.403921e+03	2.889161e+03	3.255435e+03
[33971]	1.913421e+03	2.794602e+03	3.769814e+03	3.646509e+03	4.288410e+03
[33976]	2.738391e+03	4.958510e+03	9.381743e+02	1.167768e+03	2.290701e+03
[33981]	2.670572e+03	1.739821e+03	7.425002e+02	3.060151e+03	3.387111e+03
[33986]	2.839467e+03	1.385127e+03	1.202805e+03	4.834050e+02	2.526495e+03
[33991]	3.127246e+03	2.395704e+03	2.944240e+03	7.765170e+01	3.854825e+03
[33996]	1.221703e+03	1.714814e+03	1.798823e+03	3.416082e+03	4.970260e+03
[34001]	1.871828e+03	2.761923e+03	2.811113e+03	-1.855445e+02	5.313187e+03
[34006]	1.421928e+03	3.339775e+03	2.634607e+03	3.240482e+03	2.871434e+03
[34011]	1.913744e+03	5.723112e+03	4.023151e+03	3.996691e+03	4.200117e+03

[34016]	5.439290e+03	3.956908e+03	3.771894e+03	1.079353e+02	1.886805e+03
[34021]	6.102321e+03	3.726381e+03	3.716333e+03	4.355847e+03	4.490412e+03
[34026]	2.773816e+03	3.759201e+03	2.403695e+03	3.713278e+03	3.214514e+03
[34031]	6.022767e+03	2.585305e+03	2.223171e+03	5.853136e+03	3.490522e+03
[34036]	5.770327e+03	2.191151e+03	2.449656e+03	-1.461771e+01	3.188933e+03
[34041]	6.446315e+03	2.692280e+03	1.303658e+03	3.031426e+03	3.195913e+03
[34046]	5.095962e+03	6.389728e+03	5.669009e+03	5.709989e+03	5.004569e+03
[34051]	1.663577e+03	3.384019e+03	-2.564971e+03	2.603973e+03	1.891597e+03
[34056]	4.699858e+03	2.218182e+03	2.309512e+03	4.441212e+03	3.226340e+03
[34061]	2.943486e+03	3.264664e+03	6.209263e+03	2.902253e+03	5.774790e+03
[34066]	-2.280942e+02	1.382902e+03	1.255828e+03	3.656011e+03	2.704807e+03
[34071]	2.165931e+03	4.453874e+03	2.496931e+03	6.513327e+03	5.223199e+03
[34076]	5.526876e+03	4.117689e+03	2.332639e+03	3.803228e+03	2.723093e+03
[34081]	2.124203e+03	4.536955e+03	4.231804e+03	3.450212e+03	1.093362e+03
[34086]	3.470792e+03	3.679667e+03	8.480891e+02	5.210423e+03	5.231759e+03
[34091]	4.628626e+03	5.621165e+03	2.211254e+03	2.096197e+03	4.447740e+03
[34096]	4.616547e+03	2.406218e+03	3.643132e+03	4.373798e+03	4.755329e+03
[34101]	1.170890e+03	9.680423e+02	2.257840e+03	5.881006e+03	1.661359e+03
[34106]	3.940236e+03	4.206729e+03	5.831336e+03	4.182314e+03	-5.539175e+01
[34111]	5.876642e+03	2.874073e+03	4.747071e+03	3.325348e+03	3.968817e+03
[34116]	3.238189e+03	1.507889e+03	4.142576e+03	4.700278e+03	5.234971e+03
[34121]	2.568731e+03	-8.993857e+01	1.213110e+03	5.358654e+03	1.663661e+03
[34126]	3.222654e+03	4.877044e+03	3.045503e+03	1.586700e+03	4.741819e+03
[34131]	2.731540e+03	4.344306e+03	6.805114e+03	1.697137e+03	3.099350e+03
[34136]	4.917624e+03	2.162452e+03	4.663946e+02	5.803217e+03	4.512169e+03
[34141]	3.925387e+03	3.030705e+03	2.882717e+03	3.405533e+02	3.349000e+03
[34146]	3.702771e+03	4.336406e+03	2.632228e+03	4.573840e+03	2.692024e+03
[34151]	2.773725e+03	5.083836e+03	4.585430e+03	2.091263e+03	5.924033e+03
[34156]	2.144410e+03	2.993493e+03	3.041499e+03	3.141437e+03	3.112344e+03
[34161]	7.055020e+02	4.695011e+03	1.049136e+03	4.223674e+03	2.967518e+03
[34166]	2.686510e+03	2.795387e+03	1.127018e+03	1.445707e+03	3.312945e+03
[34171]	3.509744e+03	4.794560e+03	3.021530e+03	3.880859e+03	6.462130e+03
[34176]	5.471372e+03	6.091473e+03	2.842162e+03	3.162382e+03	1.983552e+03
[34181]	3.290583e+03	2.854855e+03	3.068627e+03	2.965688e+03	-5.626501e+02
[34186]	2.481464e+03	5.570573e+03	3.990043e+03	6.091153e+03	4.161098e+03
[34191]	2.990663e+03	2.419907e+03	4.287509e+03	5.225042e+03	3.807715e+03
[34196]	6.058521e+02	1.883897e+03	3.237079e+03	2.499071e+03	-2.303823e+03
[34201]	2.828288e+03	3.902746e+02	1.499114e+03	5.056602e+03	3.430827e+03
[34206]	3.260932e+03	3.632778e+03	3.709818e+03	5.077092e+02	3.292444e+02
[34211]	4.723292e+03	1.214123e+03	4.445897e+03	4.490254e+03	2.098137e+03
[34216]	2.575136e+03	5.660310e+03	3.607780e+03	2.860514e+03	3.485950e+03
[34221]	3.826875e+03	2.600643e+03	3.510777e+03	4.272357e+03	8.135741e+03
[34226]	3.151909e+03	3.070870e+03	4.536872e+03	5.756140e+02	2.833410e+03



[34231]	3.437269e+03	8.021359e+03	2.100455e+03	3.587488e+03	3.808625e+03
[34236]	5.950201e+03	7.619206e+03	5.741494e+03	2.128785e+03	5.347461e+03
[34241]	4.719367e+03	2.476189e+03	1.770683e+03	2.598732e+03	2.256881e+03
[34246]	3.197089e+03	9.574940e+02	5.419223e+03	3.710216e+03	3.005599e+03
[34251]	3.058586e+03	2.787415e+03	3.452972e+03	3.766183e+03	2.792087e+03
[34256]	1.709702e+03	1.425573e+03	1.176162e+03	5.996660e+03	4.104887e+03
[34261]	4.912597e+03	3.200985e+03	4.137264e+03	6.682485e+03	4.389621e+03
[34266]	3.831377e+02	2.134411e+03	2.818173e+03	3.292133e+03	3.689070e+03
[34271]	5.121366e+03	3.957021e+03	3.892177e+03	5.263857e+03	8.527580e+03
[34276]	2.932562e+03	5.339951e+03	4.352880e+03	2.729539e+03	2.973340e+03
[34281]	9.575226e+02	5.376690e+03	2.579895e+03	2.803777e+03	-4.564294e+02
[34286]	6.396066e+03	6.038958e+03	9.387889e+02	2.141019e+03	3.205315e+02
[34291]	3.111956e+03	-2.960262e+02	1.769959e+03	1.328105e+03	2.951293e+03
[34296]	3.385534e+03	2.852021e+03	3.651795e+03	1.690543e+03	5.232140e+03
[34301]	1.816861e+03	1.723500e+03	6.764973e+03	5.111151e+03	1.693640e+03
[34306]	4.336382e+03	3.496058e+03	2.364837e+03	4.988928e+03	3.026925e+03
[34311]	5.058813e+03	4.445131e+03	5.087240e+03	4.744144e+03	3.314913e+03
[34316]	4.363959e+03	1.266156e+03	2.734159e+03	3.102468e+03	3.905007e+03
[34321]	2.797398e+03	2.111033e+03	2.915214e+03	7.776042e+02	3.018206e+03
[34326]	2.423438e+03	5.670543e+03	3.103999e+03	4.968470e+03	2.077877e+03
[34331]	3.273692e+03	1.447862e+03	2.009341e+03	1.714707e+03	4.554680e+03
[34336]	2.243637e+03	1.835691e+03	4.902690e+03	1.345154e+03	6.299282e+03
[34341]	2.470833e+03	3.641270e+03	2.343510e+02	3.175997e+03	4.622434e+03
[34346]	3.874809e+03	2.313225e+03	4.142083e+03	3.298973e+03	1.941818e+03
[34351]	3.530669e+02	3.907651e+03	3.541475e+03	3.918822e+03	4.023303e+03
[34356]	4.006151e+03	7.857045e+02	4.623294e+03	2.539809e+03	5.111345e+03
[34361]	5.170747e+02	2.158099e+03	1.948248e+03	3.380120e+02	3.051255e+03
[34366]	-2.011408e+01	2.894748e+03	4.956201e+03	5.184194e+03	3.461639e+03
[34371]	3.077580e+03	3.528947e+03	-4.393793e+02	4.703605e+03	2.260779e+03
[34376]	3.893657e+03	1.538149e+03	5.517039e+03	6.063367e+03	2.986264e+03
[34381]	2.324784e+03	2.107594e+03	3.626699e+03	2.160479e+03	4.633041e+03
[34386]	5.813325e+03	2.697267e+03	2.199524e+03	5.863785e+03	6.657478e+03
[34391]	3.428955e+03	2.014273e+03	5.420084e+03	5.154377e+03	5.776608e+03
[34396]	2.750742e+03	3.714688e+03	2.201909e+03	3.157266e+03	1.882468e+03
[34401]	1.931821e+03	6.295316e+03	4.672331e+03	3.554002e+03	1.249098e+02
[34406]	3.631253e+03	5.668388e+03	1.821591e+03	4.015502e+03	1.357145e+03
[34411]	1.703794e+03	2.491223e+03	4.126834e+03	5.500756e+02	5.677018e+03
[34416]	4.903008e+03	2.989691e+03	3.334953e+03	2.008150e+03	3.085741e+03
[34421]	3.323464e+03	4.182463e+03	5.530749e+02	4.976244e+03	1.730918e+03
[34426]	1.233819e+03	2.128383e+03	5.526057e+03	1.272245e+03	2.986394e+03
[34431]	4.354302e+03	6.153468e+02	6.105417e+03	5.993988e+03	2.902216e+03
[34436]	5.182581e+03	2.456304e+03	5.904043e+03	6.104186e+03	2.046465e+03
[34441]	8.158010e+02	1.293012e+03	2.725441e+03	3.107106e+03	2.238812e+03

[34446]	3.066635e+03	2.162951e+03	5.808966e+03	2.489325e+03	2.609237e+02
[34451]	4.577681e+03	-2.135858e+01	-3.301577e+02	4.712578e+03	2.477217e+03
[34456]	7.597334e+03	5.567193e+03	4.878731e+03	3.398716e+03	3.602880e+03
[34461]	2.635543e+03	3.909744e+03	8.483381e+03	6.107970e+03	3.457932e+03
[34466]	3.922600e+03	2.936065e+03	3.874677e+03	2.673124e+03	5.487163e+03
[34471]	4.507378e+03	1.969745e+03	2.767154e+03	4.749765e+03	3.930782e+03
[34476]	4.064946e+03	2.250187e+03	3.615743e+03	4.325059e+03	3.039691e+03
[34481]	4.722866e+03	3.078142e+03	3.214082e+03	2.982890e+03	4.361394e+03
[34486]	1.576423e+03	2.905639e+03	4.075420e+03	2.656923e+03	2.730906e+03
[34491]	7.021423e+03	3.644298e+03	1.173908e+03	3.991890e+03	1.779761e+03
[34496]	2.066473e+03	4.253284e+03	1.998028e+03	4.073810e+03	3.623943e+03
[34501]	2.634518e+03	2.209256e+03	8.711061e+02	4.285460e+03	4.210596e+03
[34506]	4.808120e+03	-7.753567e+02	3.073700e+03	3.559819e+03	1.630886e+03
[34511]	3.261297e+03	2.134214e+03	5.947458e+03	-4.314136e+02	3.541320e+03
[34516]	3.327473e+03	2.383627e+03	2.926293e+03	6.740839e+03	2.580048e+03
[34521]	2.470611e+03	1.015228e+03	3.328293e+03	5.250333e+03	1.756684e+03
[34526]	3.620491e+03	3.537081e+03	4.952085e+03	2.356972e+03	5.898986e+03
[34531]	1.156123e+03	1.665004e+03	1.638961e+03	2.310981e+02	5.890305e+03
[34536]	3.046484e+03	3.417236e+03	3.242530e+03	3.576735e+03	4.939704e+03
[34541]	2.955301e+03	1.867624e+03	3.046317e+03	1.036937e+03	2.297843e+03
[34546]	3.166993e+03	1.329464e+03	2.145038e+03	4.767202e+03	3.538036e+03
[34551]	3.259499e+03	1.471152e+03	4.987747e+02	4.407737e+03	7.335845e+02
[34556]	3.511143e+03	1.914176e+03	3.178697e+03	5.393986e+03	-1.911291e+02
[34561]	4.344334e+03	3.878853e+03	4.902202e+03	2.168394e+03	5.811667e+03
[34566]	2.318670e+03	3.851329e+03	3.374714e+03	4.348961e+03	1.392368e+03
[34571]	1.734707e+03	9.484047e+02	4.484451e+03	4.649260e+02	3.271315e+03
[34576]	2.417685e+03	4.464432e+03	4.377993e+03	2.296321e+03	4.776913e+03
[34581]	2.589371e+03	5.624289e+03	2.933055e+03	4.495660e+03	8.933348e+02
[34586]	4.430313e+03	4.394640e+03	2.008797e+02	8.257778e+02	3.200886e+03
[34591]	4.108121e+03	3.011575e+03	3.539104e+03	3.060300e+03	2.999574e+03
[34596]	4.097900e+03	5.140559e+03	3.522265e+03	2.858370e+03	6.795382e+03
[34601]	2.456067e+03	3.374291e+03	3.656425e+03	4.295909e+03	4.738543e+03
[34606]	4.413266e+03	4.192246e+03	-1.369188e+02	2.232399e+03	3.183483e+03
[34611]	-1.167436e+03	4.771631e+03	2.578531e+03	1.200770e+03	2.505507e+03
[34616]	3.621222e+03	3.191330e+03	-1.915750e+03	3.220600e+03	3.313265e+03
[34621]	4.762007e+03	3.418527e+03	3.773989e+03	4.616123e+03	6.440414e+03
[34626]	4.350670e+03	3.069920e+03	9.993236e+02	4.003751e+03	3.815356e+03
[34631]	-1.738062e+02	5.701151e+03	4.284123e+03	-2.361316e+02	3.093925e+03
[34636]	2.639471e+03	4.616337e+03	3.755025e+03	3.309887e+03	1.464809e+03
[34641]	4.925121e+03	2.657708e+03	1.887519e+03	1.889117e+03	2.661913e+03
[34646]	5.279971e+03	6.267910e+03	3.622641e+03	2.675469e+03	3.422405e+03
[34651]	6.212000e+03	4.677029e+03	5.441958e+03	5.506842e+03	3.425019e+03
[34656]	2.474940e+03	2.091634e+03	6.714754e+01	4.861565e+03	4.778339e+02

[34661]	2.020551e+03	-8.347441e+02	2.069753e+03	2.251545e+03	1.239449e+03
[34666]	6.277157e+03	2.465220e+03	5.146982e+03	5.426073e+03	4.032273e+03
[34671]	4.068232e+03	3.293744e+03	1.841480e+03	3.774970e+03	1.627922e+03
[34676]	2.960481e+03	7.624988e+02	3.700810e+03	4.925740e+03	9.883316e+02
[34681]	5.405314e+03	1.294181e+03	1.485636e+03	4.305809e+03	3.142201e+03
[34686]	2.007960e+03	3.396317e+03	4.834927e+03	3.848863e+03	4.685716e+03
[34691]	3.221560e+03	3.047775e+02	2.638093e+03	2.426076e+03	6.218490e+03
[34696]	2.688117e+03	4.759521e+03	3.371859e+03	2.369147e+03	5.128874e+03
[34701]	4.864408e+03	6.106040e+03	3.406694e+03	6.003605e+03	2.716087e+03
[34706]	4.602942e+03	3.068441e+03	8.231928e+02	3.738378e+03	8.604184e+02
[34711]	6.524530e+02	3.114170e+03	3.792491e+03	3.715246e+03	3.021611e+03
[34716]	3.600472e+03	2.694117e+03	5.878630e+03	3.293688e+03	6.094596e+03
[34721]	4.271717e+03	4.091036e+03	2.977017e+03	1.408036e+03	4.477280e+03
[34726]	3.403273e+03	3.928104e+03	3.456564e+03	2.187300e+03	2.789376e+03
[34731]	5.055725e+03	5.646262e+03	6.321282e+03	4.454218e+03	2.480374e+03
[34736]	6.160307e+03	1.699715e+03	5.602679e+03	1.149570e+03	5.387419e+02
[34741]	2.878551e+03	4.094501e+03	5.428308e+03	3.898297e+03	3.240973e+01
[34746]	4.300630e+03	4.327207e+03	4.453584e+02	3.752355e+03	7.131657e+03
[34751]	5.419938e+03	2.528599e+03	2.191061e+03	3.606032e+03	3.179203e+03
[34756]	1.827882e+03	2.681878e+03	4.087757e+03	8.151016e+03	-6.146133e+02
[34761]	4.006374e+03	3.609479e+03	1.514790e+03	1.551793e+03	4.815872e+03
[34766]	3.597538e+03	2.368721e+03	-1.739771e+03	4.862530e+03	3.189865e+03
[34771]	1.389371e+03	6.104314e+03	6.340766e+03	1.857733e+03	4.731218e+03
[34776]	3.461533e+03	4.492850e+03	5.736962e+03	3.598337e+03	4.501938e+03
[34781]	4.887680e+03	5.379262e+03	2.682406e+03	2.887257e+03	4.012006e+03
[34786]	4.586689e+03	3.880714e+03	4.420672e+03	2.768601e+03	2.451498e+03
[34791]	2.882137e+03	7.258396e+03	3.905915e+03	2.350462e+03	3.995277e+03
[34796]	4.227830e+03	4.324731e+03	2.000678e+02	4.749355e+03	3.595789e+03
[34801]	1.630557e+03	1.384490e+03	3.220793e+03	4.099198e+03	7.323223e+03
[34806]	3.612379e+03	3.933820e+03	3.695548e+03	4.598010e+03	3.326665e+03
[34811]	4.174527e+03	4.057835e+03	5.370928e+03	2.275571e+03	1.748464e+03
[34816]	3.423643e+03	8.171330e+02	4.478726e+03	1.200982e+03	5.138745e+03
[34821]	4.173058e+03	4.185108e+03	2.171784e+03	2.543756e+03	5.007798e+03
[34826]	3.070653e+03	3.517529e+03	5.319285e+03	3.435920e+03	6.016062e+03
[34831]	2.811884e+03	4.898519e+03	2.586488e+03	2.124501e+03	2.358570e+03
[34836]	2.820602e+03	3.302418e+03	2.245191e+02	2.154753e+03	2.801004e+03
[34841]	2.194361e+03	2.969080e+03	4.256131e+03	2.860978e+03	1.173837e+03
[34846]	1.064774e+03	4.941699e+03	4.674906e+03	3.555265e+03	3.215892e+03
[34851]	2.399329e+03	5.616680e+03	1.286684e+03	2.094663e+03	4.525475e+03
[34856]	2.388336e+03	3.177038e+03	2.740629e+03	9.127528e+02	3.151395e+03
[34861]	4.325890e+03	1.768689e+03	3.999715e+03	4.015902e+03	3.508033e+03
[34866]	5.099889e+03	4.083893e+03	5.500168e+03	1.166981e+03	1.947238e+03
[34871]	1.250816e+03	5.606182e+03	5.909331e+03	4.582947e+03	2.434521e+03

[34876]	3.403002e+03	5.845243e+03	4.387756e+03	1.868407e+03	4.919601e+03
[34881]	7.234962e+03	4.652767e+03	3.251587e+03	5.223195e+03	2.478911e+03
[34886]	4.019235e+03	-7.688159e+00	2.567692e+03	2.219759e+03	3.083272e+03
[34891]	5.663840e+03	1.873634e+03	4.801150e+03	5.489693e+03	4.694964e+03
[34896]	4.797700e+03	2.193208e+03	3.219310e+03	4.283761e+03	3.438185e+03
[34901]	6.633935e+03	3.682140e+03	3.574849e+03	3.073555e+03	3.684063e+03
[34906]	4.915951e+03	3.486360e+03	2.216765e+03	2.145095e+03	2.144945e+03
[34911]	5.196502e+03	8.763198e+02	4.890744e+03	6.095473e+02	3.902713e+03
[34916]	2.892635e+02	4.825183e+03	2.012588e+03	4.826285e+03	3.432514e+03
[34921]	3.022306e+03	3.539522e+03	2.919524e+03	1.249749e+03	4.198403e+03
[34926]	4.417697e+03	7.206179e+02	1.040868e+03	3.201290e+03	5.948499e+03
[34931]	2.588209e+03	4.234281e+03	4.111784e+03	4.876858e+03	2.524424e+03
[34936]	6.652644e+03	2.414272e+03	3.362781e+03	2.223842e+03	3.581624e+03
[34941]	3.449162e+03	3.183799e+03	6.419871e+03	2.191944e+03	5.434648e+03
[34946]	3.333939e+03	3.888976e+03	1.941383e+03	3.341387e+03	2.234452e+03
[34951]	1.538317e+03	6.134946e+03	4.286793e+03	5.777457e+03	3.873413e+03
[34956]	3.958913e+03	1.716633e+03	4.810701e+03	2.697293e+03	4.367836e+03
[34961]	3.024927e+03	2.318438e+03	3.787231e+03	2.655324e+03	1.681437e+03
[34966]	3.627664e+00	4.175473e+03	3.165712e+03	5.049583e+03	2.516392e+03
[34971]	4.192449e+03	2.860850e+03	5.676338e+03	4.904638e+03	3.111688e+03
[34976]	1.814232e+03	5.013045e+03	4.185114e+03	4.582499e+03	5.477228e+03
[34981]	1.047825e+03	4.327477e+03	3.578370e+03	1.637152e+03	2.799620e+03
[34986]	1.164873e+03	2.846467e+03	2.815227e+03	1.427730e+03	6.491616e+03
[34991]	3.490412e+03	3.386388e+03	3.339272e+03	3.695425e+03	3.803658e+03
[34996]	4.544126e+03	3.190648e+03	2.267097e+03	1.849737e+03	2.815259e+03
[35001]	6.120249e+03	3.749472e+03	2.206517e+03	1.835764e+03	4.534477e+03
[35006]	4.505652e+03	6.543584e+03	4.227800e+03	4.211110e+03	2.216273e+03
[35011]	3.087387e+03	2.000105e+03	3.109306e+03	5.640182e+03	1.346503e+03
[35016]	4.724215e+03	2.245427e+03	3.548879e+03	4.670275e+03	1.223663e+03
[35021]	1.421230e+03	2.008522e+03	3.536839e+03	4.087685e+03	3.784589e+03
[35026]	3.634354e+03	9.003650e+02	3.718800e+03	3.352159e+03	6.334101e+03
[35031]	8.569304e+03	5.982662e+03	3.373930e+03	4.955404e+03	3.685021e+03
[35036]	1.592834e+03	2.351310e+03	-7.251913e+02	5.424034e+03	5.811859e+03
[35041]	3.669025e+03	2.377678e+03	1.751297e+03	2.598305e+03	2.623812e+03
[35046]	3.295056e+03	2.041458e+03	5.808923e+03	6.441825e+03	4.491885e+03
[35051]	2.472877e+03	4.416394e+03	1.182736e+03	4.085278e+03	3.353995e+03
[35056]	3.580161e+03	2.906563e+03	5.306511e+03	4.893123e+03	-1.280140e+03
[35061]	2.554193e+03	3.986292e+03	4.557056e+03	8.408609e+02	2.613415e+03
[35066]	3.165328e+03	3.290928e+03	2.655300e+03	-2.607702e+02	3.505254e+03
[35071]	1.459895e+03	9.274410e+02	3.711083e+03	1.810859e+03	4.726249e+03
[35076]	3.263424e+03	2.519337e+03	5.978807e+03	1.462969e+03	3.848106e+03
[35081]	1.158787e+03	3.462397e+03	4.420580e+03	3.593364e+03	7.063269e+03
[35086]	4.217932e+03	9.500976e+02	2.918321e+03	1.494960e+03	-7.346095e+02

[35091]	3.496159e+03	2.211908e+03	3.891058e+03	6.193594e+03	5.685718e+03
[35096]	4.546491e+03	1.821985e+03	3.969355e+03	4.945246e+03	4.230976e+03
[35101]	2.439991e+03	2.395267e+03	2.522995e+03	8.057887e+02	3.339334e+03
[35106]	3.930671e+03	3.768415e+03	3.823510e+03	3.210589e+03	2.077322e+03
[35111]	5.381922e+03	3.792864e+03	5.667085e+03	2.931395e+03	1.686733e+03
[35116]	4.644500e+02	3.358753e+03	1.680802e+03	4.679392e+03	4.604748e+03
[35121]	5.399149e+03	5.824343e+03	1.484010e+03	3.114250e+03	5.681617e+03
[35126]	2.352212e+03	2.555542e+03	3.551541e+03	2.454727e+03	4.367400e+03
[35131]	6.139048e+02	2.997436e+03	-5.810739e+02	3.257285e+03	3.180842e+03
[35136]	4.315397e+03	4.330316e+03	3.770223e+03	1.424614e+03	1.990795e+03
[35141]	3.482048e+03	5.809182e+03	5.714762e+03	4.247232e+03	3.559620e+03
[35146]	3.627553e+03	1.959469e+03	3.305817e+03	3.936114e+03	3.825245e+03
[35151]	3.511755e+03	2.398311e+03	6.580189e+02	3.631181e+03	1.929391e+03
[35156]	3.213052e+03	1.071958e+03	4.092887e+03	2.874689e+03	4.413760e+03
[35161]	3.639692e+03	4.378000e+03	4.889826e+02	4.094007e+03	2.585924e+03
[35166]	2.405607e+03	2.994433e+03	4.506860e+03	3.245771e+03	3.595073e+03
[35171]	3.727020e+02	4.307851e+03	1.681701e+03	1.471054e+03	4.257731e+03
[35176]	4.691056e+03	4.694950e+03	2.381180e+03	4.267746e+03	2.535892e+03
[35181]	3.550569e+03	4.563261e+03	2.011480e+03	4.317562e+03	3.953698e+03
[35186]	1.267430e+03	4.719167e+03	2.078900e+03	1.213032e+03	3.898485e+03
[35191]	3.597554e+03	5.074112e+03	3.193244e+03	3.514868e+03	4.246299e+03
[35196]	5.172137e+03	3.056772e+03	1.608243e+03	4.678390e+03	2.073578e+03
[35201]	4.947187e+03	4.430913e+03	5.075703e+03	2.636879e+03	3.814671e+03
[35206]	5.076113e+03	1.121455e+03	6.083575e+03	2.422332e+03	2.831731e+03
[35211]	3.062839e+03	4.497436e+03	3.001710e+03	3.028128e+03	3.940642e+03
[35216]	9.707022e+02	2.604657e+03	5.683516e+03	5.101884e+03	3.350949e+03
[35221]	2.981950e+03	2.603992e+03	3.420102e+03	3.811301e+03	2.155321e+03
[35226]	4.701517e+03	2.094244e+03	-8.434857e+00	4.194570e+03	2.145788e+03
[35231]	3.486549e+03	2.864757e+03	2.794683e+03	1.756891e+03	5.280650e+03
[35236]	4.186949e+03	4.555421e+03	3.700461e+03	2.794685e+03	2.983421e+03
[35241]	4.055078e+03	4.179647e+03	2.539518e+03	5.664986e+03	1.620700e+03
[35246]	3.489925e+03	3.843217e+03	4.011721e+03	5.393802e+03	3.811857e+03
[35251]	2.632672e+03	3.169308e+03	7.687422e+02	5.134355e+03	8.235461e+02
[35256]	4.473177e+03	3.291373e+03	3.343715e+03	9.629669e+02	2.710818e+03
[35261]	1.423614e+03	4.364637e+03	5.167101e+03	2.828874e+03	2.767458e+03
[35266]	5.971358e+03	2.911095e+03	7.084298e+03	1.434874e+03	4.535722e+03
[35271]	3.332692e+03	4.329437e+03	1.367431e+03	1.772821e+03	5.408511e+03
[35276]	2.381685e+03	2.719718e+03	5.058007e+03	2.395570e+03	3.529896e+03
[35281]	1.096475e+03	2.181220e+03	2.396447e+03	4.723899e+03	2.384218e+03
[35286]	2.493872e+03	3.963853e+03	4.457951e+03	2.274702e+03	2.610446e+03
[35291]	1.576709e+03	3.938691e+03	4.019384e+03	3.451780e+03	1.492128e+03
[35296]	4.943958e+03	4.720523e+03	1.254499e+03	9.177328e+02	3.020056e+03
[35301]	2.895351e+03	3.294982e+03	-7.341022e+02	2.522592e+03	4.798938e+03

[35306]	4.455273e+03	3.712498e+03	2.237472e+03	5.055685e+03	5.605249e+03
[35311]	3.875437e+03	4.097781e+03	2.798679e+03	3.422861e+03	9.717006e+02
[35316]	1.013768e+03	4.973730e+03	-5.487246e+01	4.957397e+03	5.170321e+02
[35321]	3.387806e+03	3.539883e+03	2.040628e+01	4.521615e+03	4.768019e+03
[35326]	4.296311e+03	4.334325e+03	4.922897e+03	3.578714e+03	4.259217e+03
[35331]	3.896100e+03	7.678998e+03	3.407879e+03	2.751639e+03	7.553067e+02
[35336]	2.748217e+03	3.587431e+03	2.826180e+03	2.021518e+03	3.030700e+03
[35341]	9.809210e+02	3.611392e+03	2.755474e+03	4.123711e+03	1.988898e+03
[35346]	2.284825e+03	4.528197e+03	2.933010e+03	2.023258e+03	2.073840e+03
[35351]	1.942966e+03	2.057309e+03	2.315545e+03	4.229661e+03	4.322115e+03
[35356]	4.975037e+03	9.582086e+02	3.109843e+03	3.150853e+03	5.199784e+03
[35361]	4.085466e+03	1.746876e+03	4.754250e+03	3.686686e+03	5.123352e+03
[35366]	1.671583e+03	1.908405e+03	4.193540e+03	2.205871e+03	5.395178e+03
[35371]	6.106420e+03	1.027830e+03	3.059740e+03	3.019021e+02	4.209360e+03
[35376]	3.036605e+03	6.990351e+03	3.507981e+03	3.225823e+03	8.693636e+02
[35381]	2.682875e+03	1.083622e+03	4.624757e+03	1.673663e+03	4.262517e+03
[35386]	5.373560e+03	5.386975e+03	4.968863e+03	2.233100e+03	4.162465e+03
[35391]	2.756583e+03	3.658862e+03	1.963874e+03	1.498486e+03	3.348207e+03
[35396]	1.556951e+03	2.696533e+03	2.879163e+03	4.332531e+03	3.637926e+03
[35401]	1.501590e+03	1.520160e+03	3.176055e+03	3.928037e+03	3.788237e+03
[35406]	3.311179e+03	1.354954e+02	2.690494e+03	2.143477e+03	2.304260e+03
[35411]	3.972373e+03	5.434143e+02	4.265802e+03	3.552725e+03	4.468639e+03
[35416]	4.241778e+03	2.810704e+03	4.650531e+03	4.056107e+03	4.507360e+03
[35421]	7.682717e+02	2.141131e+03	3.832580e+03	4.429720e+03	2.851317e+03
[35426]	5.008037e+03	3.178746e+03	4.696618e+03	3.105913e+03	-6.766385e+02
[35431]	-2.859961e+02	2.774091e+03	3.739123e+03	3.548999e+03	4.351747e+03
[35436]	1.067126e+03	1.657666e+03	3.249617e+03	1.297314e+03	3.166372e+03
[35441]	2.388127e+03	4.284203e+03	2.397506e+03	5.064390e+03	2.708758e+02
[35446]	1.076959e+03	4.466706e+03	4.975909e+03	3.537121e+03	3.052947e+03
[35451]	3.200976e+03	3.206595e+03	2.930925e+03	2.886093e+03	4.739813e+03
[35456]	3.281877e+03	-2.963980e+02	4.870589e+03	3.117431e+03	4.285403e+03
[35461]	2.012736e+03	2.699938e+03	2.880663e+03	4.497612e+03	5.678509e+03
[35466]	3.493608e+03	2.343065e+03	3.312912e+03	5.295242e+03	1.590523e+03
[35471]	3.527351e+03	3.469627e+03	2.661954e+03	1.421864e+03	1.401444e+03
[35476]	4.220886e+03	2.041640e+03	3.651263e+03	2.440923e+03	3.820528e+03
[35481]	4.462349e+03	4.686898e+03	4.074512e+03	2.884064e+03	1.035826e+03
[35486]	2.901341e+03	3.844151e+03	1.233402e+03	4.836456e+03	1.500665e+03
[35491]	2.121827e+03	-4.935775e+02	3.488115e+03	3.810884e+03	5.242102e+03
[35496]	5.408276e+03	2.585978e+03	6.419937e+03	9.104774e+02	1.550523e+03
[35501]	-1.799558e+02	3.871259e+03	2.531507e+03	2.185610e+03	4.676410e+03
[35506]	3.268190e+03	3.539913e+03	2.322756e+03	1.700190e+03	1.640466e+03
[35511]	2.200592e+03	3.895497e+03	1.701382e+03	1.430922e+03	5.501924e+03
[35516]	3.138389e+03	3.335798e+03	4.132052e+02	2.333713e+03	3.848061e+03

[35521]	2.966570e+03	4.204091e+03	2.638218e+03	4.595482e+03	-3.096485e+01
[35526]	1.937391e+03	4.820680e+03	2.726760e+03	2.721185e+03	4.100814e+03
[35531]	3.461072e+03	3.344354e+03	4.357341e+03	2.576888e+03	2.271891e+03
[35536]	3.869949e+03	5.510106e+03	3.742997e+03	2.572307e+03	5.104545e+03
[35541]	3.754450e+03	2.355554e+03	2.080885e+03	1.193032e+03	3.293235e+03
[35546]	-2.227389e+02	3.868033e+03	6.737661e+03	4.028985e+03	6.098139e+03
[35551]	2.905402e+03	1.825061e+03	1.947674e+03	1.652567e+03	3.791041e+03
[35556]	5.693913e+03	3.459956e+03	2.160457e+03	1.775530e+03	2.001482e+03
[35561]	3.588131e+03	2.366895e+03	-1.862510e+02	6.287683e+03	3.543833e+03
[35566]	5.138364e+03	2.209953e+03	3.819266e+03	3.616288e+03	6.380564e+03
[35571]	5.993004e+03	1.398652e+03	2.419607e+03	2.603243e+03	2.616644e+03
[35576]	5.160771e+03	3.018130e+03	3.936238e+03	5.254688e+03	3.866801e+03
[35581]	5.955827e+03	3.164511e+03	2.047189e+03	2.888658e+03	3.319724e+03
[35586]	5.194179e+03	4.343019e+03	4.667814e+03	1.270572e+03	1.706141e+03
[35591]	2.067025e+03	2.919712e+03	5.681754e+03	2.581920e+03	1.841008e+03
[35596]	4.458976e+03	2.218752e+03	3.430276e+03	4.559788e+03	4.860704e+03
[35601]	4.181910e+03	4.963590e+03	2.712866e+03	5.571406e+03	3.375067e+03
[35606]	5.789936e+03	4.588275e+03	5.693135e+03	5.774429e+03	3.198781e+03
[35611]	3.248024e+03	5.283103e+03	4.045113e+03	1.299589e+03	4.855077e+03
[35616]	-1.426117e+02	2.404173e+03	4.311332e+03	4.467324e+03	6.707511e+03
[35621]	8.380751e+02	3.150446e+03	2.648101e+03	-9.971693e+02	5.338622e+03
[35626]	5.240564e+03	2.792206e+03	4.930140e+03	1.355160e+03	2.971318e+03
[35631]	3.301751e+03	4.078881e+03	5.291192e+03	4.890233e+03	-3.890086e+02
[35636]	4.044718e+03	3.714822e+03	2.111987e+03	2.727354e+03	3.687391e+03
[35641]	3.917046e+03	3.717056e+03	4.472080e+03	6.135722e+03	2.048464e+03
[35646]	4.380299e+03	1.893813e+03	-1.154929e+03	7.693243e+02	4.511447e+02
[35651]	2.895214e+03	2.234011e+03	4.298624e+03	3.551547e+03	3.123360e+03
[35656]	5.146870e+02	2.956756e+03	2.997291e+03	3.793827e+03	4.818246e+03
[35661]	1.615016e+03	4.250796e+03	3.823303e+03	4.378888e+03	2.804972e+03
[35666]	3.265703e+03	2.320476e+03	2.788302e+03	3.023728e+03	3.092197e+03
[35671]	2.983376e+02	1.216481e+03	5.062778e+02	3.838905e+03	2.842070e+03
[35676]	2.561299e+03	4.039968e+03	1.444354e+03	5.267908e+03	1.023294e+03
[35681]	5.728370e+03	3.428864e+03	2.201705e+03	5.610612e+03	1.692827e+03
[35686]	3.184542e+03	3.798864e+03	4.437188e+03	5.460423e+03	2.987779e+03
[35691]	4.508445e+03	4.350519e+03	5.013865e+03	4.307020e+03	5.767016e+03
[35696]	3.414667e+03	1.784723e+03	4.779364e+03	2.281640e+03	6.954875e+02
[35701]	2.222377e+03	7.806783e+01	3.949352e+03	7.232360e+03	4.144061e+03
[35706]	3.520829e+03	3.703534e+03	3.048718e+03	3.743736e+03	1.951853e+03
[35711]	2.628419e+03	5.551790e+03	1.931235e+03	3.989054e+02	3.539347e+03
[35716]	4.045484e+03	6.986106e+03	2.471463e+03	4.791197e+03	6.753092e+03
[35721]	3.693548e+03	2.911104e+03	3.621264e+03	2.365283e+03	5.419175e+03
[35726]	3.800240e+03	4.044190e+03	7.484746e+02	3.640564e+02	4.844428e+03
[35731]	2.707317e+03	1.637118e+03	5.138197e+03	5.111197e+02	3.584368e+03

[35736]	4.524143e+03	2.887513e+03	3.470827e+03	2.777676e+03	4.326081e+03
[35741]	9.319713e+02	5.099062e+03	1.461151e+03	5.170612e+03	1.331908e+03
[35746]	2.767172e+03	5.064830e+03	3.422083e+03	2.905428e+03	3.688359e+03
[35751]	4.976858e+03	2.346176e+03	3.665640e+03	4.292889e+03	5.522498e+03
[35756]	3.257795e+03	1.996378e+03	3.985592e+03	1.313359e+03	2.067113e+03
[35761]	4.127179e+03	3.625327e+03	3.094745e+03	-1.500800e+01	5.047425e+03
[35766]	4.517873e+03	5.333870e+03	5.139996e+03	3.158012e+03	2.916524e+03
[35771]	2.865554e+02	4.617510e+03	1.607895e+03	1.993723e+03	3.711245e+03
[35776]	1.923113e+03	3.011587e+03	4.807937e+03	2.008696e+03	4.919352e+03
[35781]	4.273204e+02	1.272173e+03	2.785928e+03	3.748809e+03	3.234004e+03
[35786]	2.720812e+03	4.453410e+03	2.657929e+03	-1.209697e+03	3.096726e+03
[35791]	2.548019e+03	3.247909e+03	3.863312e+03	3.347772e+03	1.485741e+03
[35796]	2.194237e+03	3.370554e+03	3.597389e+03	1.501012e+03	2.524161e+02
[35801]	4.873422e+03	3.284824e+03	4.654084e+03	1.920380e+03	3.373969e+03
[35806]	4.530818e+03	3.074060e+03	4.778257e+03	3.848497e+03	3.243896e+03
[35811]	3.616100e+03	6.310833e+03	3.361012e+03	1.272073e+03	1.963334e+01
[35816]	3.344154e+03	5.287444e+02	6.170378e+03	2.970822e+03	4.068233e+03
[35821]	3.753804e+03	4.333161e+03	2.530511e+03	3.392067e+03	3.805965e+03
[35826]	3.356174e+03	4.014424e+03	4.678091e+03	2.016511e+03	6.080874e+03
[35831]	3.340954e+03	2.532198e+03	1.444620e+03	4.054286e+03	3.537951e+03
[35836]	6.818959e+02	4.062759e+03	3.561475e+03	2.400717e+03	4.037464e+03
[35841]	5.597906e+03	-4.098305e+02	1.996038e+03	3.829458e+03	7.644365e+02
[35846]	3.834588e+03	5.318452e+03	4.499819e+03	4.448542e+03	2.367126e+03
[35851]	8.231233e+03	3.062469e+03	3.703249e+03	3.653794e+03	1.290573e+03
[35856]	8.236226e+02	3.021987e+03	2.048526e+03	3.544639e+03	6.569099e+03
[35861]	3.400317e+03	2.931694e+03	4.908439e+03	3.039189e+02	2.715624e+03
[35866]	4.031190e+03	5.994213e+03	5.702581e+03	5.310492e+03	3.919431e+03
[35871]	4.482499e+03	3.620068e+03	3.685849e+02	1.962816e+03	3.263834e+03
[35876]	3.026796e+03	1.833035e+03	3.244270e+03	2.631952e+03	1.452219e+03
[35881]	1.071432e+03	1.079852e+03	-7.638985e+02	1.469463e+03	2.910927e+03
[35886]	4.499999e+03	2.755636e+03	4.077381e+03	2.000752e+03	5.407424e+03
[35891]	2.074497e+03	1.579403e+03	2.730867e+03	3.785353e+03	5.238924e+03
[35896]	1.705140e+03	3.313585e+03	1.102340e+03	3.533276e+03	2.675110e+02
[35901]	1.857944e+03	3.693529e+03	2.680465e+03	4.265701e+03	4.082550e+03
[35906]	5.726967e+03	8.880167e+02	3.075009e+03	3.572417e+03	3.346626e+03
[35911]	1.267483e+03	2.578815e+03	4.428017e+03	3.807046e+03	2.802613e+01
[35916]	2.875938e+03	2.094651e+03	1.623396e+03	3.703674e+03	4.725462e+03
[35921]	3.270983e+03	5.160308e+03	5.479787e+03	5.368619e+03	4.485542e+03
[35926]	1.335620e+03	2.281512e+03	1.738008e+03	1.964891e+03	1.545065e+03
[35931]	1.778017e+03	3.881815e+03	5.750510e+02	6.577859e+03	5.108296e+03
[35936]	8.669088e+02	2.623706e+03	4.022028e+03	3.995785e+03	4.758548e+03
[35941]	3.907261e+03	3.868617e+03	1.919428e+03	2.800199e+03	3.498824e+03
[35946]	2.040934e+03	5.235640e+03	5.530727e+03	2.512697e+03	-2.476552e+02



[35951]	3.725083e+03	4.251905e+03	5.714197e+03	4.052742e+03	1.961820e+03
[35956]	3.479667e+03	3.129876e+03	1.720696e+03	3.805215e+03	3.910962e+03
[35961]	4.850918e+03	2.030796e+02	3.430962e+03	5.185106e+03	4.399304e+03
[35966]	5.920098e+00	3.059790e+03	3.045359e+03	3.877429e+03	2.125697e+03
[35971]	4.729241e+03	4.258930e+03	5.548126e+03	3.767469e+03	7.333308e+02
[35976]	6.805370e+03	3.108683e+03	2.267313e+03	1.171071e+03	6.328497e+03
[35981]	3.156019e+03	2.786174e+03	2.139793e+03	3.497461e+03	-1.146425e+03
[35986]	4.597281e+03	1.965916e+03	6.247376e+03	3.335398e+03	2.398373e+03
[35991]	1.368817e+03	2.752611e+03	6.487086e+03	-3.661430e+02	5.358496e+03
[35996]	2.762287e+03	3.396049e+03	4.126476e+03	1.060131e+03	3.078563e+03
[36001]	6.798483e+03	1.984569e+03	1.402341e+03	4.166739e+03	6.291083e+03
[36006]	3.788642e+03	6.122089e+03	5.208456e+03	3.668271e+03	6.394083e+03
[36011]	2.601944e+03	5.466881e+03	1.748286e+03	5.085559e+03	3.138038e+03
[36016]	-1.612726e+01	5.122838e+03	2.957896e+02	2.820951e+03	3.055007e+03
[36021]	4.633772e+03	4.373764e+03	1.508361e+03	2.474418e+03	2.377029e+03
[36026]	1.347070e+03	1.674969e+03	3.412137e+03	6.038986e+03	-1.629582e+03
[36031]	1.255747e+03	4.921702e+03	1.613935e+03	1.410145e+03	4.458709e+02
[36036]	1.362694e+03	4.567137e+03	2.051570e+03	7.587134e+02	1.749752e+03
[36041]	2.639659e+03	6.211420e+03	5.745344e+03	2.556501e+03	1.847996e+03
[36046]	4.233470e+03	1.957430e+03	2.810223e+03	3.096019e+03	5.153199e+03
[36051]	4.971494e+03	3.117891e+03	4.993424e+03	4.098596e+03	7.622619e+02
[36056]	-1.573631e+03	2.549208e+03	6.482870e+03	3.854772e+03	9.012476e+02
[36061]	2.520356e+03	1.910211e+03	4.928423e+03	4.813925e+03	3.194693e+03
[36066]	2.909604e+03	3.022264e+03	1.431730e+03	1.037820e+03	4.449676e+03
[36071]	4.436413e+03	5.990990e+03	4.198295e+03	2.937837e+03	2.488860e+03
[36076]	4.400642e+03	1.112675e+03	5.991554e+03	1.118605e+03	1.541735e+03
[36081]	5.773063e+03	3.665508e+03	-3.795376e+01	3.350634e+03	2.970201e+03
[36086]	4.046174e+03	5.703574e+03	6.001411e+03	1.697155e+03	1.053973e+03
[36091]	3.828737e+03	3.249802e+03	2.240647e+03	1.637831e+03	3.129892e+03
[36096]	2.694225e+03	3.813036e+03	2.473415e+03	2.524617e+02	5.305181e+03
[36101]	2.296114e+03	2.492309e+03	1.748375e+03	2.301421e+03	2.237155e+03
[36106]	2.898434e+03	1.738735e+03	3.898993e+03	2.678806e+03	5.207990e+03
[36111]	3.308909e+03	3.239410e+03	2.812920e+03	2.754375e+03	1.739135e+03
[36116]	3.254431e+03	1.419085e+03	2.883339e+03	2.663957e+03	3.474964e+03
[36121]	5.836757e+03	5.526960e+03	3.986025e+03	1.602468e+03	2.280036e+03
[36126]	3.545295e+03	3.753171e+03	4.151076e+03	3.335123e+03	3.408813e+03
[36131]	3.966774e+03	4.432525e+03	4.421629e+03	1.105867e+03	3.708150e+03
[36136]	5.714674e+03	6.755471e+03	6.936091e+03	4.700875e+03	1.950523e+03
[36141]	6.332790e+03	3.473955e+03	9.672048e+02	4.155437e+03	2.142858e+03
[36146]	4.219681e+03	4.166770e+03	2.595784e+03	1.124496e+03	1.931049e+03
[36151]	1.641645e+03	2.105888e+03	3.943142e+03	3.953480e+03	2.000369e+03
[36156]	5.217146e+03	2.373975e+03	3.393968e+03	1.869605e+03	5.501441e+03
[36161]	3.234211e+03	3.233762e+03	4.304744e+03	3.636082e+03	4.421873e+03

[36166]	3.749306e+03	3.022563e+03	5.319147e+03	2.830137e+03	2.033902e+03
[36171]	2.338280e+03	4.052608e+03	2.873440e+03	3.822758e+03	5.403055e+03
[36176]	4.887126e+03	1.740552e+03	2.768667e+03	2.494551e+03	3.806107e+03
[36181]	4.321359e+03	5.026714e+03	5.363244e+03	2.038129e+03	1.189063e+03
[36186]	1.798762e+03	2.820706e+03	4.609400e+02	2.619477e+03	2.591262e+03
[36191]	-3.571660e+02	2.848630e+03	2.978092e+03	2.832885e+03	2.807021e+03
[36196]	8.005905e+02	4.842424e+03	4.344838e+03	2.372225e+03	3.419395e+03
[36201]	4.157279e+03	3.675970e+03	8.717441e+02	2.092081e+03	4.965065e+03
[36206]	3.927466e+03	4.754294e+03	2.059730e+03	8.684363e+03	2.567208e+03
[36211]	3.154594e+03	2.793102e+03	3.910034e+03	6.329323e+03	3.678818e+03
[36216]	3.262523e+03	4.521537e+03	3.788667e+03	3.797191e+03	4.128397e+03
[36221]	2.456560e+03	3.351740e+03	4.256984e+03	3.693709e+03	4.389786e+03
[36226]	3.413871e+03	1.423426e+03	4.021138e+03	4.622157e+03	3.295503e+03
[36231]	2.704851e+03	3.997972e+03	3.437478e+03	2.095039e+03	-2.121839e+02
[36236]	1.836872e+02	4.138288e+03	3.204142e+03	2.652636e+03	3.834854e+03
[36241]	1.811291e+03	5.249819e+03	3.011459e+03	2.585628e+03	4.991663e+03
[36246]	2.049951e+03	2.343567e+03	2.638104e+03	4.424286e+02	2.266211e+03
[36251]	3.155907e+03	1.522929e+02	2.380937e+03	2.294892e+03	1.723492e+03
[36256]	5.394894e+02	3.516007e+03	3.938875e+03	2.049894e+03	5.790294e+03
[36261]	4.312263e+03	4.523462e+03	2.321792e+03	2.581950e+03	2.764675e+03
[36266]	3.275592e+03	1.474352e+03	3.317936e+03	2.460131e+03	4.256668e+03
[36271]	5.805975e+03	2.258632e+03	4.626699e+03	-1.119711e+02	5.104531e+03
[36276]	5.563515e+02	5.724385e+02	3.862535e+03	3.307829e+03	1.947857e+03
[36281]	1.702652e+03	3.956813e+03	2.112890e+03	2.740953e+03	2.826962e+03
[36286]	2.100715e+03	5.899058e+03	4.499214e+03	3.066217e+03	1.918072e+03
[36291]	2.487793e+02	9.218197e+02	1.292212e+03	3.645344e+03	6.062737e+03
[36296]	2.369488e+03	2.940218e+03	4.630288e+03	5.538664e+03	2.865560e+03
[36301]	4.496830e+03	2.559177e+03	3.552907e+03	2.560179e+02	5.170678e+03
[36306]	3.224143e+03	3.356357e+03	3.616524e+03	4.791195e+03	4.137073e+03
[36311]	3.932233e+03	3.740083e+03	3.368680e+03	5.796129e+03	5.244607e+03
[36316]	3.816378e+03	4.169649e+03	2.176276e+03	8.887804e+02	2.477407e+03
[36321]	3.715929e+03	4.247369e+03	2.747701e+03	6.338016e+03	1.190109e+03
[36326]	3.540722e+03	4.421357e+03	5.008263e+03	3.777307e+03	3.852224e+03
[36331]	4.159097e+03	2.847386e+03	2.239682e+03	4.464066e+03	5.399232e+03
[36336]	7.378278e+03	4.089343e+03	3.375925e+03	3.501633e+03	5.630919e+03
[36341]	1.958887e+03	2.104528e+03	3.245995e+03	-7.624557e+02	3.242385e+03
[36346]	5.778687e+03	4.449161e+03	3.656025e+03	5.027837e+03	1.834467e+03
[36351]	1.818246e+03	3.135007e+03	2.306618e+02	1.945451e+03	2.168395e+03
[36356]	3.528989e+03	2.844303e+03	3.745305e+03	1.764941e+03	-1.948631e+03
[36361]	2.527135e+03	3.611637e+03	2.983964e+03	4.023567e+03	3.272471e+03
[36366]	2.751553e+03	3.226820e+03	4.341215e+03	-8.230360e+02	3.607974e+03
[36371]	2.075717e+03	2.798793e+03	2.260930e+03	3.468040e+03	2.648543e+03
[36376]	3.258201e+03	5.396573e+03	3.156792e+03	2.738501e+03	5.515168e+03

[36381]	3.188442e+03	2.600571e+03	5.150738e+03	5.578206e+03	3.966103e+03
[36386]	4.211865e+03	3.375169e+03	3.120631e+03	3.946211e+03	4.678368e+03
[36391]	5.490392e+03	8.068001e+02	1.965850e+03	5.019230e+03	1.512669e+03
[36396]	2.505674e+03	3.928923e+03	3.735551e+03	1.522863e+03	1.343573e+03
[36401]	1.985977e+03	5.048178e+03	6.787005e+02	4.151189e+03	3.145604e+03
[36406]	2.178558e+02	2.947717e+03	1.716007e+03	4.234843e+03	3.294864e+03
[36411]	2.768439e+03	2.796440e+03	1.974053e+03	4.431940e+02	3.446425e+03
[36416]	3.344370e+03	6.953466e+03	2.174367e+03	5.664507e+03	9.688236e+02
[36421]	2.659802e+03	1.398963e+03	3.286969e+03	3.256300e+03	2.940853e+03
[36426]	2.549384e+03	2.228549e+03	3.927905e+03	3.240793e+03	5.052071e+03
[36431]	4.963372e+03	-1.118896e+02	2.404272e+03	4.789081e+03	5.576360e+03
[36436]	2.710778e+03	8.299118e+02	4.326012e+03	6.672438e+02	1.214390e+03
[36441]	5.650991e+03	3.990553e+03	2.320084e+03	6.190110e+01	2.805004e+03
[36446]	2.326809e+03	3.254023e+03	4.422374e+03	2.390009e+03	2.539704e+03
[36451]	2.476576e+03	6.257945e+03	3.404569e+03	6.081587e+03	4.593603e+03
[36456]	4.062551e+03	4.498884e+03	3.814125e+03	4.429757e+03	5.141822e+03
[36461]	4.546536e+03	1.669034e+03	2.993841e+03	5.025165e+03	2.982616e+03
[36466]	5.444878e+03	3.171255e+03	3.511562e+03	2.702154e+03	3.555949e+03
[36471]	1.602672e+03	1.337543e+03	4.117163e+03	3.636832e+03	3.949283e+03
[36476]	2.903776e+03	2.803109e+03	2.802902e+03	6.378409e+03	1.662609e+03
[36481]	4.416584e+03	2.299014e+03	2.816165e+03	8.220205e+03	3.548436e+03
[36486]	-1.142614e+03	3.978251e+03	3.446735e+03	4.466839e+03	2.552606e+03
[36491]	2.819710e+03	7.237630e+03	2.677190e+03	2.645265e+03	2.732475e+03
[36496]	4.595147e+03	9.917589e+02	-2.955462e+02	5.874053e+02	1.870254e+03
[36501]	4.333923e+03	4.128515e+03	3.583395e+03	3.469084e+03	4.752886e+03
[36506]	5.096546e+03	3.371561e+03	4.521321e+03	3.679111e+03	2.074751e+03
[36511]	6.564481e+02	3.635718e+03	6.016661e+03	3.800358e+03	3.937747e+03
[36516]	1.551562e+03	1.506720e+03	5.832507e+03	5.810909e+03	2.037481e+03
[36521]	3.556504e+03	2.641559e+03	1.698251e+03	2.339590e+03	2.328580e+03
[36526]	5.556963e+03	3.778746e+03	1.768744e+03	3.867621e+03	4.425579e+03
[36531]	4.232472e+03	2.938190e+03	2.602418e+03	5.684123e+02	-3.191836e+02
[36536]	3.322815e+03	6.604589e+03	2.105396e+03	3.469514e+03	1.958610e+03
[36541]	4.370611e+03	2.448452e+03	3.310591e+03	7.302748e+03	3.324864e+03
[36546]	3.635772e+03	2.899379e+03	1.829204e+03	3.902334e+03	2.981022e+03
[36551]	4.597894e+03	2.198139e+03	2.214594e+03	3.698627e+03	3.309136e+03
[36556]	3.949015e+02	2.962469e+03	5.347787e+03	2.322475e+03	7.857047e+02
[36561]	3.244099e+03	4.885816e+03	4.109709e+03	2.286582e+03	3.598034e+03
[36566]	2.749810e+03	3.652613e+03	1.810112e+03	1.119489e+03	3.579518e+03
[36571]	2.637878e+03	4.581029e+03	1.354243e+03	8.389684e+02	4.852143e+03
[36576]	2.394991e+03	5.899353e+03	3.966370e+03	6.067772e+03	3.665721e+03
[36581]	2.663559e+03	2.327742e+03	4.326606e+03	3.899292e+03	3.456545e+03
[36586]	2.956051e+03	3.357683e+03	7.119534e+02	4.177813e+03	3.990699e+03
[36591]	4.941986e+03	3.628658e+03	4.607894e+03	3.521572e+03	3.941469e+03

[36596]	5.720074e+03	6.082983e+02	2.868624e+03	4.740960e+02	1.877883e+03
[36601]	5.556075e+03	9.111743e+02	1.838952e+03	3.829914e+03	1.752247e+03
[36606]	5.049747e+03	7.869168e+03	2.910649e+03	4.422676e+03	1.480305e+03
[36611]	4.510538e+03	2.108114e+02	3.687102e+03	2.350245e+03	2.149179e+03
[36616]	3.621419e+03	3.595579e+03	6.389902e+03	6.185705e+02	1.511833e+03
[36621]	5.216293e+03	1.718992e+03	1.374147e+03	4.317571e+03	4.124222e+03
[36626]	4.321169e+03	2.037136e+03	2.722912e+03	1.688216e+03	1.633044e+03
[36631]	3.152307e+03	6.683622e+02	2.523207e+03	2.466115e+03	1.347997e+03
[36636]	5.319741e+03	5.154490e+03	4.084278e+03	1.472311e+03	2.024207e+03
[36641]	2.770958e+03	2.888245e+03	-1.008538e+02	1.681178e+03	4.639965e+03
[36646]	3.355685e+03	2.781833e+03	4.387213e+03	3.426274e+03	1.374740e+03
[36651]	2.496860e+03	1.893833e+03	5.721542e+03	6.824028e+03	2.917425e+03
[36656]	-2.195728e+03	2.166388e+03	2.683568e+03	5.229792e+02	3.530807e+03
[36661]	2.280467e+03	1.621814e+03	1.490595e+03	3.195929e+03	5.514378e+03
[36666]	4.241423e+03	4.439028e+03	1.475613e+03	2.932835e+03	3.680336e+03
[36671]	4.801359e+03	2.765059e+03	3.815095e+03	2.671196e+03	2.009099e+03
[36676]	4.363404e+03	5.795582e+02	1.194263e+03	2.548574e+03	1.814961e+03
[36681]	1.602738e+03	3.331853e+03	4.090505e+03	2.104682e+03	6.511881e+02
[36686]	2.458402e+03	1.608838e+03	5.214416e+03	2.176097e+03	3.652183e+03
[36691]	6.424959e+03	2.840854e+03	-3.239863e+02	5.979557e+03	5.632775e+03
[36696]	2.613881e+03	1.002974e+03	3.409240e+03	3.341623e+03	3.323994e+03
[36701]	2.783034e+03	2.487124e+03	6.421318e+03	3.630625e+03	6.775666e+03
[36706]	3.416643e+03	3.381401e+03	3.450484e+03	4.495534e+03	5.432110e+03
[36711]	9.388467e+02	1.542451e+03	2.004763e+03	3.810353e+02	3.086054e+03
[36716]	1.056320e+03	4.624775e+03	3.226763e+03	3.036615e+03	3.525657e+03
[36721]	4.607567e+03	5.025766e+03	2.133297e+03	6.101199e+02	2.599169e+02
[36726]	-3.708806e+01	7.209201e+02	4.092968e+03	5.283377e+03	2.255737e+03
[36731]	-4.674010e+02	2.396109e+03	2.930138e+03	1.778681e+03	2.810439e+03
[36736]	3.971616e+03	7.220500e+03	3.518482e+03	1.012299e+03	1.307966e+03
[36741]	1.962944e+03	6.634032e+03	2.503248e+03	9.593289e+02	2.473948e+03
[36746]	2.046427e+03	3.892607e+03	3.786716e+03	3.355963e+03	4.577054e+03
[36751]	2.893930e+03	1.618907e+03	2.440101e+03	6.128461e+03	1.911467e+03
[36756]	1.586739e+03	3.304169e+03	2.614750e+03	4.195782e+03	1.673381e+03
[36761]	1.710637e+03	2.088161e+03	4.378734e+03	4.849909e+03	3.392883e+03
[36766]	4.695337e+03	5.047508e+03	1.575945e+03	2.751630e+03	3.123261e+03
[36771]	3.329821e+03	4.142593e+03	3.471850e+03	4.010375e+03	2.676037e+03
[36776]	9.640075e+01	3.735557e+03	2.155155e+03	4.382569e+03	3.398812e+03
[36781]	2.907706e+03	5.766168e+03	1.531684e+03	1.790761e+03	3.047580e+03
[36786]	3.701917e+03	2.988492e+03	5.097034e+03	2.704166e+03	1.329470e+03
[36791]	5.237074e+03	3.418992e+03	3.587691e+03	4.304915e+03	1.782556e+03
[36796]	3.110621e+03	2.408720e+03	3.837636e+03	6.517997e+03	2.280309e+03
[36801]	9.460026e+02	1.489257e+03	-1.457963e+03	5.637948e+03	2.869480e+03
[36806]	2.448034e+03	4.869613e+03	2.923311e+03	4.644865e+03	3.100020e+03

[36811]	3.002567e+03	4.030696e+03	3.215695e+03	3.733720e+03	2.383956e+03
[36816]	3.224147e+03	5.668487e+03	7.400629e+02	1.461697e+03	3.984734e+03
[36821]	2.219211e+03	4.450377e+03	2.680669e+03	2.009782e+03	1.783418e+03
[36826]	2.578024e+03	3.994056e+03	-1.159870e+02	3.068645e+03	4.095105e+02
[36831]	2.072803e+03	6.850262e+02	3.692398e+02	2.270858e+02	2.110937e+03
[36836]	6.038040e+03	6.016433e+03	1.869082e+03	-1.984123e+03	2.469685e+03
[36841]	3.157780e+02	4.719652e+03	2.792349e+03	2.925605e+03	3.153352e+03
[36846]	3.400862e+03	2.449566e+03	5.131570e+03	2.235191e+03	1.808765e+03
[36851]	4.572712e+03	5.963286e+03	2.804648e+03	2.854443e+03	1.150433e+03
[36856]	2.102928e+03	3.856593e+03	2.107779e+03	4.275102e+03	2.990312e+03
[36861]	3.959648e+03	5.689531e+03	6.442083e+03	2.978460e+03	4.295568e+03
[36866]	3.779054e+03	6.139984e+03	4.066154e+03	1.794549e+03	5.014619e+03
[36871]	2.777519e+03	3.443551e+03	2.547754e+03	2.957517e+03	4.649643e+03
[36876]	1.639325e+03	3.815861e+03	3.479275e+03	4.513777e+03	5.239330e+03
[36881]	4.114065e+03	2.183981e+03	2.950543e+03	1.796000e+03	1.472124e+03
[36886]	3.962946e+03	2.523974e+02	4.931254e+03	5.154261e+03	4.593920e+03
[36891]	5.438781e+03	1.261860e+03	2.245814e+03	3.372499e+03	4.460953e+03
[36896]	7.273705e+03	3.152625e+03	4.250532e+03	3.652763e+03	3.735369e+03
[36901]	2.132658e+03	3.009130e+03	3.607872e+03	3.593496e+03	4.945605e+03
[36906]	3.324404e+03	1.202854e+03	4.261901e+03	4.370895e+03	4.576965e+03
[36911]	2.357641e+03	6.127453e+03	2.483481e+03	2.323993e+03	5.123407e+03
[36916]	1.060309e+03	4.899141e+03	1.505239e+03	3.902846e+03	7.547676e+03
[36921]	6.634898e+03	1.617866e+03	2.980222e+03	3.464485e+03	4.911825e+03
[36926]	5.614488e+03	9.674007e+02	3.425685e+03	3.818514e+03	3.276886e+03
[36931]	5.267764e+03	4.284281e+03	3.579563e+03	1.425981e+03	5.494204e+03
[36936]	3.488790e+02	5.359956e+03	2.977126e+03	4.210936e+03	4.896077e+03
[36941]	4.705752e+03	4.085181e+03	1.722419e+03	1.619819e+03	1.539886e+03
[36946]	6.448810e+03	5.161182e+03	4.994471e+03	3.059440e+03	3.905055e+03
[36951]	6.013115e+03	5.939823e+03	3.372661e+03	3.482525e+03	5.054596e+02
[36956]	3.350674e+03	3.505931e+03	5.698961e+03	3.919543e+03	3.004654e+03
[36961]	3.383286e+03	4.948165e+03	2.705665e+03	4.302264e+03	3.605489e+03
[36966]	6.189316e+03	3.798532e+03	4.261246e+03	3.030220e+03	9.900009e+02
[36971]	2.653417e+03	2.214598e+03	2.133374e+03	3.984691e+03	5.066534e+03
[36976]	3.249635e+03	7.039677e+03	4.245402e+03	1.846774e+03	1.891604e+03
[36981]	5.212599e+03	1.618159e+03	3.293173e+03	5.558337e+03	3.404990e+03
[36986]	5.367650e+03	4.842642e+03	6.390352e+02	7.461821e+03	3.109830e+03
[36991]	3.689852e+03	6.211495e+03	3.426956e+03	2.053409e+03	3.455659e+03
[36996]	4.191753e+03	2.335161e+03	2.859827e+03	1.590653e+03	2.302458e+03
[37001]	2.223825e+03	3.308300e+03	3.961677e+02	2.504311e+03	4.833554e+03
[37006]	1.524507e+03	3.678290e+03	5.539490e+03	4.394715e+02	5.523977e+02
[37011]	4.251850e+03	3.933876e+03	1.649729e+03	2.026683e+03	3.868091e+03
[37016]	3.326776e+03	3.642753e+03	5.185715e+03	3.105395e+03	1.688257e+03
[37021]	1.569773e+03	3.377312e+03	4.248896e+03	4.620555e+03	2.911794e+03

[37026]	4.522088e+03	3.752277e+03	4.530758e+03	2.763831e+03	2.444965e+03
[37031]	6.623456e+02	2.615492e+03	2.107379e+03	2.515712e+03	5.491540e+03
[37036]	1.055961e+03	3.127873e+03	2.212343e+03	4.040109e+03	3.298440e+03
[37041]	1.372763e+03	3.805306e+03	4.543771e+02	2.763127e+03	3.235743e+03
[37046]	1.393692e+03	3.585969e+03	8.159520e+02	1.806491e+03	1.848288e+03
[37051]	2.762824e+03	1.548293e+03	5.852340e+03	5.321594e+03	2.983300e+03
[37056]	1.649455e+03	3.263497e+03	1.480173e+03	4.857031e+03	4.082453e+03
[37061]	5.307788e+03	3.541397e+03	4.959760e+03	9.806838e+02	3.072020e+03
[37066]	5.885929e+03	5.839402e+03	4.816731e+03	2.780415e+03	2.550548e+03
[37071]	2.895265e+03	2.181403e+03	3.965876e+03	4.422484e+03	3.308660e+03
[37076]	1.115870e+03	1.925624e+03	4.835268e+03	4.469873e+03	4.531475e+03
[37081]	2.117991e+03	3.853790e+03	1.434920e+03	6.180145e+02	5.234232e+03
[37086]	3.139611e+03	-1.385491e+03	3.390830e+03	5.142988e+03	4.125787e+03
[37091]	2.571906e+03	2.079441e+03	3.023263e+03	2.019630e+03	-4.960643e+02
[37096]	5.193834e+03	5.513185e+03	4.197746e+03	4.679668e+03	1.431561e+03
[37101]	5.316998e+03	2.824083e+03	3.140764e+03	1.283287e+03	1.808219e+03
[37106]	3.011948e+03	4.876523e+03	6.132500e+03	4.178525e+03	2.704898e+03
[37111]	4.589003e+03	4.764485e+03	3.319426e+03	4.867997e+03	2.491190e+03
[37116]	4.908291e+03	2.879636e+03	3.158061e+03	4.275101e+03	1.614094e+03
[37121]	2.064009e+02	1.892493e+03	3.610191e+03	1.360601e+03	2.849772e+03
[37126]	5.650359e+03	1.153780e+03	4.974734e+02	2.449684e+03	1.512032e+03
[37131]	-3.086341e+02	3.830089e+03	2.528528e+03	6.158160e+03	3.540326e+03
[37136]	2.224991e+03	4.376077e+03	2.378836e+03	3.467123e+03	2.314982e+03
[37141]	3.500522e+03	4.422796e+03	5.207357e+03	1.133344e+03	3.636443e+03
[37146]	4.525208e+03	2.685401e+03	6.585523e+03	4.436059e+03	3.322039e+03
[37151]	4.494977e+03	5.291695e+03	3.110009e+03	1.672335e+03	3.847502e+03
[37156]	1.016181e+03	4.088639e+03	2.754268e+03	3.428064e+03	2.353971e+03
[37161]	3.456887e+03	3.903157e+03	3.167643e+03	1.897762e+03	3.358947e+03
[37166]	4.738192e+03	5.361168e+03	1.827846e+03	2.316892e+03	-1.879361e+02
[37171]	5.130863e+03	7.496154e+02	5.771816e+03	3.903815e+03	4.593271e+02
[37176]	1.594742e+03	5.865826e+03	2.882608e+03	4.513366e+03	3.042114e+03
[37181]	2.689882e+03	6.133933e+03	1.635112e+03	3.773648e+03	2.115463e+03
[37186]	1.909129e+03	1.518994e+03	2.922267e+03	1.357967e+03	1.101853e+03
[37191]	1.479677e+03	5.187047e+03	7.592329e+02	5.037785e+03	3.419975e+03
[37196]	5.205209e+03	3.195073e+03	8.472387e+02	2.037577e+03	2.496079e+03
[37201]	4.847042e+03	1.642485e+03	4.035956e+03	2.945130e+02	1.927174e+03
[37206]	6.672556e+03	1.667709e+03	5.149517e+03	-2.857876e+02	2.694367e+03
[37211]	3.652271e+03	4.409548e+03	-1.234646e+02	5.737582e+03	4.272603e+03
[37216]	4.295084e+03	3.046995e+03	4.777390e+03	1.154484e+03	-2.469665e+02
[37221]	1.581799e+03	1.734205e+03	5.426813e+03	1.514219e+03	1.231218e+03
[37226]	2.365185e+03	6.125048e+03	1.304351e+03	5.951467e+03	5.048895e+03
[37231]	1.676911e+03	6.142665e+03	4.124357e+03	4.052321e+03	2.652176e+03
[37236]	4.202342e+03	2.903172e+03	2.990318e+03	1.924712e+03	2.343598e+03

[37241]	4.022495e+03	3.459434e+03	4.483307e+03	3.635390e+03	1.786684e+03
[37246]	3.547967e+03	2.825784e+03	3.910085e+03	2.284473e+03	2.956916e+03
[37251]	3.108809e+03	3.774016e+03	1.261191e+03	1.501749e+03	3.124913e+03
[37256]	4.387458e+03	2.815823e+03	1.485763e+03	1.513977e+03	5.582850e+03
[37261]	1.152246e+03	3.112235e+03	3.854820e+03	-8.830735e+01	2.384554e+03
[37266]	2.104421e+03	5.059077e+03	4.462394e+03	2.052370e+03	1.316145e+03
[37271]	1.948029e+03	3.549236e+03	2.489236e+03	2.153583e+03	1.320315e+03
[37276]	3.876419e+03	3.644115e+03	2.481516e+03	5.624321e+03	1.731568e+02
[37281]	4.387809e+03	1.445757e+03	3.837702e+03	1.868869e+03	5.180095e+03
[37286]	2.385447e+03	4.237096e+03	1.361714e+03	6.270000e+03	3.308504e+03
[37291]	3.885787e+03	5.291103e+03	2.238635e+03	3.177541e+03	3.505931e+03
[37296]	1.605009e+03	7.465163e+03	2.277945e+03	1.826722e+03	9.513436e+02
[37301]	4.425094e+03	3.148292e+03	3.609611e+03	3.436638e+03	5.213124e+03
[37306]	2.307940e+03	3.525448e+03	3.412431e+03	3.200283e+03	2.807491e+03
[37311]	5.332407e+03	4.203631e+03	6.352208e+03	4.629091e+03	3.055236e+03
[37316]	5.585552e+03	5.315401e+03	2.985975e+03	4.339475e+03	1.833230e+03
[37321]	1.580440e+03	6.200680e+03	3.613405e+03	4.645136e+03	4.679378e+03
[37326]	4.452796e+03	3.531961e+03	1.298387e+03	4.231231e+03	3.891273e+02
[37331]	4.671788e+03	2.923513e+03	5.057459e+03	2.289420e+03	3.345656e+03
[37336]	3.697611e+03	1.199274e+03	5.494866e+02	1.249165e+03	4.452256e+03
[37341]	4.550696e+03	4.760005e+03	1.411642e+03	3.481749e+03	2.975471e+03
[37346]	9.654893e+02	1.387288e+03	4.241678e+03	3.057024e+03	4.219506e+03
[37351]	3.187856e+03	3.106930e+03	4.251016e+03	2.794355e+03	2.544881e+03
[37356]	1.151845e+01	3.297828e+03	3.942722e+03	2.457220e+02	1.887529e+03
[37361]	3.817736e+03	2.732758e+03	4.904942e+03	2.207437e+03	6.477167e+03
[37366]	3.143390e+03	5.549737e+03	5.172227e+03	2.092603e+03	4.084981e+03
[37371]	3.614321e+03	4.459973e+03	1.515362e+03	1.580677e+03	2.486048e+03
[37376]	5.308564e+03	4.478049e+03	4.067104e+03	3.825473e+03	2.885072e+03
[37381]	4.900545e+03	2.040818e+03	1.927187e+03	2.517329e+03	3.859957e+03
[37386]	3.295427e+03	3.093170e+03	2.657891e+03	2.553573e+02	2.078948e+03
[37391]	3.898779e+03	2.385732e+03	2.732925e+03	3.915158e+03	1.725245e+03
[37396]	4.940986e+02	1.948072e+03	2.788478e+03	5.476162e+03	3.433240e+03
[37401]	4.024439e+03	3.255304e+03	4.968184e+03	1.992230e+03	5.574553e+03
[37406]	1.388908e+03	3.786458e+03	9.257581e+02	1.630432e+03	7.990569e+03
[37411]	3.580466e+03	-1.748680e+02	5.517380e+03	4.050755e+03	3.842755e+03
[37416]	3.748285e+03	4.435880e+03	4.710954e+01	2.992758e+03	2.533812e+03
[37421]	3.371163e+03	3.689589e+03	4.538039e+03	3.111593e+03	3.206780e+03
[37426]	2.697455e+03	2.822978e+03	2.002581e+03	4.344148e+02	3.783365e+03
[37431]	4.195059e+03	3.606544e+03	2.905558e+03	4.440555e+03	4.288265e+03
[37436]	5.472129e+03	4.402387e+03	2.351326e+03	3.102751e+03	2.899158e+03
[37441]	2.101644e+03	2.743144e+03	4.047787e+03	2.726082e+03	7.078471e+03
[37446]	2.755811e+03	4.677876e+03	3.407827e+03	6.130342e+03	2.627790e+03
[37451]	1.761528e+03	5.454099e+03	1.886923e+03	1.893633e+03	3.267129e+03

[37456]	1.279539e+03	3.477919e+03	2.222755e+03	4.688918e+03	1.573055e+03
[37461]	3.981036e+03	4.337820e+03	2.445578e+03	1.827640e+03	3.952348e+03
[37466]	1.473299e+03	8.931115e+02	3.831737e+03	4.024024e+03	4.650820e+03
[37471]	1.562274e+03	3.483818e+03	3.632948e+03	1.786711e+03	4.756926e+03
[37476]	5.442658e+03	2.638910e+03	3.919819e+03	1.276734e+02	3.791828e+03
[37481]	2.364928e+03	6.139188e+03	4.529671e+03	1.314283e+03	4.743013e+03
[37486]	1.763524e+03	3.436711e+03	3.137965e+03	4.139618e+03	4.715161e+03
[37491]	2.719999e+03	1.732661e+03	7.428052e+02	3.646140e+03	6.203811e+02
[37496]	2.656429e+03	-2.717437e+02	2.318841e+03	3.572287e+03	1.498568e+03
[37501]	1.296049e+03	2.974146e+03	2.498940e+03	4.132921e+03	1.787525e+03
[37506]	2.938021e+03	4.365139e+03	2.946912e+03	4.056814e+03	3.526347e+03
[37511]	2.649732e+03	3.255366e+03	2.415533e+03	3.957309e+03	-6.778468e+02
[37516]	2.401706e+03	7.314175e+02	1.969046e+03	3.264782e+03	5.095958e+03
[37521]	2.622151e+03	3.220300e+03	3.799444e+03	5.080687e+03	1.368592e+03
[37526]	5.670705e+03	5.065593e+03	2.575437e+03	2.993784e+03	4.410880e+03
[37531]	5.460051e+03	4.288424e+03	3.557678e+03	4.787622e+03	2.731151e+03
[37536]	-9.917778e+01	4.375599e+03	4.466654e+03	2.264880e+03	4.450580e+03
[37541]	3.563243e+03	4.392933e+03	2.420414e+03	2.866887e+03	-1.685428e+03
[37546]	3.593478e+03	4.347498e+03	3.084120e+03	9.742919e+02	2.448166e+03
[37551]	5.567730e+03	8.168597e+03	5.815420e+03	1.590821e+03	2.270582e+03
[37556]	4.129647e+02	1.709871e+03	3.166262e+03	-1.743631e+03	8.917612e+01
[37561]	2.224090e+03	4.408056e+03	6.457391e+02	1.968737e+03	2.710698e+03
[37566]	1.183623e+03	5.374314e+03	4.105822e+03	3.176257e+03	3.370170e+03
[37571]	2.597530e+03	4.493550e+03	5.862470e+03	1.041309e+03	5.144031e+03
[37576]	1.462780e+03	2.057502e+03	2.095688e+03	4.712942e+03	5.407386e+03
[37581]	3.302770e+03	1.634632e+03	-4.795226e+02	3.457517e+03	5.170942e+03
[37586]	3.733031e+03	3.716208e+03	3.625921e+03	4.794818e+03	7.695881e+03
[37591]	2.353000e+03	7.513794e+02	2.930322e+03	4.820560e+02	3.502704e+03
[37596]	3.650118e+03	2.999854e+03	2.206661e+03	3.056780e+03	3.667004e+03
[37601]	3.419839e+03	3.111805e+03	6.315324e+03	2.520831e+03	3.142585e+03
[37606]	3.276607e+03	4.452634e+03	3.939424e+03	2.013212e+03	3.409372e+03
[37611]	2.918632e+03	4.589964e+03	3.348661e+03	3.304831e+02	5.241603e+03
[37616]	3.046107e+03	4.398003e+03	4.505606e+03	9.514728e+02	3.570586e+03
[37621]	2.601279e+03	2.778624e+03	3.079429e+03	1.454600e+03	4.267567e+03
[37626]	1.941292e+03	3.709633e+03	2.608969e+03	5.663307e+03	2.694917e+03
[37631]	2.776589e+03	9.866015e+02	4.149853e+03	3.234416e+03	1.875150e+03
[37636]	4.898385e+03	3.279640e+03	3.938545e+03	1.055437e+03	1.746230e+03
[37641]	1.590675e+03	-4.415182e+02	3.221620e+03	2.486582e+03	2.573025e+03
[37646]	5.595810e+03	7.853838e+02	3.334590e+03	3.764006e+03	3.366534e+03
[37651]	2.442472e+03	5.566110e+03	2.886748e+03	2.048797e+03	1.874590e+03
[37656]	6.201083e+03	5.615547e+03	2.911749e+03	7.165225e+03	3.733519e+03
[37661]	4.008885e+03	3.152219e+03	1.669093e+03	2.572858e+03	3.757757e+03
[37666]	7.316264e+03	2.826622e+03	3.398796e+03	3.339881e+03	1.715093e+03



[37671]	4.255271e+03	3.219197e+03	4.118741e+03	4.018535e+03	3.537446e+03
[37676]	2.196328e+03	2.932852e+03	1.720694e+03	2.548464e+03	3.048121e+03
[37681]	3.812217e+03	5.117681e+03	4.000385e+03	2.360269e+03	3.457764e+03
[37686]	2.231552e+03	2.423098e+03	2.397963e+03	2.683318e+03	5.269254e+03
[37691]	5.033094e+03	2.223899e+03	-9.251551e+02	2.008862e+03	4.108089e+03
[37696]	1.417273e+03	1.545743e+03	1.517626e+03	4.972690e+03	3.992448e+03
[37701]	2.179916e+03	3.285774e+03	3.319592e+03	4.244968e+03	3.960920e+03
[37706]	2.020616e+03	4.328511e+03	4.034998e+03	3.885884e+03	2.378749e+03
[37711]	4.187893e+03	2.225169e+03	3.488832e+03	4.379446e+03	5.399149e+03
[37716]	4.187109e+03	-1.476313e+03	2.210200e+03	2.341117e+03	5.668957e+03
[37721]	1.159869e+03	3.912278e+03	7.447573e+02	2.917138e+03	3.329031e+03
[37726]	4.348147e+03	1.928352e+03	1.584749e+03	3.339360e+03	5.986739e+02
[37731]	5.137374e+03	4.653833e+03	2.712406e+03	2.510235e+03	1.624813e+02
[37736]	2.024438e+03	3.283031e+03	1.238482e+03	1.285676e+03	4.253263e+03
[37741]	3.405302e+03	2.723182e+03	2.994710e+03	1.886804e+03	3.853195e+03
[37746]	3.970650e+03	4.733889e+03	1.769372e+03	4.357620e+03	7.068075e+02
[37751]	1.838736e+03	4.757441e+03	3.468299e+03	1.603633e+03	1.422200e+03
[37756]	2.543170e+03	-9.474827e+02	1.508787e+03	3.596828e+03	1.421733e+03
[37761]	4.940210e+03	4.303475e+03	3.043236e+02	2.560497e+03	2.314555e+03
[37766]	1.778845e+03	2.750973e+03	3.047387e+03	1.881435e+03	2.294753e+03
[37771]	4.197009e+03	1.349188e+03	4.262821e+03	1.726272e+03	4.027117e+03
[37776]	2.537019e+03	2.338466e+03	4.901044e+03	1.020427e+03	3.420334e+03
[37781]	2.459575e+03	1.833409e+03	2.764723e+03	1.891644e+03	2.582065e+03
[37786]	2.645281e+03	2.426067e+03	1.379399e+03	3.143347e+03	2.475287e+03
[37791]	3.804471e+03	1.981630e+03	3.690086e+03	5.139255e+03	2.644963e+03
[37796]	2.203939e+03	3.384304e+03	2.263457e+03	2.975047e+03	1.382059e+03
[37801]	3.629485e+03	1.629941e+03	4.200958e+03	3.204565e+03	4.793943e+03
[37806]	4.985786e+03	1.970351e+03	3.095018e+03	1.056182e+03	3.847859e+03
[37811]	-1.042379e+03	2.504144e+03	5.308816e+03	4.828910e+03	2.990653e+03
[37816]	4.512249e+03	3.345151e+03	3.334684e+03	1.171038e+03	1.903336e+03
[37821]	2.532345e+03	2.597046e+03	2.654531e+03	1.350035e+03	-2.780037e+02
[37826]	3.824428e+03	2.420091e+03	2.492879e+03	3.780875e+03	1.376094e+03
[37831]	1.960950e+03	2.527960e+03	4.371707e+03	1.014247e+03	3.272614e+03
[37836]	4.110832e+03	3.715482e+03	4.921023e+03	4.104815e+03	7.474813e+02
[37841]	5.439380e+03	2.166603e+03	5.443012e+03	1.792384e+03	6.433273e+02
[37846]	2.328796e+03	2.383136e+03	1.816068e+03	2.117387e+03	5.181098e+03
[37851]	2.175969e+03	5.117870e+03	4.925984e+03	6.600242e+02	1.987679e+03
[37856]	1.968791e+03	4.329901e+03	2.398753e+03	1.847242e+03	3.348733e+03
[37861]	4.217273e+03	5.151232e+03	3.470984e+03	2.763707e+03	3.561424e+03
[37866]	7.790345e+03	1.353030e+03	2.993328e+03	3.717283e+03	2.807036e+03
[37871]	2.890335e+03	3.856706e+03	3.154784e+03	5.722823e+03	3.514631e+03
[37876]	1.636448e+03	1.761308e+03	1.680426e+03	4.200973e+03	2.523369e+03
[37881]	1.428231e+03	2.707352e+03	5.369596e+03	6.605880e+03	3.539177e+03

[37886]	2.886829e+03	2.386019e+03	1.886257e+03	3.716465e+03	1.330544e+02
[37891]	3.876436e+03	3.482653e+03	2.875737e+03	6.663310e+03	3.951458e+03
[37896]	4.960061e+03	3.017290e+03	-1.651338e+02	2.057590e+03	1.161735e+03
[37901]	9.875482e+02	1.030682e+03	4.277871e+03	3.035388e+03	2.913390e+03
[37906]	5.365283e+03	5.452672e+03	2.493932e+03	4.434123e+03	1.378843e+03
[37911]	3.201452e+03	1.302907e+03	2.600322e+03	-1.563771e+02	5.360368e+03
[37916]	1.300208e+02	3.480487e+03	5.083676e+03	1.723488e+03	2.550993e+03
[37921]	7.877090e+02	3.358957e+03	3.874845e+03	2.814991e+03	2.911653e+03
[37926]	4.474758e+03	1.366624e+03	1.428944e+03	3.822156e+03	3.140266e+03
[37931]	3.441415e+03	2.837435e+03	3.045030e+03	3.868646e+03	2.412876e+03
[37936]	1.735800e+03	3.612267e+03	2.780380e+03	4.687149e+03	-1.668226e+03
[37941]	1.066700e+01	3.700003e+03	4.722960e+03	1.060011e+03	3.690975e+02
[37946]	3.603019e+03	1.081093e+03	2.542227e+03	3.759105e+03	4.454815e+03
[37951]	1.931922e+03	5.393588e+03	3.332997e+03	1.788637e+03	3.294518e+03
[37956]	5.825089e+03	4.664216e+03	2.144772e+03	1.926981e+02	5.718972e+03
[37961]	3.657067e+03	4.620158e+03	4.011527e+03	3.933504e+03	1.401946e+03
[37966]	7.875728e+02	3.344611e+03	4.432316e+03	3.924196e+03	-4.654641e+02
[37971]	4.531656e+03	3.199470e+03	3.121382e+03	3.186466e+02	3.697552e+03
[37976]	1.853056e+03	2.346377e+03	2.655805e+03	4.173201e+03	2.496932e+03
[37981]	3.974419e+03	4.539778e+03	2.091730e+03	3.986498e+03	2.119287e+03
[37986]	2.020429e+03	4.420708e+03	3.808459e+03	2.964589e+03	2.611484e+03
[37991]	3.845258e+03	2.293930e+03	1.522348e+03	5.006069e+03	2.753926e+03
[37996]	2.149889e+03	5.109234e+03	3.439474e+03	4.646719e+03	4.398064e+03
[38001]	2.419580e+03	3.918023e+03	3.065559e+03	4.108490e+03	4.006998e+03
[38006]	4.979926e+03	4.747453e+03	1.134791e+03	2.370418e+03	3.705406e+03
[38011]	5.609966e+03	3.177787e+03	3.680685e+03	2.235151e+03	-2.628577e+02
[38016]	4.304921e+03	4.652648e+03	3.001638e+03	3.602336e+03	3.610287e+03
[38021]	4.408145e+03	3.708063e+03	4.764809e+02	4.508086e+03	3.696781e+03
[38026]	2.168526e+03	6.192128e+03	2.939433e+03	2.731148e+03	3.619363e+03
[38031]	2.591879e+03	2.783173e+02	6.166990e+03	4.739109e+03	1.879813e+03
[38036]	7.513693e+02	2.901081e+03	1.859320e+03	5.876683e+03	2.013856e+03
[38041]	2.651138e+03	2.702352e+03	5.230947e+03	5.573974e+03	4.498402e+03
[38046]	3.114383e+03	4.045822e+03	3.284435e+03	2.503050e+03	3.020563e+03
[38051]	2.816841e+03	1.753559e+03	2.343415e+03	5.356506e+03	2.482207e+03
[38056]	1.730421e+03	3.139180e+03	3.210001e+03	3.723029e+03	4.820968e+03
[38061]	2.987018e+03	1.672380e+03	2.995423e+03	1.630557e+03	2.474000e+03
[38066]	3.409780e+03	3.990337e+03	5.526280e+03	1.834993e+03	3.348668e+03
[38071]	2.805899e+02	3.638854e+03	4.686708e+03	5.217186e+03	3.330436e+03
[38076]	3.361994e+03	2.718826e+03	1.379580e+03	4.325760e+03	3.019008e+03
[38081]	-9.165798e+02	4.582589e+03	2.288131e+03	3.867666e+03	3.366751e+03
[38086]	3.804890e+03	2.251834e+03	3.977561e+03	1.109159e+03	-8.855261e+02
[38091]	8.117883e+02	2.146268e+03	2.913569e+03	9.908918e+02	1.420446e+03
[38096]	1.976223e+03	3.688176e+03	3.587152e+03	7.810008e+02	2.704833e+03

[38101]	4.868278e+03	2.153483e+03	3.276605e+03	1.473499e+03	4.169621e+03
[38106]	2.985744e+03	5.014367e+03	2.468468e+03	2.204701e+03	4.375468e+03
[38111]	1.151528e+03	3.427980e+03	5.440422e+03	4.212000e+03	5.962479e+03
[38116]	3.744377e+03	3.355661e+03	2.225204e+03	3.980448e+03	2.916268e+03
[38121]	1.921147e+03	2.711015e+03	1.016487e+03	5.905279e+03	5.215881e+03
[38126]	6.705436e+02	3.686389e+03	4.322342e+03	1.934100e+03	4.914715e+03
[38131]	3.487350e+03	5.219810e+03	4.234106e+03	4.796917e+03	2.226344e+03
[38136]	1.762971e+03	4.497725e+03	2.609641e+03	3.616318e+03	1.699904e+03
[38141]	4.531593e+03	4.539372e+03	3.097228e+03	4.163730e+03	2.116710e+03
[38146]	3.547240e+03	1.801530e+03	1.253434e+03	3.771477e+03	3.544173e+03
[38151]	4.648613e+03	3.871224e+03	1.741095e+03	3.601130e+03	4.102004e+02
[38156]	4.441917e+03	2.756776e+03	2.752014e+03	5.179434e+03	2.392244e+03
[38161]	2.329133e+02	3.982617e+03	2.428220e+03	2.825299e+03	2.849758e+03
[38166]	3.321804e+03	1.428846e+03	2.910129e+03	6.542473e+02	4.020123e+03
[38171]	6.091072e+03	3.627818e+03	3.459251e+03	3.360251e+03	3.703942e+03
[38176]	2.890100e+03	4.273054e+03	1.210535e+03	2.081844e+03	1.483368e+03
[38181]	2.561819e+03	5.197725e+03	2.692540e+03	3.165379e+03	2.113865e+03
[38186]	3.613859e+03	4.902173e+03	3.291329e+03	5.450958e+03	1.568717e+03
[38191]	2.115696e+03	4.789061e+03	3.369785e+03	6.332976e+03	5.060651e+03
[38196]	1.547485e+03	2.714763e+03	2.837947e+03	1.809787e+03	2.164810e+03
[38201]	2.665133e+03	3.232676e+03	2.791172e+03	3.143479e+03	3.539659e+03
[38206]	4.358300e+03	4.159954e+03	3.203049e+03	3.071400e+03	2.784075e+03
[38211]	1.170089e+03	5.481489e+03	1.337239e+03	4.063433e+03	4.523616e+03
[38216]	1.845203e+03	2.420333e+03	4.558982e+03	3.997651e+03	2.345249e+03
[38221]	3.087283e+03	4.077098e+03	2.754196e+03	2.448398e+03	3.897112e+03
[38226]	1.981567e+03	1.496037e+03	3.809462e+03	3.825358e+03	3.095509e+03
[38231]	4.084549e+03	4.356324e+03	3.387083e+03	1.425773e+03	4.146701e+03
[38236]	5.939517e+03	1.825749e+03	5.405017e+03	4.033963e+03	5.916099e+02
[38241]	3.389217e+03	2.048199e+03	5.244608e+03	5.317156e+03	2.131358e+03
[38246]	1.983179e+03	1.373248e+03	5.514849e+03	2.884856e+03	3.634017e+03
[38251]	5.612567e+03	1.411146e+03	4.925907e+03	5.376822e+03	3.350720e+03
[38256]	1.397872e+03	4.060691e+03	2.774885e+03	3.380292e+03	3.585117e+03
[38261]	4.792304e+03	2.142162e+03	6.193304e+03	4.927940e+03	4.184249e+03
[38266]	3.055197e+03	6.016007e+03	1.252133e+03	3.072959e+03	2.698771e+03
[38271]	1.341486e+03	2.787859e+03	4.105993e+03	2.899507e+03	2.894345e+03
[38276]	1.292538e+03	2.851998e+03	3.791350e+03	4.655144e+03	1.983291e+03
[38281]	1.549603e+03	2.142921e+03	2.887314e+03	4.871303e+03	2.925643e+03
[38286]	3.778064e+03	4.417322e+03	5.787979e+03	1.667541e+03	5.370282e+03
[38291]	3.156489e+03	5.608664e+03	1.774940e+03	1.974704e+03	4.864188e+03
[38296]	1.416024e+03	1.859509e+03	3.122360e+03	6.022803e+03	3.869622e+03
[38301]	1.186083e+03	5.638623e+03	2.023150e+03	1.049466e+03	5.511431e+03
[38306]	3.675013e+03	2.288868e+03	2.321559e+03	2.481735e+03	4.395422e+03
[38311]	1.494750e+03	1.266586e+03	2.979412e+03	5.077379e+03	1.142315e+03

[38316]	3.280783e+03	8.107181e+03	3.119988e+03	3.280558e+03	5.508962e+03
[38321]	3.549581e+03	2.052570e+03	6.924113e+03	1.915266e+03	1.518701e+03
[38326]	7.296545e+02	3.917176e+03	3.252448e+03	3.711902e+03	4.200724e+02
[38331]	8.099758e+03	1.525898e+03	5.378492e+03	9.069367e+02	3.119211e+03
[38336]	3.128529e+03	2.033907e+03	1.022145e+03	7.339666e+03	3.134449e+03
[38341]	2.859152e+03	2.884125e+03	2.539851e+03	3.167360e+03	3.257855e+03
[38346]	3.238308e+03	2.630964e+03	2.750943e+03	3.719906e+03	4.246999e+03
[38351]	7.681979e+01	4.160732e+03	4.741710e+03	3.111581e+03	4.216925e+03
[38356]	3.184997e+03	3.537737e+03	2.874564e+03	3.311489e+03	3.555136e+03
[38361]	3.487883e+03	4.903080e+03	5.781220e+03	2.645256e+03	2.942097e+03
[38366]	2.891391e+03	2.977472e+03	5.617194e+03	3.219012e+03	2.862390e+03
[38371]	2.785290e+03	5.265157e+03	5.428809e+03	4.221381e+03	3.189264e+03
[38376]	1.047345e+03	3.541173e+03	4.677700e+03	4.438145e+03	4.032384e+03
[38381]	-3.254989e+01	3.773924e+03	2.877345e+03	3.083026e+03	2.084018e+03
[38386]	2.401052e+03	3.611833e+03	2.267757e+02	3.227419e+03	4.194263e+03
[38391]	4.319398e+03	3.061572e+03	2.426688e+03	3.164088e+03	5.255127e+02
[38396]	1.909534e+03	3.738396e+03	2.003000e+03	4.131296e+03	2.843573e+03
[38401]	8.423355e+02	1.455774e+03	5.638571e+03	9.267224e+02	3.162524e+03
[38406]	1.956213e+03	5.892818e+03	3.652824e+03	2.674412e+03	4.314404e+03
[38411]	5.430901e+03	5.157220e+03	2.694906e+03	3.243883e+03	5.005393e+03
[38416]	3.195953e+03	3.150750e+03	3.010881e+03	4.687596e+03	5.167151e+03
[38421]	4.925878e+02	3.111124e+03	5.210779e+03	3.934244e+03	1.966043e+03
[38426]	6.087148e+03	2.632985e+03	-2.376912e+02	5.111677e+03	3.836061e+03
[38431]	2.419294e+03	5.660189e+03	1.988399e+03	3.736310e+03	1.076395e+03
[38436]	3.341970e+03	3.450222e+03	5.556107e+03	3.098196e+03	4.598507e+03
[38441]	3.535768e+03	3.953575e+03	-2.147700e+02	-6.614658e+02	5.125640e+03
[38446]	3.875658e+03	8.846093e+02	3.179292e+03	5.394394e+03	4.727553e+02
[38451]	2.050665e+03	4.074527e+03	3.637570e+02	2.751597e+03	2.563541e+03
[38456]	4.142169e+03	1.494124e+03	-2.039905e+03	2.526212e+03	3.154541e+03
[38461]	2.941073e+03	2.518072e+03	3.971503e+03	2.391676e+03	4.121582e+03
[38466]	6.530839e+03	3.618949e+03	3.906098e+03	3.741271e+03	4.525455e+02
[38471]	1.039349e+03	2.011297e+03	3.450433e+03	2.693885e+03	2.719455e+03
[38476]	4.596510e+03	3.182214e+03	1.698778e+03	8.580142e+02	3.083374e+03
[38481]	1.611467e+03	3.953922e+03	3.022270e+03	2.601559e+03	2.832716e+03
[38486]	1.772502e+02	5.943141e+03	-7.940687e+02	3.151087e+03	2.644732e+03
[38491]	5.531891e+03	2.949356e+02	5.818700e+03	2.598858e+03	4.335508e+03
[38496]	3.671408e+03	2.374722e+03	3.973334e+03	3.615406e+03	4.941926e+03
[38501]	4.508890e+03	4.980694e+03	1.099518e+03	1.940391e+03	4.575547e+03
[38506]	6.533004e+03	5.492307e+03	2.242073e+03	2.959170e+03	4.525295e+03
[38511]	2.839792e+03	2.437130e+03	4.301389e+03	6.244980e+03	2.877000e+03
[38516]	6.763222e+03	4.037019e+03	5.234283e+03	2.306429e+03	3.070231e+03
[38521]	2.237120e+03	3.302303e+03	2.018196e+03	4.259242e+03	3.578311e+03
[38526]	-3.286597e+02	2.685575e+03	5.115738e+03	6.370464e+03	5.644584e+03

[38531]	2.572192e+03	2.450104e+03	7.481421e+03	3.126421e+03	7.958608e+02
[38536]	1.996749e+03	2.603745e+03	1.919372e+03	4.627164e+03	4.910636e+03
[38541]	1.244099e+03	2.732910e+03	2.436341e+03	2.581783e+03	2.825955e+03
[38546]	3.945254e+03	4.187204e+03	4.344179e+03	3.158526e+03	3.952978e+02
[38551]	5.893229e+03	1.354897e+03	4.072935e+03	2.683749e+03	3.796424e+03
[38556]	5.385181e+03	3.432019e+03	1.941188e+03	4.968825e+03	4.505888e+03
[38561]	4.636731e+03	7.347963e+02	3.587889e+03	1.701989e+03	7.871178e+02
[38566]	1.752763e+03	4.824495e+03	2.081311e+03	1.689775e+03	3.982657e+01
[38571]	4.116430e+03	6.016403e+03	3.560957e+03	1.907800e+03	3.259492e+03
[38576]	2.516407e+03	2.965480e+03	9.245929e+02	2.525743e+03	2.956492e+03
[38581]	2.448840e+03	2.525868e+03	1.932914e+03	2.709427e+03	4.396722e+03
[38586]	2.660737e+03	4.099567e+03	1.301211e+03	4.485405e+03	1.568289e+03
[38591]	3.622891e+03	3.604116e+03	3.175765e+03	5.035568e+03	1.713075e+03
[38596]	1.071035e+03	3.956148e+03	5.855158e+03	2.200372e+03	2.645155e+03
[38601]	2.722114e+03	4.182188e+03	5.409282e+03	7.695664e+02	3.520377e+03
[38606]	3.839186e+03	2.739122e+03	1.667214e+03	2.734240e+03	4.273777e+03
[38611]	1.281499e+03	2.355221e+03	4.131675e+03	2.733680e+03	4.643776e+03
[38616]	4.919867e+03	7.482404e+02	1.464167e+03	3.973953e+03	2.515692e+03
[38621]	5.658832e+03	4.114046e+03	5.436459e+03	5.579811e+03	3.572478e+03
[38626]	3.094165e+03	5.524548e+03	2.200669e+03	5.189020e+03	4.464703e+03
[38631]	5.314907e+02	1.802161e+03	3.592945e+03	2.355026e+03	3.543147e+03
[38636]	4.692192e+03	2.297775e+03	3.330249e+03	2.317361e+03	4.062604e+03
[38641]	1.968375e+03	1.669198e+03	3.820235e+03	2.280097e+03	1.856048e+03
[38646]	4.519479e+03	3.939341e+03	4.618323e+03	3.611051e+03	3.410433e+03
[38651]	4.032714e+03	4.132290e+02	2.328591e+03	3.601075e+03	2.930308e+03
[38656]	2.229260e+03	1.590807e+03	4.142681e+03	3.540233e+03	3.638502e+03
[38661]	2.834210e+03	5.076087e+03	2.387355e+03	1.052381e+03	3.217692e+03
[38666]	4.079477e+03	2.649970e+03	1.928492e+03	2.291534e+03	3.425374e+03
[38671]	5.280148e+03	2.052031e+02	1.786645e+03	3.875148e+03	5.248444e+03
[38676]	2.280124e+03	5.085055e+03	3.971415e+03	2.316284e+03	2.391546e+03
[38681]	2.534717e+03	4.077432e+03	3.264118e+03	3.828508e+03	4.045866e+03
[38686]	1.501343e+03	3.944594e+03	7.003535e+02	2.919944e+03	6.983646e+02
[38691]	1.358590e+03	2.385197e+03	2.105652e+03	1.871721e+03	3.109957e+03
[38696]	4.049147e+03	2.936968e+03	1.452228e+03	4.903020e+03	4.403942e+03
[38701]	2.295502e+03	2.680601e+03	3.170065e+03	3.528148e+03	3.035908e+03
[38706]	4.445816e+03	1.822344e+03	2.986880e+03	3.511437e+03	3.483717e+03
[38711]	1.796323e+03	1.744311e+03	2.281343e+03	3.785109e+02	2.809160e+03
[38716]	3.616010e+03	-1.537097e+02	2.926960e+03	3.898578e+03	5.936497e+03
[38721]	2.762555e+03	1.430113e+03	-3.870909e+01	6.763246e+03	1.987491e+03
[38726]	2.480737e+03	2.163547e+03	3.866621e+03	1.957727e+03	2.576686e+03
[38731]	2.428589e+03	7.124928e+02	1.827425e+03	4.036202e+03	4.321458e+03
[38736]	5.045673e+03	1.117503e+03	1.652472e+03	3.325774e+03	2.502389e+03
[38741]	1.705942e+03	3.727931e+03	6.934397e+03	1.450442e+03	1.149612e+03

[38746]	2.349201e+03	3.586337e+03	3.084706e+03	3.646592e+03	4.806194e+03
[38751]	5.189061e+03	2.634794e+03	2.890245e+03	4.025436e+03	3.537993e+03
[38756]	2.094989e+03	5.968106e+02	4.026372e+03	1.431046e+03	2.469523e+03
[38761]	4.469387e+03	1.499063e+03	2.923172e+03	3.271248e+03	5.806205e+03
[38766]	5.251811e+03	4.195718e+03	1.082786e+03	2.912324e+03	3.340449e+03
[38771]	6.605671e+03	3.734084e+03	4.071172e+03	1.563130e+03	4.062864e+03
[38776]	-1.407865e+02	1.053097e+03	4.599596e+03	2.325247e+03	2.485441e+03
[38781]	3.552280e+03	2.520928e+03	3.939560e+03	1.859950e+03	1.495174e+03
[38786]	3.117579e+03	5.551285e+03	2.921766e+03	1.816411e+03	2.808170e+03
[38791]	2.455149e+03	1.246219e+03	3.794206e+03	3.942080e+03	2.075805e+03
[38796]	2.614435e+03	2.905798e+03	8.312135e+02	4.050049e+03	5.168537e+03
[38801]	5.861796e+03	3.123969e+03	4.049215e+03	5.452531e+03	2.929007e+03
[38806]	5.863922e+03	4.423624e+03	3.707576e+03	2.385353e+03	5.227643e+03
[38811]	4.588956e+03	1.908121e+03	2.274997e+03	2.984061e+03	5.108586e+03
[38816]	3.754587e+03	2.062451e+03	2.599640e+03	5.847940e+02	2.372649e+03
[38821]	1.790561e+03	5.344598e+03	5.122453e+03	2.157544e+03	6.365800e+02
[38826]	4.025625e+03	1.681762e+03	2.759555e+03	1.242514e+03	7.864649e+03
[38831]	4.696225e+03	1.453034e+03	7.575604e+02	3.623834e+03	1.861509e+03
[38836]	2.156917e+03	4.014440e+03	1.539091e+03	2.152418e+03	1.022564e+03
[38841]	5.884472e+03	2.671763e+03	1.882927e+03	2.413494e+03	9.139202e+02
[38846]	3.713996e+03	5.333610e+03	1.906787e+03	2.068010e+03	2.520465e+03
[38851]	4.483658e+03	3.985967e+03	2.662116e+03	1.938803e+03	8.564667e+02
[38856]	2.048551e+02	-7.584445e+02	3.789127e+03	3.696710e+03	4.198907e+03
[38861]	5.482598e+03	3.209654e+03	1.664461e+03	2.353999e+03	3.336136e+03
[38866]	1.512965e+03	5.730673e+03	1.758929e+03	2.498751e+03	5.621202e+03
[38871]	2.211168e+03	2.622241e+03	4.484168e+03	2.447713e+03	3.905932e+03
[38876]	6.957522e+02	2.876541e+03	2.611740e+03	4.145063e+03	4.442012e+03
[38881]	3.024643e+03	1.481866e+03	3.295257e+03	2.511655e+03	1.795326e+03
[38886]	6.278682e+03	4.581424e+03	6.054130e+02	2.089656e+03	4.587358e+03
[38891]	4.788836e+03	3.995724e+03	1.591754e+03	3.749821e+03	3.104825e+03
[38896]	3.021549e+03	3.174067e+03	2.349192e+03	1.601387e+03	5.548456e+03
[38901]	2.842280e+03	1.103936e+03	1.177673e+03	3.844253e+02	5.276705e+03
[38906]	2.831253e+03	2.133160e+03	4.982402e+03	1.014551e+03	5.620267e+03
[38911]	3.717156e+02	1.260971e+03	3.943918e+03	4.626252e+03	2.687090e+03
[38916]	1.689517e+03	3.485908e+03	5.568147e+03	1.844921e+03	2.620674e+03
[38921]	5.741377e+03	2.827013e+03	3.690590e+02	1.649776e+03	5.761627e+03
[38926]	3.935780e+03	2.708724e+03	3.462736e+03	6.815595e+02	3.011073e+03
[38931]	4.412868e+03	4.047386e+03	3.642652e+03	4.812315e+03	4.541030e+03
[38936]	2.036568e+03	3.741390e+03	1.713395e+03	3.128724e+03	1.896862e+03
[38941]	3.441327e+03	3.246521e+03	5.314082e+03	2.808975e+03	3.344139e+03
[38946]	1.214947e+03	3.619406e+03	3.156238e+03	5.183078e+03	3.021571e+03
[38951]	5.158277e+03	2.325662e+03	3.779644e+03	6.473852e+03	3.537081e+03
[38956]	2.973549e+03	4.113385e+03	3.286144e+03	3.996366e+03	1.682998e+03

[38961]	4.923038e+02	2.726940e+03	3.742411e+03	4.627696e+03	3.019494e+03
[38966]	4.916153e+03	2.014148e+03	4.655271e+03	2.380192e+03	1.778602e+03
[38971]	4.971037e+03	4.490526e+03	3.869930e+03	2.120507e+03	6.288260e+02
[38976]	4.992066e+02	4.300490e+03	3.183055e+03	1.899511e+03	1.710959e+03
[38981]	2.809422e+03	1.350843e+03	3.512563e+03	1.125532e+03	3.690792e+03
[38986]	2.354136e+03	6.221813e+03	4.351540e+03	7.118808e+03	2.126974e+03
[38991]	3.242835e+03	1.965382e+03	3.754833e+03	5.784133e+03	4.837985e+03
[38996]	1.671758e+03	-7.819121e+02	6.142250e+03	2.384285e+03	9.534107e+02
[39001]	3.580943e+03	6.674625e+03	5.011193e+03	7.011893e+02	5.099725e+03
[39006]	2.106784e+03	3.566202e+03	3.647270e+03	4.116622e+03	2.782006e+03
[39011]	3.734174e+03	9.444044e+02	6.423697e+02	4.439483e+03	2.507612e+03
[39016]	1.132983e+03	4.593944e+03	2.197857e+03	2.819234e+03	5.076587e+03
[39021]	1.751994e+03	1.686823e+03	2.221647e+03	4.592842e+03	1.853097e+03
[39026]	4.401567e+03	2.999181e+03	5.648457e+03	2.432768e+03	3.864350e+03
[39031]	3.445616e+03	3.398453e+03	3.959290e+03	5.349602e+03	1.325721e+03
[39036]	4.319509e+03	2.072592e+03	1.942252e+03	5.941650e+03	3.759524e+03
[39041]	5.067105e+03	3.981491e+03	5.079548e+03	2.940150e+03	3.399555e+03
[39046]	4.817583e+03	3.738489e+03	2.698636e+03	1.284080e+03	3.505825e+03
[39051]	5.095322e+03	-2.859848e+02	3.381740e+03	5.445354e+03	3.518046e+03
[39056]	1.669668e+03	5.178613e+02	2.993048e+03	2.521283e+03	3.405814e+03
[39061]	2.190636e+03	2.300479e+03	5.443153e+03	4.580940e+03	3.935939e+03
[39066]	5.154531e+03	6.494287e+03	3.025704e+03	3.783819e+03	3.828987e+03
[39071]	5.841042e+03	2.957251e+03	6.762513e+03	3.284231e+03	5.596808e+03
[39076]	5.926912e+02	2.323289e+03	2.297384e+03	3.586387e+03	4.164602e+03
[39081]	4.007724e+03	3.211678e+03	2.487585e+03	5.365607e+03	6.458720e+03
[39086]	2.437497e+03	4.245750e+03	4.287808e+03	2.804782e+03	5.172946e+03
[39091]	5.461839e+03	4.210399e+03	2.537168e+03	4.176210e+03	4.121689e+03
[39096]	3.859702e+03	-3.423341e+02	3.954046e+03	3.311188e+03	4.417030e+03
[39101]	4.976552e+03	1.690100e+03	2.703614e+03	3.618651e+03	3.036615e+03
[39106]	3.689379e+03	5.621043e+03	2.671986e+03	1.769159e+03	4.306539e+03
[39111]	2.253585e+03	4.007674e+03	2.807658e+03	2.217304e+03	3.286569e+03
[39116]	4.268623e+03	2.694083e+03	1.755002e+03	2.994349e+03	5.260368e+03
[39121]	3.046791e+03	3.273969e+03	2.705789e+03	1.534680e+03	3.049866e+03
[39126]	3.825945e+03	3.559041e+03	4.125400e+03	2.996085e+03	2.528917e+02
[39131]	2.154686e+03	4.386529e+03	3.607002e+03	6.320453e+03	1.666157e+03
[39136]	4.695212e+03	5.478612e+03	2.430392e+03	4.198599e+03	3.061088e+03
[39141]	2.054322e+03	4.428343e+03	2.510205e+03	3.110259e+03	3.748992e+03
[39146]	5.744890e+03	-7.850828e+02	1.049990e+03	4.366297e+03	3.949068e+03
[39151]	2.087300e+03	2.825067e+03	3.574014e+03	3.802020e+03	3.043336e+03
[39156]	2.966983e+03	2.773632e+03	2.137735e+03	2.043097e+03	1.289266e+03
[39161]	4.796356e+03	3.932528e+03	3.709483e+03	-2.506457e+02	1.456862e+03
[39166]	3.554666e+03	-2.694678e+02	2.720065e+02	3.207362e+03	4.331227e+03
[39171]	4.682514e+03	2.366312e+02	3.289704e+03	3.308022e+03	1.459466e+03

[39176]	3.782283e+03	1.057906e+02	1.091519e+03	4.639639e+03	-3.720193e+02
[39181]	3.030125e+03	4.341818e+03	3.221095e+03	1.487269e+03	5.747050e+03
[39186]	3.306260e+03	6.946609e+03	3.281761e+03	3.198951e+03	3.755938e+03
[39191]	1.047367e+03	2.833295e+03	3.251990e+03	4.885532e+03	5.766974e+03
[39196]	2.757830e+03	2.746926e+03	4.975268e+03	2.140224e+03	3.462066e+03
[39201]	4.408252e+03	4.472457e+03	4.550816e+03	2.925092e+03	1.181378e+03
[39206]	1.005108e+03	5.440688e+03	6.056382e+03	2.885973e+03	5.603709e+03
[39211]	7.479148e+03	2.483883e+02	4.540120e+03	2.256889e+03	-1.012927e+03
[39216]	8.295679e+02	2.838201e+03	8.376094e+02	4.695886e+03	5.025066e+03
[39221]	5.467804e+03	4.960435e+03	5.092140e+03	5.818110e+03	-6.226953e+01
[39226]	3.787024e+03	3.193608e+03	1.586828e+03	1.571336e+03	2.457487e+03
[39231]	9.456967e+02	4.595180e+02	-1.083046e+02	3.791043e+03	4.628481e+03
[39236]	-3.531946e+02	3.948668e+03	3.859061e+03	2.240322e+03	5.896034e+03
[39241]	3.963587e+03	2.862920e+03	4.372745e+03	4.144639e+03	3.407241e+03
[39246]	3.021276e+03	2.012870e+03	1.065537e+03	4.504433e+03	2.814903e+03
[39251]	2.268292e+03	2.870911e+03	1.135447e+03	2.776387e+03	2.342766e+03
[39256]	3.755656e+03	2.902578e+03	2.513525e+03	4.958476e+03	-8.082652e+02
[39261]	3.822084e+03	4.010650e+03	1.358069e+03	4.659566e+03	3.158514e+03
[39266]	6.110315e+03	4.331045e+03	3.480335e+03	2.728112e+03	4.232343e+03
[39271]	3.882583e+03	2.644491e+03	2.443995e+03	1.225499e+03	5.139689e+03
[39276]	5.004932e+03	5.113532e+03	5.186990e+03	-4.024600e+02	3.880562e+03
[39281]	4.931383e+03	3.349991e+03	3.638587e+03	1.974686e+03	4.806980e+03
[39286]	2.731487e+03	3.574397e+03	3.124303e+03	1.984141e+03	2.796801e+03
[39291]	5.726850e+03	1.398287e+03	5.700252e+03	2.187194e+03	2.296846e+03
[39296]	2.330894e+03	3.360174e+03	2.412305e+03	1.909314e+03	4.031039e+03
[39301]	7.355071e+03	3.914853e+03	3.776569e+03	1.528748e+03	2.955791e+03
[39306]	3.209184e+03	4.730414e+03	3.586226e+03	9.456051e+02	2.798703e+03
[39311]	4.290475e+03	2.273950e+03	1.298323e+03	8.604041e+02	4.815545e+03
[39316]	1.631468e+03	3.461650e+03	5.279358e+03	3.842457e+03	3.047069e+03
[39321]	6.740129e+01	2.878409e+03	2.931435e+02	2.324570e+03	2.518902e+03
[39326]	3.269000e+03	2.858048e+03	3.790703e+03	3.691189e+03	2.226545e+03
[39331]	3.333732e+03	3.913175e+03	1.903027e+03	1.762223e+03	4.724941e+03
[39336]	2.203445e+03	6.037086e+03	1.196313e+03	3.279166e+03	1.922933e+03
[39341]	3.534165e+03	4.694673e+03	3.420452e+03	3.633867e+03	4.330385e+03
[39346]	4.473254e+03	3.325593e+03	4.565331e+03	3.431804e+02	3.554945e+03
[39351]	5.781243e+03	6.411351e+03	9.002212e+02	3.346076e+03	1.747022e+03
[39356]	3.202539e+03	6.549179e+03	3.523303e+03	-5.182233e+02	2.324212e+03
[39361]	1.678954e+03	2.065841e+03	4.865342e+03	5.669707e+03	3.311282e+03
[39366]	2.676688e+03	2.075949e+03	1.005951e+03	2.995133e+03	4.021733e+03
[39371]	5.049921e+03	4.118306e+03	3.519447e+03	3.468134e+03	2.998354e+03
[39376]	3.094617e+03	2.634314e+03	3.180070e+03	3.104342e+03	8.087272e+02
[39381]	-8.368496e+01	2.826002e+03	2.666715e+03	4.985409e+03	3.536323e+03
[39386]	4.382473e+03	5.835658e+03	4.252865e+03	5.456141e+03	3.841896e+03



[39391]	4.169253e+03	2.396947e+03	5.266837e+03	3.523101e+03	2.877288e+03
[39396]	2.226187e+03	2.479447e+03	6.444366e+03	1.813318e+03	3.003108e+03
[39401]	4.230111e+03	3.309033e+03	2.356891e+03	2.255551e+03	1.655592e+03
[39406]	3.997361e+03	2.749256e+03	1.143245e+03	3.857078e+03	3.363252e+03
[39411]	1.645918e+03	2.591697e+03	1.951263e+03	3.415589e+03	1.673676e+03
[39416]	2.014406e+03	3.726108e+03	4.227658e+03	1.318728e+03	4.707638e+03
[39421]	4.701488e+03	4.318424e+03	6.473090e+03	2.638456e+03	3.532819e+03
[39426]	7.873746e+02	1.816648e+03	1.497998e+03	2.348959e+03	4.034700e+03
[39431]	2.257569e+03	4.173608e+03	2.095480e+03	3.485714e+03	2.637142e+03
[39436]	3.626787e+03	3.122387e+03	3.157403e+03	3.282330e+03	9.625061e+02
[39441]	1.856462e+03	4.855977e+03	4.850727e+02	5.843114e+03	3.261128e+03
[39446]	1.186739e+03	1.812772e+03	3.206188e+02	3.800545e+03	3.189615e+03
[39451]	3.910378e+03	3.256129e+03	4.773403e+03	2.979307e+03	2.040256e+03
[39456]	4.662775e+03	3.181129e+03	3.378669e+03	5.715441e+03	3.969320e+03
[39461]	6.776915e+03	2.039447e+03	6.344973e+03	5.666623e+03	1.483771e+03
[39466]	4.437592e+03	3.795435e+03	1.196419e+03	8.210579e+03	5.442508e+02
[39471]	3.371205e+03	2.168863e+03	6.304966e+03	2.690525e+03	6.048765e+03
[39476]	3.680826e+03	2.579719e+03	5.080851e+03	1.876370e+03	3.648641e+03
[39481]	4.731089e+03	4.975180e+03	3.541701e+03	2.737123e+03	4.251247e+03
[39486]	3.819653e+03	6.652500e+03	4.872915e+03	1.520589e+03	3.858316e+03
[39491]	2.966354e+03	2.677572e+03	4.223853e+03	1.931252e+03	3.521820e+03
[39496]	2.206036e+03	4.090287e+03	2.885633e+03	2.115035e+03	7.587929e+03
[39501]	5.199695e+03	2.485346e+03	6.976125e+03	4.762141e+03	4.671869e+03
[39506]	1.055425e+03	3.439469e+03	1.361588e+03	1.891333e+03	5.758935e+03
[39511]	-1.270514e+01	1.971077e+03	4.595558e+03	6.905405e+02	4.188975e+03
[39516]	5.028937e+03	3.794930e+03	2.016142e+03	2.453360e+03	3.989700e+03
[39521]	2.610363e+03	2.171769e+02	5.298870e+03	2.739597e+03	-8.032830e+02
[39526]	4.110049e+03	3.380455e+03	4.300320e+02	2.724478e+03	2.489035e+03
[39531]	3.529434e+03	5.868009e+02	3.778167e+03	2.004956e+03	2.887213e+03
[39536]	5.431224e+03	2.905306e+03	3.035750e+03	6.109703e+03	3.035773e+03
[39541]	2.597321e+03	-8.095456e+02	2.128640e+03	4.292948e+03	3.069849e+03
[39546]	5.685646e+02	4.797573e+03	3.957229e+03	4.519867e+03	3.006281e+03
[39551]	4.730154e+03	4.446485e+03	2.335622e+03	2.804895e+03	3.138239e+03
[39556]	1.901000e+03	1.538058e+03	1.386076e+03	2.938846e+03	3.500091e+03
[39561]	3.231505e+03	4.342951e+03	2.807797e+03	2.723864e+03	3.776812e+03
[39566]	2.571612e+03	5.373153e+03	5.584387e+03	1.140946e+03	3.336713e+03
[39571]	3.343196e+03	4.076699e+03	8.183217e+02	2.354376e+03	4.257719e+03
[39576]	3.881221e+03	4.845332e+03	6.603475e+03	2.144973e+03	4.162563e+03
[39581]	4.828450e+03	3.698817e+03	2.643218e+03	7.977037e+02	1.055959e+02
[39586]	1.995431e+03	1.641743e+03	2.888341e+03	7.231271e+02	2.461001e+03
[39591]	3.984408e+03	1.135649e+03	2.387262e+03	1.326477e+03	2.272604e+03
[39596]	1.819733e+03	2.811924e+03	6.850669e+02	2.771462e+03	4.083633e+03
[39601]	2.670382e+03	4.434657e+03	4.104719e+03	4.101540e+03	2.709398e+03

[39606]	4.471334e+03	3.055997e+03	4.661934e+03	2.098208e+03	4.070323e+03
[39611]	2.580419e+03	4.764913e+03	3.014996e+03	3.226485e+03	2.120994e+03
[39616]	2.011676e+03	5.777135e+03	2.349170e+03	8.787191e+02	3.175277e+03
[39621]	3.093131e+03	2.956788e+03	2.924625e+03	2.305358e+03	2.819242e+03
[39626]	4.454065e+03	2.352686e+03	1.439661e+03	4.557793e+03	3.083658e+03
[39631]	7.995216e+01	2.996533e+03	1.532526e+03	3.478021e+03	3.653421e+03
[39636]	3.359430e+03	3.691412e+03	3.577341e+03	3.640280e+03	1.121905e+03
[39641]	5.075115e+03	3.377819e+03	3.174215e+03	2.721236e+03	2.386229e+03
[39646]	1.171319e+03	3.163314e+03	4.475151e+03	3.084419e+03	5.098386e+03
[39651]	4.522075e+03	3.884044e+03	5.128705e+03	2.285794e+03	3.261705e+03
[39656]	1.865824e+03	3.442429e+03	3.500837e+03	1.320074e+03	3.470459e+03
[39661]	3.119838e+03	3.596897e+03	1.323719e+03	4.954671e+03	1.884620e+03
[39666]	3.971943e+03	3.181175e+03	2.676779e+03	4.099843e+03	4.347170e+03
[39671]	2.630220e+03	1.855981e+03	1.968051e+03	2.919144e+03	1.674227e+03
[39676]	4.350966e+03	1.970090e+03	2.749902e+02	2.584616e+03	5.271774e+03
[39681]	1.977967e+03	4.495144e+03	8.426498e+03	2.301589e+03	3.464522e+03
[39686]	4.205312e+03	2.714085e+03	3.463826e+03	1.348781e+02	2.867862e+03
[39691]	5.211206e+03	3.938707e+03	2.683737e+03	3.300123e+03	4.430301e+02
[39696]	1.017220e+03	1.586372e+03	5.127672e+03	-1.448927e+03	1.840449e+03
[39701]	4.571955e+03	3.545060e+03	3.179579e+03	4.806795e+03	2.259431e+03
[39706]	1.943622e+03	3.012803e+03	2.660115e+03	3.782315e+03	5.231307e+03
[39711]	1.363711e+03	5.697316e+02	5.153608e+03	4.105288e+03	2.163343e+03
[39716]	3.272662e+03	2.395626e+03	1.075623e+03	4.407832e+03	4.134789e+03
[39721]	4.166103e+03	3.752357e+02	9.376459e+02	3.265477e+02	4.216420e+03
[39726]	5.679854e+03	4.202849e+03	3.708470e+03	3.821335e+03	7.541783e+02
[39731]	5.342960e+03	3.045962e+03	3.488514e+03	2.770438e+03	2.950032e+03
[39736]	2.358478e+03	3.227304e+03	3.025267e+03	1.591560e+03	3.607307e+03
[39741]	6.744894e+03	3.040684e+03	2.647059e+03	1.249315e+03	7.440836e+02
[39746]	5.640096e+03	4.079615e+03	4.177074e+03	2.415703e+03	4.024432e+03
[39751]	3.168265e+03	4.783400e+03	3.344958e+03	4.832047e+03	3.659171e+03
[39756]	4.177362e+03	4.354227e+03	1.849342e+02	3.503163e+03	3.110572e+03
[39761]	4.666632e+03	5.600927e+03	6.366213e+03	5.347294e+03	5.389639e+03
[39766]	2.702489e+03	3.121080e+02	3.746493e+03	1.769489e+03	2.702069e+03
[39771]	3.767548e+03	2.079550e+03	2.858969e+03	3.844895e+03	1.457825e+03
[39776]	2.000480e+03	5.279424e+03	2.053704e+03	3.099140e+03	5.631277e+03
[39781]	2.224421e+03	5.010528e+03	3.351209e+03	1.300026e+03	3.859816e+03
[39786]	2.518183e+03	-1.023608e+03	4.513772e+03	5.657773e+03	4.287170e+03
[39791]	3.362807e+03	5.436250e+03	2.980465e+03	3.592100e+03	4.994574e+03
[39796]	4.661939e+03	1.751027e+03	4.473814e+03	4.851594e+03	4.383162e+03
[39801]	3.361190e+03	2.854558e+03	7.141630e+03	3.868743e+03	2.062635e+03
[39806]	2.185570e+03	3.620643e+03	4.997945e+03	4.415447e+03	4.329396e+03
[39811]	2.939566e+03	2.506939e+03	2.330651e+03	3.895092e+03	4.790456e+03
[39816]	2.276496e+03	2.760251e+03	-1.839056e+02	9.588825e+02	4.005213e+03

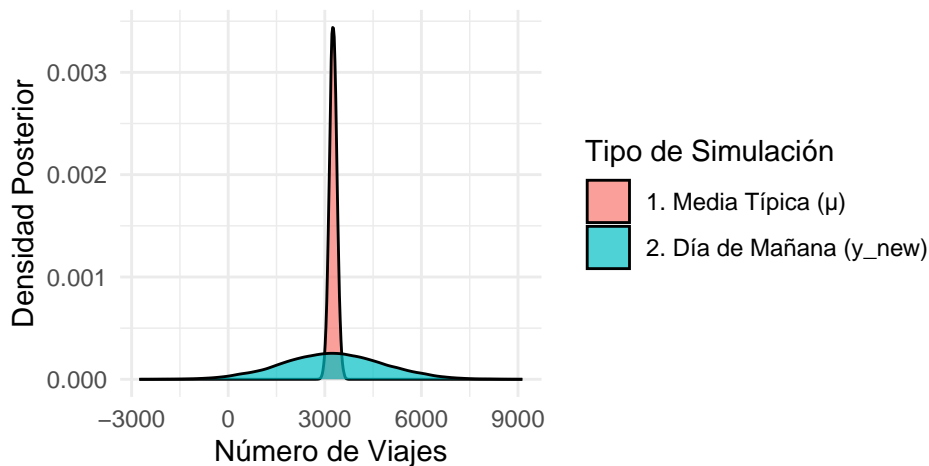
[39821]	2.357378e+03	3.608411e+03	2.458638e+03	3.179915e+03	5.539336e+03
[39826]	2.733027e+03	4.378628e+03	6.674438e+03	4.050370e+03	3.506823e+03
[39831]	5.432232e+03	5.173747e+03	4.014872e+03	5.387127e+03	5.078689e+03
[39836]	3.783880e+03	2.528329e+03	4.087813e+03	1.844887e+03	7.501155e+03
[39841]	3.532986e+03	4.055103e+03	2.800557e+03	1.885392e+03	4.896575e+03
[39846]	3.528751e+03	1.494064e+03	4.215265e+03	2.726899e+03	2.896998e+03
[39851]	2.335974e+03	2.247534e+03	5.123194e+03	-1.733295e+02	5.784813e+03
[39856]	1.880087e+03	2.418643e+03	7.584071e+03	3.124276e+03	4.406027e+03
[39861]	3.841704e+03	3.388391e+03	3.194005e+03	3.216060e+03	4.531242e+03
[39866]	3.779349e+03	4.708506e+03	3.557658e+03	1.051888e+03	2.032620e+02
[39871]	1.039704e+03	3.789388e+03	2.659804e+03	2.961363e+03	3.474829e+03
[39876]	4.126514e+03	4.323581e+03	2.621846e+03	3.985473e+03	2.490763e+03
[39881]	5.491090e+03	5.783842e+03	3.779379e+03	2.899841e+03	3.781949e+03
[39886]	4.311665e+03	2.038168e+03	2.746300e+03	2.990912e+03	1.674185e+03
[39891]	4.353481e+03	3.739424e+03	2.821408e+03	3.551570e+03	2.776516e+03
[39896]	-3.367369e+02	2.709275e+03	4.829529e+03	3.435944e+03	4.372540e+03
[39901]	4.950793e+03	1.361143e+03	7.051693e+03	5.661718e+03	6.093025e+02
[39906]	6.868430e+03	3.200199e+03	2.349161e+03	5.964048e+03	3.487626e+03
[39911]	1.650591e+03	3.807210e+03	1.525545e+03	4.611689e+03	2.524971e+03
[39916]	3.988004e+03	3.363475e+03	4.285391e+03	2.288803e+03	7.100454e+03
[39921]	4.849752e+03	4.370302e+03	4.328330e+03	3.834485e+03	3.532192e+03
[39926]	5.213947e+03	1.967270e+03	8.159057e+02	2.427001e+03	4.292466e+03
[39931]	3.911698e+03	3.289548e+03	5.282782e+03	3.349012e+03	5.768431e+03
[39936]	2.568669e+03	3.725440e+03	2.074964e+03	2.781970e+03	4.118397e+03
[39941]	3.015377e+03	3.407125e+03	5.652496e+03	3.346803e+03	3.742082e+03
[39946]	3.365606e+02	4.801184e+03	2.395498e+03	3.951065e+03	3.480048e+03
[39951]	3.136436e+03	3.385591e+03	1.744911e+03	1.993012e+03	4.074207e+03
[39956]	2.151872e+03	2.658271e+03	3.094853e+03	2.091640e+03	1.063158e+02
[39961]	5.322742e+03	2.495705e+03	6.309479e+03	3.337037e+03	4.879916e+03
[39966]	4.356393e+02	5.387117e+03	4.986930e+03	3.397816e+03	2.548025e+03
[39971]	2.985909e+03	3.686810e+03	2.366019e+03	2.979491e+03	5.154745e+03
[39976]	5.482293e+02	1.867389e+03	1.478427e+03	3.781767e+03	5.406557e+03
[39981]	3.223611e+03	2.570053e+03	2.349378e+03	4.326906e+03	2.813080e+03
[39986]	2.003031e+03	5.754338e+03	1.985287e+03	3.052361e+03	5.761630e+03
[39991]	3.159104e+03	-8.285107e+02	3.745301e+03	4.814827e+02	6.459839e+03
[39996]	1.678939e+03	5.692317e+02	1.520976e+03	3.759875e+03	4.708176e+03

Tenemos entonces que el objeto viajes2\_promedio\_H90 representa un número plausible de viajes para un solo día con 90% de humedad.

Si graficamos ambos modelos obtenemos:

## Comparación de Incertidumbre: Media vs. Predicción

Para humidity = 90%



Se observa que ambas distribuciones están centradas en prácticamente el mismo valor, pero la dispersión del modelo que representa el día siguiente es mucho mayor que la del modelo de la media. La gráfica de la media muestra la incertidumbre del modelo, mientras que la gráfica del día siguiente muestra la incertidumbre sobre la predicción. Tiene en cuenta la incertidumbre del modelo y la de los datos también, por lo tanto, es más acertado que el modelo que predice un evento específico. Presenta una realidad más balanceada.

Luego, nos interesa calcular el IC al 80% para el día siguiente, donde usamos el segundo modelo simulado.

10%	90%
1247.188	5284.125

Por lo tanto, con un 80% de confianza sabemos que el número de viajes en bicicleta el día siguiente, sabiendo que hay un 90% de humedad, se encontrará en el intervalo [1247 ; 5284].

Finalmente, nuestro objetivo es comprobar que lo anterior es correcto con la función `posterior_predict()`:

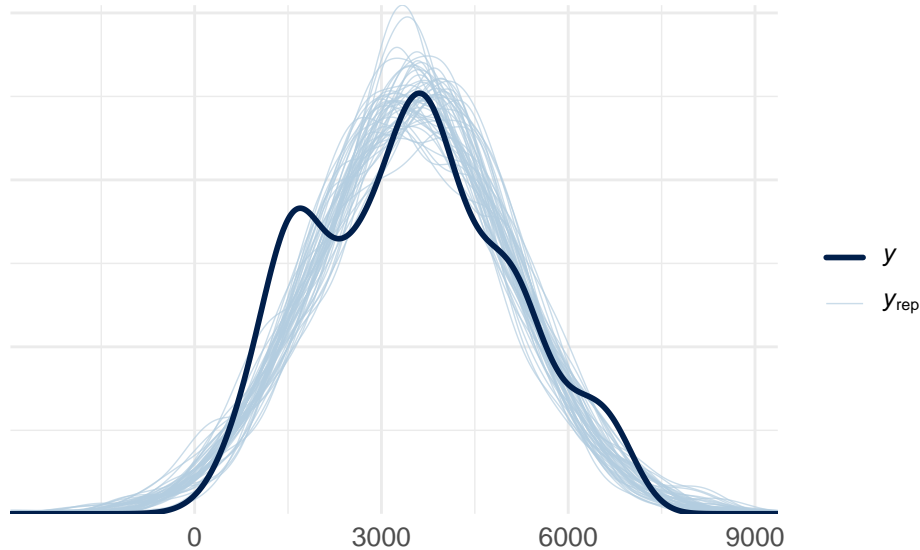
10%	90%
1246.966	5302.915

Se observa que el intervalo obtenido es prácticamente igual al calculado de forma manual anteriormente. Por lo tanto, la simulación se realizó correctamente.

Ahora, queremos evaluar nuestro modelo de regresión lineal, queremos saber qué tan “justo” o adecuado es. Para eso se utilizan diversas funciones de diagnóstico.

Comenzamos con la función `pp_check()` (posterior predictive check) de `rstanarm`. Lo que pretende estudiar es si los datos simulados son coherentes con los datos reales, los muestreados. La curva `y` representa los datos reales, mientras que las curvas `y_rep` fueron las simuladas.

Observamos que `y` es bimodal, mientras que las `y_rep` son unimodales. No logramos que las curvas simuladas contemplen esta bimodalidad. Esto no significa necesariamente que el modelo de viajes en bicicleta sea malo, ya que el mismo nos aportó información que no teníamos antes, pero claramente puede mejorar. Quizá necesitaríamos implementar una simulación que contemple de forma explícita la bimodalidad.

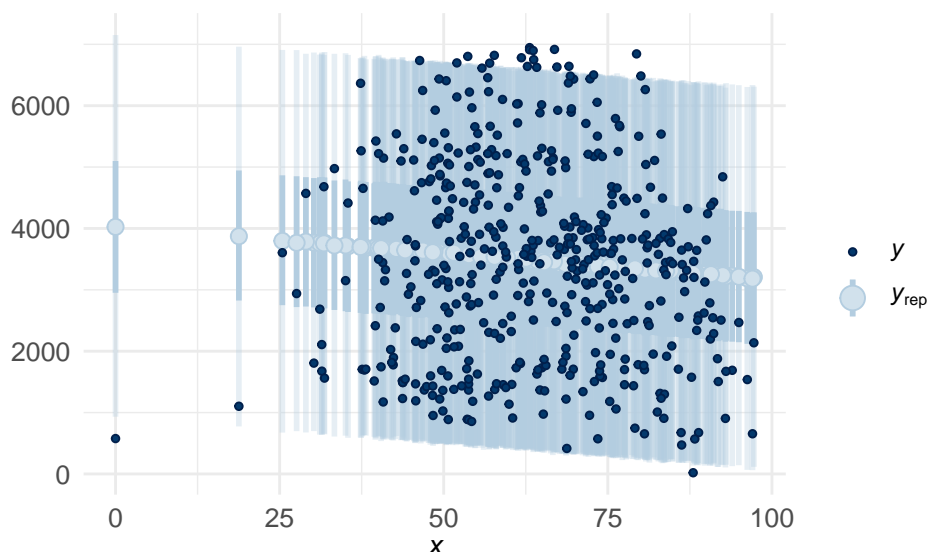


Por otro lado, analizamos la función `ppc_intervals()`, de `bayesplot`, la cual es un complemento de `pp_check()`. Esta nos proporciona un resumen visual sobre aproximadamente 500 modelos posteriori predictivos. Nos enfocamos en los valores individuales. Queremos ver qué tan bien se ajustan los intervalos de confianza que se generaron para los valores con los reales correspondientes. Tenemos dos tipos de IC diferentes: por un lado los indicados por `prob = 0.5` (IC 50%), que visualmente son las barras más marcadas, y por otro lado los indicados por `prob_outer = 0.95` (IC 95%), que son las líneas más delgadas. El eje `x` representa `humidity`, mientras que los puntos `y` son los datos muestreados para cada nivel de humedad. Las rectas `y_rep` indican las predicciones para cada punto.

Observamos que la mayoría de los datos muestreados se encuentran contenidos en los respectivos intervalos de confianza. Solamente algunos pocos caen fuera de los IC del 95%. Esto implica que el modelo se ajusta bien a la realidad, predice de forma correcta.

Esto puede parecer contrario a los que vimos en `pp_check()`. Sin embargo, como fue mencionado anteriormente, no es que el modelo estuviera mal, simplemente no contemplaba

todos sus aspectos. Con este nuevo diagnóstico confirmamos que el modelo simula correctamente la dispersión de los datos, pero no logra aproximar correctamente qué “forma” tienen los mismos.



Por último, utilizamos `prediction_summary` del paquete `bayesrules`. Este nos proporciona el análisis cuantitativo que nos faltó en las dos funciones de diagnóstico que vimos. Utiliza tres medidas de resumen diferentes. La primera es `mae` (Median Absolute Error). Este valor es la mediana de todos los errores de predicción absolutos (mide la diferencia típica entre lo observado y las medias del modelo predictivo posteriori). La segunda es `mae_scaled`, que nos dice el número típico de desviaciones típicas de los datos observados que “caen” de sus medias posteriori predictas. La tercera es `within_50` y `within_95`, que nos da la proporción de datos que se encuentran contenidos en sus correspondientes IC del 50% y 95%.

En nuestro caso, `mae` es aproximadamente 1165, lo que quiere decir que el 50% de las predicciones tuvieron un error absoluto igual o menor a 1165 viajes, mientras que la otra mitad tuvo un error igual o mayor a esa cantidad de viajes. El error parece ser grande, lo que indica que el modelo podría no llegar a ser preciso, lo cual es coherente con lo que vimos en `pp_check()`.

En cuanto a `mae_scaled`, tenemos que esta vale aproximadamente 0.74. Esto significa que el Median Absolute Error es aproximadamente 74% de la desviación típica total de los datos sobre viajes en bicicleta. Por lo tanto, se confirma que el modelo es poco preciso. Se confirma la sospecha que se tenía de `mae`.

Finalmente, `within_50` nos muestra que aproximadamente el 46% de los viajes en bicicleta “cayeron” dentro de sus correspondientes IC del 50%, lo que es muy bueno. Por otra parte, `within_95` nos dice que el 96% de los viajes “cayeron” dentro de sus respectivos IC del 95%, lo que también es una buena señal. Entonces, a pesar de que el modelo no es preciso, representa

de forma casi perfecta la incertidumbre. Entonces, ¿nuestro modelo es “justo”? La respuesta es que depende de nuestros objetivos y qué análisis hagamos de todo esto, es muy relativo.

	mae	mae_scaled	within_50	within_95
1	1165.385	0.7400281	0.462	0.964

## Fuentes utilizadas:

<https://www.scribbr.com/methodology/explanatory-and-response-variables/> [https://rpubs.com/cristina\\_gil/regresion\\_lineal\\_simple](https://rpubs.com/cristina_gil/regresion_lineal_simple)

[https://ggplot2.tidyverse.org/reference/geom\\_smooth.html](https://ggplot2.tidyverse.org/reference/geom_smooth.html)

[https://www.rdocumentation.org/packages/ggplot2/versions/2.0.0/topics/geom\\_smooth](https://www.rdocumentation.org/packages/ggplot2/versions/2.0.0/topics/geom_smooth)

<https://www.maximaformacion.es/blog-dat/que-es-la-regresion-local-loess-o-lowess/>