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May 30, 2002

Ms. Blanca S. Bayo, Director
Division of the Commission Clerk and Administrative Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee FL 32399-0870

Dear Ms. Bayo:

Enclosed are an original and fifteen copies of Gulf Power Company's 2001 Cost of Service Load Research Study which is filed pursuant to Rule 25.6.0437(7).

Sincerely,

Susan D. Ritenour (lw)

Susan D. Ritenour
Assistant Secretary and Assistant Treasurer

lw

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2001 Cost of Service
Load Research Rule
DOCKET NO. 820491-EU
GULF POWER COMPANY
May 30, 2002
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Results of the
2001 Cost of Service
Load Research Study

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INTRODUCTION

The purpose of this document is to meet the filing requirements of the Cost of Service Load Research Rule, Docket No. 820491-EU, Order No. 13026, issued February 23, 1984, by the Florida Public Service Commission.

This rule requires the reporting of results of each load research study conducted in accordance with the specifications of this rule within 120 days following completion of the study. The results reported within this report are for load research studies conducted between January 1, 2001, and December 31, 2001.

A rate data summary is provided on Tables 1A and 1B and provides a comparison of various significant variables between rate classes. The number of sample points for each rate class is provided in these tables, as well as the coincident system peak (CP) demand, summer and winter CP demands, and relative accuracies.

TABLE 1A
 Rate Data Summary
 2001

<u>Rate</u>	<u>Year End Customers</u>	<u>Annual MWh</u>	<u>% of Total</u>	<u>System CP kW (2001)</u>	<u>% of Total</u>
RS/RST	325,212	4,713,279	42.1%	1,036,640	46.5%
GS/GST	26,769	256,183	2.3%	60,551	2.7%
GSD/GSDT	14,739	2,282,311	20.4%	429,414	19.2%
LP	160	543,420	4.9%	86,187	3.9%
LPT	106	1,399,227	12.5%	203,261	9.1%
RTP	7	430,352	3.8%	38,120	1.7%
SBS	2	87,004	0.8%	53,864	2.4%
CISR/CSA	2	331,815	3.0%	38,826	1.7%
Others (1)	<u>9,563</u>	<u>1,148,268</u>	<u>10.3%</u>	<u>284,137</u>	<u>12.7%</u>
TOTAL	376,520	11,191,859	100.0%	2,231,000	100.0%

(1) Sales for Resale, Rates OS and PXT, unbilled, Interdepartmental, company use, losses and SEPA allocation.

TABLE 1B
 Rate Data Summary
 2001

<u>Rate</u>	<u>Sample Points</u>	<u>% of Total</u>	<u>Summer CPKW</u>	<u>Relative Accuracy (%)</u>	<u>Winter CPKW</u>	<u>Relative Accuracy (%)</u>
RS/RST	225	25.0%	1,036,640	4.02	1,202,847	5.60
GS/GST	380	43.0%	60,551	5.49	49,891	6.02
GSD/GSDT	160	18.0%	429,414	3.96	280,229	6.86
LP	59	7.0%	86,187	3.45	58,696	5.35
LPT	49	6.0%	203,261	0.83	150,267	1.42
RTP	6	1.0%	38,120	0.00	48,220	0.00
SBS	2	0.2%	53,864	0.00	0	0.00
CISR/CSA	2	0.2%	38,826	0.00	39,544	0.00
Others (1)	<u>3</u>	<u>0.3%</u>	<u>284,137</u>	N/A	<u>284,306</u>	N/A
TOTAL	884	100.0%	2,231,000	N/A	2,114,000	N/A

(1) Sales for Resale, Rates OS and PXT, unbilled, Interdepartmental, company use, losses and SEPA allocation.

SAMPLE DESIGN METHODOLOGY

The Load Research Sampling Plan that was used in this study was approved by the Commission in 2000. The results of the 1999 load research study were utilized to determine estimates of variance for each rate class. These results provided a relatively accurate estimate of the variance, which was used in the sample design of the 2001 plan.

The combined ratio estimator methodology was used for the sample size estimates. The formulas for this plan are provided in Table 2. The definitions for the variables used in these formulas are provided in Table 3.

Stratified random sampling was used within each rate class design to achieve better accuracy with fewer sample points. The actual calculations for each rate class, which provide sample size determinations for both summer and winter peaks, are provided within the Cost of Service Load Research Plan submitted to the Commission for approval. Provided in Table 4 are the strata allocation and sample design for each rate class.

TABLE 2

Formula for Sample Plan

I. Sample Size Estimates Using Combined Ratio Estimator:

$$n = \frac{\left[\sum_{h=1}^L W_h \sqrt{F_h} \right]^2}{\left[\frac{D \left(\frac{\hat{T}_y}{N} \right)}{1.65} \right]^2 + \frac{1}{N} \sum_{h=1}^L W_h F_h}$$

$$F_h = S_{yh}^2 + \left(\hat{R}^2 * S_{xh}^2 \right) - 2 \hat{R} r_h * S_{yh} * S_{xh}$$

$$\hat{T}_y = \hat{R} * T_x$$

II. Neyman Allocation of Sample Points to Strata

$$\hat{R} = \frac{\sum_{h=1}^L W_h \bar{y}_h}{\sum_{h=1}^L W_h \bar{x}_h}$$

$$n_h = \frac{W_h S_{yh}}{\sum_{h=1}^L W_h S_{yh}} * n$$

TABLE 3

Definitions for Formulas

n = Sample Size Estimate

n_h = Stratum Sample Size

W_h = Stratum Weight

D = Percent Relative Accuracy (0.1)

$\hat{}$

T_y = Estimated Population CPKW

N = Population Number of Customers

$\hat{}$

R = Ratio Estimator

T_x = Population kWh

\bar{Y}_h = Stratum Average CPKW

S_{yh} = Stratum Standard Deviation of CPKW

\bar{X}_h = Stratum average monthly kWh

S_{xh} = Stratum standard deviation of monthly kWh

r_h = Stratum correlation coefficient between CPKW & Monthly kWh

μ_y = Population mean for CPKW

Subscripts

h = Stratum number

y = CPKW variable

x = Monthly kWh variable

TABLE 4

GULF POWER COMPANY
2001 Cost of Service Load Research Rule Sample Size

<u>Rate</u>	<u>Strata Allocation</u>	<u>Sample Size</u>	
RS	1) MF GT 900 kWh	23	
	2) MF 0-900 kWh	22	
	3) MH	30	
	4) SFD 1251-2000 kWh	53	
	5) SFD GE 2001 kWh	48	
	6) SFD 0-1250 kWh	49	
	TOTAL	225	
GS	1) 0-500 kWh	101	
	2) 501-1000 kWh	94	
	3) 1001-1700 kWh	88	
	4) over 1700 kWh	97	
	TOTAL	380	
GSD	1) 0-20.0 kW	38	
	2) 20.1-50.0 kW	38	
	3) 50.1-130.0 kW	39	
	4) over 130.0 kW	45	
	TOTAL	160	
LP	1) Less than 800 kW	30	
	2) 800 kW and greater	29	(census)
	TOTAL	59	
LPT	1) Less than 1000 kW	20	
	2) 1000 kW and greater	29	(census)
		49	
PXT	1) All customers	1	(census)
RTP	1) All customers	6	(census)
SBS	1) All customers	2	(census)
CISR/CSA	1) All customers	2	(census)
	TOTAL	884	

DATA ANALYSIS METHODOLOGY

Load profiles for each rate schedule were estimated using the combined ratio technique. The equation used to calculate the demand estimate for each hour of the year is provided below. The definitions for the variables for these formulas are provided in Table 5.

Load profiles were balanced to territorial input as follows:

$$\begin{aligned}
 &(\text{Input kW}) - (\text{Losses}) - (\text{Rate 1 kW}) - (\text{Rate 2 kW}) - \dots \\
 &\quad - (\text{Rate } n\text{ kW}) = \text{Residual kW}
 \end{aligned}$$

This residual profile was distributed to the rate schedule profiles by allocating on the standard deviation(s) of the demand estimate, i.e.:

$$\text{Rate}_i \text{ kW} = \text{Rate}_i \text{ kW} + \text{Residual kW} \frac{S_i}{S_1 + S_2 + \dots + S_i + \dots + S_n}$$

The coincident and non-coincident demands and residential load profile shown in this report have been adjusted per this balancing process. Confidence intervals and relative accuracies are based on unadjusted estimates of demand. The average of the estimated peak demand, confidence intervals, and relative accuracies are also based on unadjusted estimates of demand.

TABLE 5

Definitions for Formulas

\hat{T}_y

= Estimated Population Hourly kW

\hat{T}_x

= Population Monthly kWh

R

= Ratio Estimator

W_h = Stratum Weight

\bar{Y}_h = Stratum Sample Average Hourly kWh

\bar{X}_h = Stratum Sample Average Monthly kWh

$\hat{V}(T_y)$ = Estimated Variance of T_y

n_h = Stratum Number of Good Sample Points

$N_h = W_h N_h$; N = Population Number of Customers

S_{yh} = Stratum Sample Standard Deviation of kW

S_{xh} = Stratum Sample Standard Deviation of kWh

r_h = Stratum Correlation Coefficient Between kW & kWh

$S = \sqrt{\hat{V}(T_y)}$ = Estimated Standard Deviation of T_y

Subscripts

h = Stratum number

v = kW variable

L = Total Number of Strata

x = kWh variable

STUDY RESULTS

Provided on the following tables are the rate class estimated non-coincident and coincident peak kW demands for each month of the year 2001. The relative accuracy and the confidence interval at the 90% confidence level are also provided. Results for rate classes RS/RST, GS/GST, GSD/GSDT, LP, LPT, SBS, RTP, and CISR/CSA are included. Following this data are the 8760 hourly demands for rate class RS/RST for calendar year 2001. Provided also on Table 6 are the monthly coincident and non-coincident peak demands, dates and times.

TABLE 6
2001
Coincident and Non-Coincident Peak Demand
Days and Hours

MONTH	Coincident Peak		Non-Coincident Peaks															
			RS	GS	GSD		LP	LPT		RTP	SBS		CISA/CSR					
JAN	4	0700	2	0800	2	1000	3	1100	29	1100	19	1100	16	1800	2	2200	9	0900
FEB	6	0700	6	0700	2	1100	28	1400	28	1400	28	1400	28	1100	12	0100	11	0400
MAR	20	1900	20	1900	20	1100	2	1400	30	1200	2	1300	3	1300	3	2100	19	2000
APR	13	1700	14	1700	10	1500	10	1500	24	1500	12	1400	16	1000	13	2200	24	2100
MAY	31	1700	28	1800	31	1500	29	1500	21	1400	31	1500	30	0900	30	2300	1	2300
JUN	4	1700	17	1700	19	1500	21	1400	7	1300	6	1400	28	1200	2	2200	28	2200
JUL	23	1600	23	1800	20	1500	19	1500	9	1400	12	1400	5	2100	31	0600	13	1300
AUG	15	1700	25	1700	1	1600	29	1300	21	1100	29	1400	29	2100	16	0500	7	0100
SEP	10	1600	10	1800	6	1400	6	1300	6	1300	6	1300	15	1900	29	1000	12	1000
OCT	24	1600	29	0700	24	1500	24	1200	24	1200	24	1400	27	0100	16	0900	23	2200
NOV	26	1900	22	0900	27	1400	26	1300	19	1100	27	1400	5	2100	28	0500	29	1000
DEC	27	0800	27	0800	27	1000	13	1400	13	1400	13	1400	11	1700	28	0500	13	2000

GULF POWER COMPANY
 LOAD RESEARCH DATA
 RATE SCHEDULE RS/RST
 January 2001 to December 2001

2001	Estimated NonCoincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %	Estimated Coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %
JAN	1214864	66378	5.11	1202847	70107	5.60
FEB	896328	62457	6.40	896328	62457	6.40
MAR	826432	63327	7.69	826432	63327	7.69
APR	817093	55786	6.04	746781	59860	7.28
MAY	931257	54517	6.35	878211	45763	5.25
JUN	1030356	56626	5.45	970021	50137	5.21
JUL	1098111	53389	4.40	1036640	44695	4.02
AUG	1050372	58329	5.28	995500	45645	4.29
SEP	997366	51430	5.00	953957	45720	4.55
OCT	747323	59819	9.25	682241	48031	7.03
NOV	654089	61523	9.83	643968	46709	8.05
DEC	972857	78965	9.26	972857	78965	9.26
AVG				900482	21837	2.38

GULF POWER COMPANY
 LOAD RESEARCH DATA
 RATE SCHEDULE GS/GST
 January 2001 to December 2001

2001	Estimated NonCoincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %	Estimated Coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %
JAN	68003	5759	8.25	49891	3133	6.02
FEB	50497	3816	7.65	26995	2537	8.40
MAR	55676	4691	8.74	34367	3047	8.90
APR	57270	3640	6.28	43571	3286	6.89
MAY	64968	3744	5.88	57578	3268	5.72
JUN	66918	3907	5.93	57711	3254	5.69
JUL	63985	3543	5.18	60551	3667	5.49
AUG	65141	3870	5.79	56833	3620	5.82
SEP	63378	3742	5.73	59232	3650	5.77
OCT	54079	4126	7.31	53647	3827	7.13
NOV	48514	3877	8.39	25949	1815	7.73
DEC	53796	4888	10.78	42180	3862	10.64
AVG				47375	1673	3.44

GULF POWER COMPANY
 LOAD RESEARCH DATA
 RATE SCHEDULE GSD/GSDT
 January 2001 to December 2001

2001	Estimated NonCoincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %	Estimated Coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %
JAN	363137	22127	6.01	280229	20168	6.86
FEB	354202	18594	5.59	197648	13055	6.09
MAR	356999	20089	5.64	281814	18104	6.44
APR	398436	20606	5.12	354973	18809	4.97
MAY	424113	18364	4.35	409684	18128	4.45
JUN	441980	20748	4.70	410374	16616	4.08
JUL	454141	18698	4.17	429414	18220	3.96
AUG	458669	22032	4.80	439859	20472	4.35
SEP	450337	21077	4.65	425075	20016	4.48
OCT	413798	22783	5.60	405875	22620	5.57
NOV	388327	21088	5.77	301968	12808	4.50
DEC	362599	21056	6.05	257482	18180	7.91
AVG				349533	9551	2.68

GULF POWER COMPANY
 LOAD RESEARCH DATA
 RATE SCHEDULE LP
 January 2001 to December 2001

2001	Estimated NonCoincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %	Estimated Coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %
JAN	73088	4571	6.62	58696	3261	5.35
FEB	83741	4027	5.09	49875	3072	5.71
MAR	75400	3574	5.15	57645	3750	6.52
APR	83990	4177	5.09	67114	4517	6.21
MAY	90774	3285	3.73	86473	3322	3.86
JUN	94495	3738	4.09	85014	3364	3.98
JUL	97873	3984	4.07	86187	3163	3.45
AUG	97616	4949	5.20	86145	3840	4.18
SEP	100533	4439	4.39	91422	4130	4.30
OCT	94352	4850	5.22	91864	3924	4.27
NOV	90711	4443	5.49	79256	3664	4.94
DEC	88483	5124	6.03	62199	5075	9.32
AVG				75158	1839	2.41

GULF POWER COMPANY
 LOAD RESEARCH DATA
 RATE SCHEDULE LPT
 January 2001 to December 2001

2001	Estimated NonCoincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %	Estimated Coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %
JAN	167225	2502	1.49	150267	2150	1.42
FEB	183371	1443	0.79	151749	2166	1.40
MAR	171279	1368	0.80	140094	1323	0.94
APR	187256	1641	0.87	174193	2037	1.15
MAY	204827	1239	0.61	195995	1134	0.58
JUN	217878	1486	0.68	205013	1035	0.51
JUL	217795	1526	0.70	203261	1702	0.83
AUG	226036	1430	0.63	212094	1360	0.64
SEP	235753	1705	0.72	227469	1727	0.75
OCT	221454	1320	0.60	216231	997	0.46
NOV	198795	1274	0.64	179116	936	0.53
DEC	189063	1306	0.69	141828	1572	1.13
AVG				183109	1092	0.59

GULF POWER COMPANY
 LOAD RESEARCH DATA
 RATE SCHEDULE RTP
 January 2001 to December 2001

2001	Estimated NonCoincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %	Estimated Coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %
JAN	67720	0	0.00	48220	0	0.00
FEB	64700	0	0.00	37453	0	0.00
MAR	63670	0	0.00	39126	0	0.00
APR	66011	0	0.00	49915	0	0.00
MAY	73597	0	0.00	62141	0	0.00
JUN	65003	0	0.00	62469	0	0.00
JUL	64054	0	0.00	38120	0	0.00
AUG	69100	0	0.00	32057	0	0.00
SEP	79315	0	0.00	50612	0	0.00
OCT	78325	0	0.00	68713	0	0.00
NOV	81402	0	0.00	61457	0	0.00
DEC	71082	0	0.00	30987	0	0.00
AVG				48439	0	0.00

GULF POWER COMPANY
 LOAD RESEARCH DATA
 RATE SCHEDULE SBS
 January 2001 to December 2001

2001	Estimated NonCoincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %	Estimated Coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %
JAN	52898	0	0.00	0	0	0.00
FEB	35890	0	0.00	0	0	0.00
MAR	57420	0	0.00	0	0	0.00
APR	56293	0	0.00	55379	0	0.00
MAY	30778	0	0.00	0	0	0.00
JUN	31783	0	0.00	0	0	0.00
JUL	55752	0	0.00	53864	0	0.00
AUG	4647	0	0.00	0	0	0.00
SEP	12962	0	0.00	0	0	0.00
OCT	2177	0	0.00	0	0	0.00
NOV	1103	0	0.00	0	0	0.00
DEC	0	0	0.00	0	0	0.00
AVG				9104	0	0.00

Gulf Power Company
 Load Research Data
 Rate Schedule CSA
 January 2001 to December 2001

2001	Estimated NonCoincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %	Estimated Coincident Peak (KW)	90% Confidence Interval (KW)	Relative Accuracy %
JAN	40365	0	0.00	39544	0	0.00
FEB	40462	0	0.00	39295	0	0.00
MAR	40437	0	0.00	40214	0	0.00
APR	40786	0	0.00	39432	0	0.00
MAY	40573	0	0.00	36029	0	0.00
JUN	39509	0	0.00	35925	0	0.00
JUL	40507	0	0.00	38826	0	0.00
AUG	40712	0	0.00	39026	0	0.00
SEP	40497	0	0.00	39024	0	0.00
OCT	40502	0	0.00	39788	0	0.00
NOV	39467	0	0.00	38854	0	0.00
DEC	39984	0	0.00	39242	0	0.00
AVG				38767	0	0.00

2001 Cost of Service
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GULF POWER COMPANY
 RATE SCHEDULE RS/RST
 JANUARY 1, 2001 TO DECEMBER 31, 2001
 HOURLY DEMANDS (KW)

010101	956257	912395	902851	898924	903485	903403	923352	960605	1011587	993739	939312	907336
828659	774801	752122	758734	809085	888228	930758	946861	957323	947926	893145	859502	859502
010201	880990	883385	922323	953765	1001874	1068905	1183205	1214864	1116089	1042514	965497	877516
803636	732979	724797	753605	861481	982569	1052162	1057018	1030910	1020470	956407	914872	914872
010301	904483	902589	922239	934393	979150	1072368	1180898	1164906	1048932	991233	912928	879785
859042	815222	781562	839457	915278	1039736	1104648	1126242	1122779	1122779	1102753	1062485	999881
010401	992256	979541	983796	985153	1008198	1093701	1202847	1183707	1027216	920266	828605	758225
678054	608638	584991	587219	657101	823191	912860	951911	964684	949675	905895	845409	845409
010501	834879	827733	846878	870372	911335	979893	1099006	1072433	914957	762472	647993	567016
497313	444491	421080	417196	504135	614406	662225	657422	668944	639742	617819	575142	575142
010601	558259	556263	557695	596121	652257	714815	783301	872276	825784	751396	655038	589071
534606	491275	457953	459026	524023	632445	682818	694205	709482	709474	690200	658730	658730
010701	646517	656447	666998	687118	710294	745299	792643	852691	847165	735760	625955	534298
508543	474335	449796	450294	448604	552463	594775	585440	548874	487885	430396	361122	361122
010801	330776	301427	293995	286072	299216	408946	560270	571977	533815	502889	489298	447704
410076	379653	360826	424322	519483	672866	747081	737464	742836	729626	663328	619392	619392
010901	634278	633166	660713	692563	747159	866630	1005665	981514	837419	743557	700143	660436
618795	594847	554770	594563	672554	839238	911979	948015	946460	928527	880746	845949	845949
011001	810316	827040	851418	887466	925288	1024324	1142105	1090108	954673	821479	723936	667971
620018	589243	598621	609871	695137	798968	889272	885757	908432	899912	853649	767748	767748
011101	754822	745182	755426	761018	784966	872058	963245	915023	835469	767708	747804	711046
674428	627802	600368	608717	643096	696776	715573	680029	638705	576427	544740	493966	493966
011201	388711	372820	381873	387806	406757	519511	652016	674435	613981	619842	610753	579501
576755	515892	475543	492514	586771	716704	778833	763607	755809	735883	695761	610724	610724
011301	609824	587348	602148	606452	628614	673030	733200	801886	825173	786165	700783	619869
553209	508185	490893	483363	552451	635786	661651	647908	629311	602660	566005	527614	527614
011401	492890	476073	483402	485727	505829	543326	585897	662732	657312	597892	546772	497718
491451	452302	431557	414016	435899	517971	534302	520471	502972	455233	433067	385707	385707
011501	345491	327855	324595	325523	332700	378432	445537	486580	485224	485880	468040	433407
415155	397306	392931	404531	453228	534734	562421	549177	532549	484810	416905	349744	349744
011601	313105	292053	299806	301747	328414	422739	557029	553512	487672	458048	433661	417581
419893	400736	437286	476507	546817	670582	720790	696129	654671	622048	564063	478718	478718
011701	422308	405488	398265	401321	422162	504744	635150	616748	516003	480716	421566	377384
351931	324647	321761	336776	403775	491859	518752	515923	493244	468074	393113	321374	321374
011801	278429	264597	260000	260122	268149	341703	457038	448688	395588	344375	312824	295739
281233	276873	297611	314588	354449	442950	510124	486193	444689	420027	365944	303596	303596
011901	252400	238816	216192	207776	222704	276564	392242	414271	355801	347241	344364	335331
345623	330678	328079	348621	397239	473869	519415	522746	525751	537237	531416	515446	515446
012001	501589	496108	511264	544790	572891	647497	689863	801227	864430	819199	773510	722085
664686	625267	584373	597382	662355	791084	825008	861738	855632	857089	843438	805537	805537
012101	799675	812774	825899	844936	879579	923072	981607	1048929	1038804	958484	870661	763968
711766	664285	650703	630391	672910	757502	894678	879252	885494	874049	831243	773295	773295
012201	757561	776152	792865	811761	874583	984114	1113001	1080003	919541	809605	706858	621110
572068	508802	488387	515144	590679	746718	856983	884595	877494	864206	807868	743803	743803
012301	734499	741552	748100	775977	815004	936369	1072541	1017944	844384	725639	605568	537921
465080	413361	415021	442990	538674	665826	737300	739791	735978	726174	697239	642342	642342
012401	641608	649884	684081	708377	755818	845203	988933	947537	776212	664748	575756	519188
458859	416996	404803	420589	485485	617759	705556	710703	711107	711420	636108	592419	592419
012501	570105	569537	578177	593739	637355	721110	863458	839298	689399	600454	547667	487575
442869	392672	388695	380378	471927	607688	737698	788103	780015	781340	742657	685103	685103
012601	695158	693409	717504	741941	784380	879607	1035242	979038	823883	685229	594826	474348
431618	389799	384718	403293	486470	566078	611380	591528	580630	558144	520978	456081	456081
012701	412287	393334	396004	385909	408782	425606	474071	547013	576670	541205	520896	484496
438910	425912	406871	401513	434058	491499	516220	489464	475234	447037	398570	334128	334128
012801	300818	293716	291894	299168	299183	354118	345012	485513	531639	502405	471952	438957
419177	406442	402508	410413	451764	485569	505015	513213	483907	456343	390909	322384	322384
012901	298242	278546	282822	288578	320637	386498	510708	488343	413599	384326	342797	340498
338880	320434	326487	344505	418741	504819	534224	519685	497911	447850	391963	318456	318456
013001	289527	276093	272148	278292	307610	387559	533119	532073	443805	383828	329500	316780
323039	289500	299163	327875	363128	463264	530435	529891	521220	469418	396052	330181	330181
013101	287718	287888	290195	279506	301609	384075	502161	499491	438887	398862	368729	348179
344975	332009	337532	351375	408606	494337	552887	550756	522604	481616	412681	345088	345088
020101	311583	299592	321438	317221	349087	437165	580880	592175	549259	516903	488866	468658
466205	447627	457270	487548	526669	630444	682456	682892	664062	639481	569413	493223	493223
020201	456693	457715	462158	466093	493196	578332	685881	722229	641690	597358	570345	550567
557327	545765	549532	586057	662662	749752	765325	729963	705588	691789	633555	587300	587300
020301	562858	571191	563893	573549	596745	637740	690588	789059	849068	817214	766178	700696
651249	634060	622371	607668	652888	714285	725102	722040	685129	659016	615893	556481	556481
020401	553197	529498	543227	556409	593996	625204	676702	752132	759981	713559	622391	557427
495073	467310	442967	442561	453827	546407	640435	657464	628565	603277	565535	505676	505676

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020501	485440	494484	503300	532624	588245	708565	853170	818526	664119	561373	474278	407256
	374624	338515	333501	343964	406861	517524	614030	626829	638447	623488	607808	542550
020601	525226	540783	557912	579528	607498	761535	896328	841287	648628	543140	444785	392076
	350754	312994	309119	320902	380565	474677	575083	592338	572657	563553	498010	436721
020701	439561	440096	445948	480810	505644	606854	752931	702404	539246	446324	390761	332653
	312799	311145	301596	322763	345375	434744	524859	521167	528101	517198	452282	405048
020801	377975	363717	373823	399026	436661	534216	681798	627874	505226	424976	370317	329535
	319503	301787	297133	315499	343018	430308	509386	490854	476564	441623	385367	323606
020901	293228	279301	284432	286738	313816	375929	518020	471656	391014	364019	324387	310022
	302861	290290	292512	316987	348795	416060	462036	436121	407263	412728	362639	290069
021001	264982	233981	221619	234328	232478	265987	323004	392641	460514	495167	532021	497791
	448431	420811	408117	398629	423916	495429	546108	530392	524318	505575	485535	446374
021101	430725	418968	419664	432697	446952	495673	547895	645967	677791	642579	585106	520781
	488873	442180	419433	423985	439818	501153	558785	567600	555842	511059	464149	406763
021201	351421	319608	322178	319026	334217	401903	538279	514745	427883	401498	383072	356937
	337161	323922	310487	337710	387042	472122	533990	517457	507610	445699	368855	302944
021301	270335	243635	245929	238727	259114	333729	460645	461485	403055	361289	337604	329302
	328216	328105	312133	327777	373407	451162	492473	504988	474225	432921	373160	314551
021401	260475	241638	239735	232964	240147	312095	429711	424050	362679	344266	332846	313365
	304342	305999	303551	309638	359449	429744	480834	465194	459332	427711	350513	274135
021501	245133	226881	221716	219110	225004	284271	402053	394257	352298	329765	310471	300504
	307977	311008	318283	325594	369441	428153	517680	503137	479572	444120	376273	292549
021601	255381	230844	216073	212461	224189	287166	389483	379742	343614	332623	334281	335890
	346961	354548	362821	378717	407533	460671	504147	474434	450875	422899	372499	305462
021701	267256	239630	233230	230490	251022	287958	356436	460244	513037	516719	498830	474069
	445520	420455	393294	387033	413489	474304	535890	545187	550437	537384	516962	461403
021801	478194	467564	486158	508268	542060	586198	672423	766864	787935	719073	636525	556400
	491919	475294	425555	397207	435243	478473	562746	571308	574026	553899	513438	480829
021901	463243	463347	476895	499995	510196	596137	710759	702427	612843	534886	471105	421358
	376736	354289	347137	358205	405029	472549	595971	553576	515020	485462	410708	335654
022001	307655	303853	291350	309638	320094	394753	530684	511042	431076	430706	367803	330698
	305265	289075	282731	309211	359489	423877	488104	466966	470539	433016	368151	279209
022101	241047	229133	213679	212445	234282	300625	418188	404885	354196	340991	329608	328335
	316662	322443	329958	340750	378555	431705	492387	489403	456212	430478	356800	281836
022201	244525	238648	229543	209809	231700	305453	417346	404459	346512	342814	324644	314138
	317765	308357	342035	349883	379910	432142	515085	496140	471124	442670	377073	288675
022301	256959	232790	228638	244399	271009	354152	510326	494548	428486	399692	345847	327019
	312881	295785	294764	312249	343464	396600	446809	451287	424968	407545	376046	308082
022401	266028	260054	242311	230481	239256	268718	301911	358089	411983	427814	436231	426183
	408732	391619	380186	379613	395672	439765	469631	449862	427829	400255	351339	305149
022501	273669	238162	216323	214266	216532	237774	272041	333096	401114	433544	438579	432409
	442685	432548	427962	428222	459491	506481	527337	506749	475375	438212	369596	293704
022601	259355	230506	225453	226993	236890	298751	436596	415754	359828	352774	361525	365424
	360414	360773	372707	396995	442175	484566	572159	578190	518758	472409	413914	327773
022701	299930	277068	269210	264970	257424	344904	463096	454872	389691	371383	366290	367416
	382355	401509	412958	423186	437812	510494	574254	574152	535011	498243	427357	346298
022801	253165	234434	226922	220577	272141	330095	457382	460018	418481	393744	393023	393174
	390609	372426	383766	413493	461765	499835	563519	543414	526598	489359	411375	328006
030101	267579	225450	224589	218140	233824	306659	429418	413864	375611	343162	323242	319370
	325631	323304	336998	348044	395416	441307	522086	514416	486176	452042	385334	308625
030201	259067	226493	221561	215695	228282	301721	411086	411878	368966	369509	388586	376958
	394455	403920	402876	417019	442784	482915	541563	534552	493059	457938	425946	369515
030301	317378	282309	258906	251307	258933	282014	324651	388987	445759	476647	506703	519187
	507841	504431	510494	505721	515758	555683	553203	516210	481555	452329	413853	330016
030401	288905	265245	257739	237352	236232	247412	292672	375156	420246	446387	444078	430093
	429243	417035	416041	405921	416862	463653	515411	525347	509221	457839	404156	337672
030501	303750	303760	300277	316850	334075	464400	629804	591465	498792	438551	403714	370695
	355348	341528	325491	340724	375129	465163	560870	596343	573389	539846	486126	425548
030601	396987	395915	407646	419160	479197	586372	745482	677406	567541	478106	424606	404179
	372898	339391	334775	347186	405493	480738	588224	597063	602212	566754	501998	440142
030701	405966	406854	419966	449617	506623	615336	777086	709032	601663	507643	445157	398626
	383990	355072	340955	347779	370804	472840	544933	564404	563589	536121	479992	426787
030801	409423	411644	423305	445714	476565	596552	751798	653835	531726	434646	385318	361771
	337089	324571	304068	323060	361708	432401	522125	533836	532553	480507	405653	336968
030901	319434	291970	281439	301143	312587	394576	509733	488656	436727	442425	415866	381768
	372834	361305	366069	378369	435626	513015	675083	553415	543992	544935	499948	463519
031001	424801	439055	434543	448393	484452	541029	621291	664472	649934	585225	510912	462447
	421696	381525	381275	397468	417572	461412	521906	527926	535570	496614	485452	424261
031101	418049	426302	424877	422471	438396	483571	539057	588536	598650	523894	482447	438661

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	435083	414661	409669	398468	426318	469498	538129	537848	505443	453769	394793	324328
031201	270336	245576	245296	238739	245676	330425	442775	432737	391716	370973	371635	345226
	361243	346384	349995	371475	437093	509718	537406	523366	500876	448066	384352	311798
031301	258353	237137	229211	237066	240795	320020	432770	411336	362026	342051	342372	340326
	337112	339348	347728	363763	402556	451163	533147	539805	506201	436874	361825	301122
031401	269153	245429	238282	236590	258825	332385	464948	452512	406883	379379	351315	342947
	330511	318222	313693	334399	389811	500094	513801	507689	511143	457942	402621	318101
031501	281374	257668	246653	233983	248372	304998	446844	413342	391554	364687	354955	341033
	339841	334943	332634	366849	396279	440813	513742	518173	501293	443627	375040	289505
031601	242130	218230	211154	218175	238943	318198	429554	414388	365655	362084	336135	338321
	326499	327776	332965	336742	378628	421538	475045	473198	442918	436273	377455	312681
031701	294848	272801	266641	274480	289305	335856	408553	500274	566095	554528	527370	481001
	460001	450075	442097	464354	524715	567979	604820	598993	567327	533247	484592	442603
031801	418947	382051	372387	386523	406231	431122	496835	573472	654287	664994	648712	613776
	593099	531551	499259	479107	488468	516629	598936	619339	614270	553723	497453	424983
031901	383508	366128	355853	363628	394795	481793	589404	569427	521644	504686	504940	471649
	459914	444907	462243	510161	579401	660542	722549	689329	668847	622124	559844	490421
032001	481606	477868	476703	483857	510794	609966	733817	699430	636124	638084	680045	609907
	609283	599873	599706	625750	698252	776098	826432	815532	809143	748558	663739	572076
032101	524368	502240	501934	508816	533327	624922	749820	702718	643155	591246	555068	493011
	468359	424613	401928	412166	456075	516035	610581	616570	639794	640402	558245	504577
032201	485233	480159	490294	489137	529586	621365	738755	645234	521514	434966	386612	360858
	346438	323346	324368	345084	369321	419015	505544	514019	507841	477850	400237	334998
032301	309659	304525	309961	322387	352958	453726	588406	525668	448220	377381	363240	332663
	331061	328684	324437	353119	382761	424856	484293	481282	458484	438727	394610	336706
032401	306367	291948	284263	295209	317206	367569	436345	467919	470324	460501	437601	424655
	419004	407103	402183	415535	444149	475816	517550	512187	479550	437987	361969	303727
032501	272765	250879	239911	239715	234793	265496	311766	376565	472291	491459	470867	447565
	438849	406300	406147	407806	424741	470753	532947	551786	524234	481968	413733	394265
032601	319955	326981	334445	370312	414244	525560	683333	628728	528257	466499	433441	402935
	382086	355166	346416	336642	395414	483750	598269	615377	587560	565210	480599	436820
032701	431445	414314	426214	442328	472390	585577	730716	664607	540558	499257	453559	412334
	395878	366191	361885	386952	396250	471110	594831	627770	633244	602349	548994	494744
032801	450898	437793	434585	441444	477065	573636	716259	671786	570789	552981	533113	488740
	499138	483200	497181	513812	598097	676023	732046	712074	678045	641599	547556	470166
032901	405267	377514	358999	340189	370551	458547	573676	554056	481927	436801	401309	391470
	363657	344891	331258	358036	395974	435824	515743	530964	526038	476318	414932	342932
033001	296025	278091	276147	274981	292320	336905	505488	483433	397226	384935	373059	334934
	360973	342309	363255	383775	428000	468164	520001	506618	475992	449438	398744	368667
033101	291093	270505	256893	258515	267641	295190	365408	416623	469394	462408	446369	413405
	443593	440621	415365	432279	448030	480682	523270	518780	475417	437267	390311	339942
040101	291120	269759	.	262582	267113	293470	335973	408264	439252	470454	443856	429635
	416202	410896	415143	422402	435578	457952	480948	511873	499103	472896	406895	326715
040201	292319	289342	275468	292523	322278	424538	560660	561896	474609	409672	389121	372903
	322575	318986	338351	339138	383620	431407	453162	498054	492816	470585	386201	309288
040301	265489	232272	224250	232142	253005	327138	443696	445408	369645	329664	317576	337731
	327035	325929	324942	384100	404340	458645	488352	522786	529172	476896	405925	330178
040401	278149	243945	231760	228971	203303	336330	389805	405344	361749	360725	356745	365417
	369541	345379	352923	373218	415084	465746	497931	514373	507757	478557	406964	334943
040501	275350	241369	226512	219866	222491	298436	388260	397480	371779	355162	373359	379737
	392929	409265	407401	430011	479746	518239	520833	546595	538460	498192	430561	346470
040601	283106	241199	226855	245779	234823	297359	391803	399976	350296	358336	362699	373826
	388139	419436	417242	458256	491936	521453	508550	502758	500618	467956	423304	348646
040701	290691	251736	236271	235247	241559	244887	288379	334901	388617	419524	451366	489069
	512472	536107	539683	566192	574042	586345	549234	550313	551880	504083	450576	382536
040801	331653	293975	268470	257853	252144	264204	285974	347071	422012	477302	479527	508778
	539626	565096	588652	601400	617287	624108	607602	613802	604070	548260	453705	371313
040901	331806	294191	278495	273932	279188	334334	416896	420562	384039	433298	436609	470297
	505607	527102	552336	584775	620295	647817	652070	640493	636269	593452	503495	388883
041001	341172	290147	265887	265885	270784	343323	425350	421209	387020	413851	444809	490681
	545885	517502	575127	632464	672827	682010	665360	656784	653700	586532	502405	401276
041101	334277	294179	269614	260832	264721	308289	412302	409723	406218	423940	443373	473647
	527299	548263	560441	573800	600647	623383	613572	600868	603979	569412	502831	413733
041201	346846	323162	296472	290529	292541	341397	451313	445686	436712	462929	492819	510361
	560775	581999	602823	621144	639348	666520	668150	673856	665940	623741	545303	428959
041301	425444	380653	339174	322403	325538	358189	429687	458230	479354	527739	567765	615306
	652158	678333	714880	728705	746781	763084	717786	711101	692104	643277	582225	494159
041401	459808	411020	376710	361325	352673	363432	390711	448073	521273	584602	610624	672832
	701823	737735	765398	804410	817093	808752	774255	732376	698763	647226	582045	475288

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041501	419603	366008	340320	327824	328214	342439	368508	447579	552463	623821	634764	662857
	733438	752559	767304	756625	708611	673339	645583	629617	606481	540451	464107	376599
041601	309644	271416	256413	245239	247552	300785	373246	356578	371362	385182	409548	433319
	451152	487340	514062	550187	598294	613307	609551	591344	593537	522482	435291	332916
041701	278817	247108	225095	223288	225898	291014	378004	379240	353040	330758	319854	324863
	334472	336455	342377	367791	400267	438299	442842	466421	480202	444321	365081	319455
041801	274027	255528	244718	257985	285579	384205	527270	521821	467560	431679	378421	341839
	344738	320632	317649	317109	380056	399507	422153	451087	491005	449181	394722	326349
041901	310027	288566	302448	318666	327947	418279	545693	525599	451211	382523	338027	324638
	313259	304206	292475	316259	364028	406804	439859	457027	473326	445718	379914	311219
042001	263561	244677	240865	238163	272449	343801	458791	447786	370520	334708	350716	310737
	335127	319785	347890	376265	405096	438129	444662	450136	460624	425187	364314	322756
042101	287882	267379	242309	230683	239634	266058	296584	352491	386934	420967	440439	458684
	473313	490209	513887	538757	563858	566369	551669	534081	537152	488067	403165	335676
042201	285942	264898	237686	233001	230549	255394	277749	340394	403917	450889	460757	478335
	512754	535153	552243	590037	610575	619655	596556	592364	583643	530354	452496	356600
042301	303134	254830	238014	230248	247008	307527	410802	393248	362086	370948	386475	408832
	452656	467886	492526	535200	591027	630213	618380	613243	625591	559312	464485	383236
042401	330274	288131	265398	262903	258024	324924	415384	413631	384704	389561	398360	432123
	482800	511552	525537	573781	583875	606135	609403	615397	581256	512780	439082	353112
042501	321846	281134	271661	259364	272159	315902	429197	390398	371027	360962	339149	344240
	354420	357666	401188	437381	498655	522552	526808	514390	530090	488273	400346	334167
042601	294907	253033	239644	234230	257771	355342	435175	441436	384068	346514	346183	328789
	348918	369858	392512	419629	485011	535420	531052	522722	555813	503317	437351	341459
042701	297321	269410	251666	268976	271187	345810	487256	466555	396799	388317	371810	363949
	402461	432680	466193	498812	531435	571935	554910	536484	531112	483240	438854	356593
042801	311480	285359	260353	254480	268814	269124	339829	419433	441657	483352	458876	460056
	467904	494315	508462	550229	563539	597272	586171	571362	553296	499776	463632	341919
042901	317978	288547	265427	255251	252143	272200	311560	378716	445580	471812	483426	482230
	542655	583274	600919	620086	646764	679842	642472	624057	634806	556229	473308	368760
043001	322843	289154	266552	256205	266796	351257	438488	431929	367717	376124	372043	412616
	427758	455106	475497	496989	574751	614634	612838	605173	607387	545574	455838	364126
050101	312200	265247	244273	238358	247014	307166	405699	379256	347736	318961	358686	384093
	422901	450986	473901	504562	545373	575548	572144	588096	583789	507308	419508	335771
050201	281124	258318	241524	230799	242434	297355	401744	404986	340989	360864	385174	410727
	433288	465553	499611	525856	560303	588831	588699	572753	588290	521756	439133	345528
050301	287933	252547	238257	226176	235659	304919	397099	395861	356679	358133	380609	406582
	445600	483464	516524	553540	603152	629269	636485	612249	603548	551699	464720	368247
050401	307941	281053	254117	246786	246655	308518	413497	400054	373426	395297	423774	443424
	488366	511189	545938	589606	636990	656319	626305	565737	561603	521158	454482	380438
050501	332113	281928	262424	251884	255884	260410	305974	352732	419432	458035	483688	517262
	563684	601184	610618	638313	651125	634664	612683	593396	581378	507915	448745	378278
050601	325327	286860	262578	252806	248453	255476	300629	357353	422824	456156	498801	539180
	598864	651469	675013	697790	704884	711384	689338	653104	642656	587174	477038	372590
050701	323164	279422	260872	252844	268314	316193	412998	421324	394094	414471	429077	470287
	509052	563833	575800	606346	649756	684182	679850	672605	655264	584464	501029	403707
050801	352659	305309	288754	289046	281429	344101	437315	419524	385403	398308	426174	451580
	483280	510776	520271	569242	610845	645507	640719	621018	604423	562395	473051	359414
050901	319278	283628	257678	252733	256844	311375	412909	399314	385962	398821	407593	455326
	500917	520919	519156	546867	563862	597878	603887	593418	591581	550098	467653	380023
051001	326420	295429	265216	262542	263531	315430	415325	414972	397668	424305	463526	472434
	510055	544426	586011	632328	667587	681709	671724	643135	636787	585640	498134	385340
051101	329972	286272	259435	260543	255626	310672	426303	427181	395274	426563	460822	499822
	549581	584630	622803	663919	702754	715585	687623	641398	607606	554374	492458	416432
051201	352314	316076	289246	270925	260393	269070	323792	367409	443096	500167	549612	591081
	642728	692943	703833	737391	749788	750334	712854	669663	637278	573549	509780	434762
051301	377479	327688	303617	285414	271507	282776	324849	393333	484272	528531	569493	620222
	687617	711964	753960	781518	796569	801938	777280	743426	691527	644918	546343	437598
051401	345012	301612	275805	266608	262495	323460	417261	413023	387048	378363	428328	466703
	541406	610545	652283	710320	754503	786961	762395	729029	711372	628538	495873	428672
051501	366696	320232	295068	266885	268123	325196	423911	428969	409776	416028	465537	516392
	585664	652541	688950	706450	764871	786436	764181	731722	721524	660421	562470	446654
051601	390623	349850	330713	321948	313824	365600	465732	455621	461422	493326	545232	631754
	688874	727073	752369	798560	834707	840869	818797	773684	760276	682701	596466	478868
051701	419858	374159	347914	324945	318579	379822	457000	468480	475445	497982	583816	582572
	681367	705395	745826	777638	808730	831397	803071	750153	746646	672912	580325	462763
051801	405074	352795	332906	304874	306873	357268	452607	461500	455792	499398	533100	589678
	652127	702942	743346	786178	807321	812285	783251	729053	710728	669061	586254	514926
051901	431553	391753	355150	339886	336688	346048	382108	457921	503694	606560	655191	692702

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	723553	744503	780766	801037	819686	806349	786179	738954	712780	652887	573190	507839
052001	444541	414447	384562	385800	375702	388640	413093	480334	573909	622061	662475	701378
	749757	783418	784981	839449	850658	845142	820456	771234	752290	690196	618498	515933
052101	461360	417267	385896	373567	373760	420441	505554	515908	516493	559735	589687	626484
	675329	705937	757562	800735	832823	842263	812336	772987	758977	701805	606637	507117
052201	431414	393080	371320	373143	388135	435544	535056	520634	527559	535514	580060	597583
	621860	613118	593746	577668	575757	585289	597109	564099	570729	540411	438811	383868
052301	316682	266240	239716	243939	243460	304726	395572	375472	359213	354678	374759	391544
	435927	489471	503466	567007	613309	683579	669027	613459	613283	577928	498843	402821
052401	331648	292275	275836	261891	266781	315587	404913	411016	427558	455117	486997	537117
	595745	640533	677331	712475	747182	774054	746527	700864	684025	632332	551895	461112
052501	396819	354520	329363	327568	326013	357971	434577	482901	504489	523314	577168	627842
	671851	700537	722395	740709	777796	818739	804708	748412	700504	640269	549940	463958
052601	388775	338712	306073	303860	290127	303927	328716	382237	468336	516159	563200	618821
	650053	674454	696552	734527	768513	777273	748323	702757	694035	628717	565440	483452
052701	439109	396632	340385	333559	351792	353489	407600	445551	557259	663420	713186	768091
	802672	841164	852739	887798	893575	891517	840776	800352	783581	707345	653821	564894
052801	492659	454025	430300	412661	416596	437228	470199	531717	632789	735641	793616	813907
	866635	864879	904939	910704	916129	931257	917136	850007	837925	801529	714196	613920
052901	523113	491847	463634	451904	460980	488723	548674	572208	573557	597707	657892	692549
	745316	775455	784023	801134	791093	817133	822916	791129	770325	721264	651908	563001
053001	485593	429929	393669	372129	375835	411431	479407	516239	527163	580239	635802	707653
	757754	728750	755524	756832	740591	779640	766976	752940	749086	712576	619607	527631
053101	461513	418287	404287	393852	394701	427202	507714	536309	558086	595260	627399	656817
	703817	773004	802618	851019	878211	892976	872144	840027	820723	764591	675790	567627
060101	484243	444747	406638	387590	378313	395690	427264	481783	479079	484077	481846	541379
	577201	616724	654503	699756	739122	772860	758451	742093	725013	701803	645501	576845
060201	485849	434214	428633	397577	377897	370534	410596	469433	557224	650500	729484	772376
	826838	856766	894585	908823	916099	923947	897197	838616	826389	766995	685242	601015
060301	547978	509726	473534	453551	454301	439401	463400	544400	638839	714480	764060	828378
	872194	920535	940274	966330	981526	960666	940306	897378	872554	823683	734223	632052
060401	564806	523813	487818	474199	463728	480376	559244	575365	604022	660855	738726	787447
	848177	860769	904384	928896	970021	983454	959917	933037	894872	817180	735644	616992
060501	546480	513126	476216	445880	432555	450793	536702	564221	597661	665262	715835	769927
	817480	851232	896011	909980	921882	945556	938649	881188	862730	808297	737526	627349
060601	558922	518423	483822	455551	458857	489497	562380	589617	563298	656530	713564	744368
	812549	855726	879588	905684	923226	930795	912567	864709	851112	812673	724192	630644
060701	554933	511934	490964	475829	479759	511813	589470	603561	607510	641567	699568	762402
	804817	850913	849804	884747	902639	912653	907326	877153	846965	810420	734601	646625
060801	566936	521971	496668	485800	484163	497973	591601	607056	635197	672817	720761	761483
	800800	799690	802785	843253	860356	850642	841236	800867	778582	737322	611524	585754
060901	544187	482058	444373	413381	414275	416920	456292	493529	553554	605743	667934	710255
	743928	776242	792961	806124	806292	794195	778056	751962	714591	653991	612323	540534
061001	481194	435851	411206	412385	399758	414444	439405	489580	553758	613015	612553	637980
	659755	694410	695247	711174	743179	760640	753468	746864	743674	687312	630178	570862
061101	499700	450478	424631	406088	419103	445909	535636	541338	530196	527373	561141	584150
	586252	593011	602673	635530	674747	724215	748838	723730	724338	683767	616177	504738
061201	457285	406637	379480	368660	355954	395186	466839	506292	550135	588811	643006	694820
	750147	793847	834387	889961	907843	936184	917986	870045	860651	813246	716592	627186
061301	556899	508441	473237	451361	456169	482485	541126	554796	565692	557965	566826	581467
	617203	657616	667841	718429	779648	840604	844884	819466	810857	757319	694974	616874
061401	538377	498875	463404	457180	455085	483315	555071	597101	621931	685981	737989	805323
	585487	886052	885827	909372	924722	921714	911768	883483	852988	815588	729970	641523
061501	568275	516967	483342	471353	460940	485417	544256	586300	629505	685695	751115	791046
	848800	888509	917975	951108	961377	989937	973399	912306	876529	837291	751188	662825
061601	591424	540780	508984	483795	467114	488142	538857	585132	644155	730203	804561	847650
	896305	914397	926063	951775	957523	948764	928040	884304	842778	782623	736280	631568
061701	544601	479978	444417	423736	405423	401211	430700	512729	604432	691844	759988	818894
	904869	950300	976260	1003091	1030356	1007912	974614	924313	882315	840196	752809	615796
061801	521582	473711	441862	411108	412908	436721	502380	529472	565210	651830	727093	799114
	860191	896509	921175	931292	949290	957199	942178	882741	859992	792485	689599	592980
061901	515511	446823	414222	400204	398745	428932	513218	546047	565113	618680	694627	759101
	819798	874006	911912	942789	976563	996213	981851	916787	885056	808360	701788	611806
062001	533552	458125	417486	409695	399977	416149	482847	520186	584616	660622	720254	786838
	857484	891228	921002	940868	948991	974018	964238	902507	875562	820493	741297	615622
062101	538898	478739	433064	412177	409386	423272	502320	554819	590103	671626	746703	801985
	860680	886725	919875	952658	982726	973792	941953	897197	861103	826333	727406	616179
062201	506892	486554	438001	417594	413127	429789	505132	526427	525796	579605	576264	627900
	704716	728347	716003	743249	789599	781524	752818	700247	681843	643899	585813	487385

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062301	436900	396591	351896	344122	334511	344637	403179	453982	540658	617233	683773	728460
	801840	831348	848059	881190	924489	943640	909806	859459	790447	705913	629635	521704
062401	452556	381815	344438	326864	317843	324143	352009	428087	532656	591379	653304	696958
	769548	836597	879549	904185	930981	937776	902693	859110	811662	742197	636724	516140
062501	454934	388798	363336	327497	340139	376672	451365	483642	506505	585499	643093	719124
	757827	801049	820379	836475	885161	912216	903027	863072	836571	766579	665156	550302
062601	452840	421101	374026	358689	357959	390287	458158	498561	526519	592653	645903	724437
	796576	840346	878825	903971	923360	939008	912089	873001	837632	779248	701423	566619
062701	476399	435620	390021	363191	370983	400534	465690	529108	536607	611739	693305	765651
	807547	834147	826054	825106	854935	900536	889182	855880	823373	763167	680856	573706
062801	497574	439430	399723	378459	378203	400082	487390	536146	567182	633941	720525	769453
	837018	878498	917492	931217	972394	990282	976548	929466	878180	831789	743783	619653
062901	542965	463506	424708	403518	409548	437933	510295	550668	595872	668825	729046	805561
	832510	837094	828261	837667	842989	846496	837156	812150	759966	728134	650515	579683
063001	502143	450981	422361	396512	392470	400197	450958	504192	564461	607949	616485	631993
	632051	632671	629206	627157	660068	680248	695679	614022	610146	638994	592703	471078
070101	443993	390394	369601	357319	357826	357483	394111	452662	550753	607340	659532	739117
	815658	867249	901096	919925	928711	914200	888315	855326	836078	793546	702343	592477
070201	530606	476061	441130	415880	398188	437256	501671	531582	558589	600733	631538	665744
	726476	766376	802912	850250	875888	907038	909942	868399	846235	809575	709873	611922
070301	537324	489355	445895	430998	430106	447158	516074	557456	617273	694345	765387	824304
	884830	928726	935811	969187	983924	1003044	994573	939348	902110	832646	757513	655420
070401	563162	506862	464001	434343	425907	432278	466842	536811	664427	790206	886434	960323
	995006	1013146	1008536	991024	998064	1001875	974371	899412	832901	792367	752359	665288
070501	592272	523223	481497	460152	456964	473053	524673	564958	629510	689225	683929	760067
	774756	818483	842423	826977	833954	841088	838939	814237	819204	748323	683480	597225
070601	529941	483084	446025	423206	419936	448066	490440	547036	612922	673828	752534	823235
	855353	913526	958477	997607	1034359	1057433	1040307	989596	944287	886056	788593	703106
070701	622620	553660	509329	490650	469102	458765	494709	568955	683323	791975	881585	941789
	996975	1038559	1049801	1068163	1082325	1080509	1050563	999893	954588	894902	827943	737293
070801	653591	588544	547429	546827	499995	484433	518064	590455	714436	788801	883282	943725
	996325	1027676	1021897	990068	948207	944155	919235	899699	895722	850558	741776	672776
070901	599955	542596	506462	488872	490960	519336	580699	595883	637557	703286	813568	904736
	952088	986951	995870	963741	977715	966227	918209	897195	853786	807840	716945	599715
071001	546816	507781	474332	478878	486686	523754	588690	623100	673230	726564	790513	834895
	869666	879958	917662	942424	905953	899687	883308	834972	805030	777692	687962	595631
071101	551783	515909	487796	473611	484333	519534	566251	581760	598483	644133	695466	735012
	763264	765283	741125	765084	805161	847339	861702	838325	835976	799581	724606	645857
071201	558400	534118	470933	459609	462281	483898	550078	576503	620232	695698	779470	849647
	908652	957115	963516	917150	874458	850963	838024	827116	815401	770778	714715	625042
071301	548762	486878	444925	439257	430409	462847	529724	549472	567136	609824	688837	756251
	836282	885867	913792	939543	951467	970620	945452	905958	893295	826881	735918	669706
071401	603009	539194	483410	454382	446131	434068	481743	520015	614196	702799	782402	847034
	902768	940001	971870	1016076	1042659	1039576	998234	939146	909091	849528	757960	668717
071501	604612	551591	507250	494606	496395	487953	492802	566443	676133	737330	815399	861246
	927876	967837	987965	1008882	1038766	1032179	989719	924905	903315	828486	721820	610528
071601	545508	499163	441698	435104	420179	447912	508965	526758	557821	622366	703614	774887
	839968	888372	917877	940318	966473	983622	976444	938992	897803	808465	699564	581225
071701	518844	470232	418919	407924	411200	423715	507449	511953	544769	587490	599861	675797
	747356	777859	812087	857349	893807	910966	890304	862857	825555	771898	694498	593183
071801	528521	462112	429021	419968	413334	452007	516925	549101	600462	670208	764176	820117
	869669	893985	916586	962278	987687	1016087	1006239	950349	916745	854165	738035	626393
071901	581485	528280	493607	458892	457395	479168	541216	578527	614134	683625	757858	843641
	909704	953954	989049	1009336	1036360	1065841	1033860	986065	958264	883069	799492	696918
072001	623676	571590	528194	511035	506181	529418	583861	619729	662761	753169	847927	912836
	971921	983115	997658	1024243	1051555	1042397	1021393	983814	936607	883597	806797	731472
072101	646842	572123	526718	487924	481728	486775	515012	549944	625993	703725	752050	834308
	852706	858891	869198	893783	938840	939781	905301	860391	822127	779805	722759	650082
072201	568516	519763	477890	457779	446688	444061	462763	534413	652736	733295	799315	849844
	914186	974853	996638	1024519	1046795	1065062	1036255	996937	942748	873977	795101	688410
072301	619173	545312	506366	478597	473879	514878	557662	596713	633203	716152	807738	868364
	927479	966295	1007024	1036640	1070320	1098111	1072417	1020767	979543	919434	820496	718495
072401	633009	566675	519737	491127	480658	500553	545901	564527	605666	690304	762172	838890
	892655	895747	886473	850424	843926	857748	871523	831458	821605	779068	729778	641650
072501	595501	541476	520468	513344	505314	533313	588190	591815	592067	614332	612418	645378
	662895	636693	636330	648945	674653	725089	727878	732289	723541	710412	649082	553243
072601	498251	454468	429482	421203	449201	462940	530473	570977	605394	680995	746463	827668
	883076	932653	963756	975806	983826	999398	978310	939271	922539	856935	773785	663747
072701	597853	546535	502222	480804	477214	509293	569598	605269	626518	649552	674889	694594

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	704039	738421	797799	863113	924775	946925	956101	908321	878595	829175	745844	655973
072801	600130	545549	511680	482040	475040	482769	517521	579567	690848	772150	864088	916761
	976627	1020192	1042900	1031149	1021966	999267	979636	942351	908274	854114	784149	703701
072901	618220	568468	525300	514632	497749	490020	519571	605558	723666	820939	892300	928706
	973837	1005723	997611	999723	1007042	1021801	994704	952191	923511	863670	784702	700598
073001	604249	564495	526161	508616	502531	534218	581039	617145	675291	761920	841682	888355
	953275	991287	1029072	1061170	1053838	1061285	1047112	1016880	984714	916172	807941	679226
073101	614813	557504	530326	508597	502117	533520	592221	609215	611216	614853	643477	649917
	635618	624539	631055	662058	691657	762555	782649	788830	770491	726723	647027	552994
080101	475108	432995	411060	396057	403916	436952	501678	518483	560530	625147	686022	766123
	836987	872326	888708	902690	929685	923113	886935	844368	825246	758133	679571	577755
080201	509624	460879	431384	423739	409333	445689	559247	560716	581329	647996	708350	761780
	814793	860007	895053	923265	954761	976768	956344	928162	875064	808734	732534	607829
080301	522357	469743	431369	417974	402929	435436	508185	537251	566456	605432	687572	749392
	814332	862791	888344	929802	952150	964569	937646	887258	860851	810252	736001	632889
080401	553864	490802	458314	437485	428106	426531	464693	527247	626038	724194	823690	882071
	947789	972708	1000390	1003205	1012553	1016566	999016	943673	919771	860310	778103	679491
080501	624802	550484	518620	491405	481825	469509	497174	562792	654859	699659	765638	821228
	826451	838062	842771	832383	838539	835033	825474	816721	797598	735854	658856	563718
080601	476128	444489	408147	398985	400734	425822	479337	511131	533175	603883	701183	711279
	762859	815855	858546	887431	926222	947537	921528	894191	874046	813033	736832	634683
080701	573599	525025	496044	474054	470275	515886	569537	603504	645116	698397	747558	771223
	781382	763359	761648	774271	787633	828803	832406	822027	807514	749877	662759	574529
080801	514540	467383	434985	433608	431996	470812	538425	570214	591514	630828	667846	752938
	752694	746156	703265	709754	749690	787268	797199	793464	742512	645216	529510	
080901	498385	438012	408747	398559	404869	452216	537388	552022	578914	654305	705692	760784
	813956	849190	891820	928450	962504	971459	940187	905313	876708	814980	717209	605246
081001	546458	498890	466194	449246	456111	491576	582559	617659	645182	704740	753120	790964
	790180	798769	813751	829473	838437	866532	863278	846318	822024	752948	691793	607431
081101	543502	494232	454816	443959	440961	452386	472434	525220	603764	673409	701254	721402
	726526	727036	730065	732269	732782	752259	762234	735524	731350	698512	654708	566021
081201	510918	471056	447498	434340	426435	424272	453144	515520	594401	655783	688636	694519
	730399	759139	809584	822024	832294	841550	814833	817191	797276	733426	644762	556755
081301	478376	431157	415688	399768	404277	474258	550954	540493	539648	582087	646334	729870
	780571	796373	835594	879893	912622	941236	911067	888928	888845	818671	713258	612477
081401	534202	500492	462186	456284	463889	499754	583777	563045	528019	580694	604509	651043
	673546	711521	703838	743801	804528	828883	828822	829077	826990	763129	675548	560476
081501	507607	458866	427487	418226	416815	461760	545923	534688	567833	621537	707720	766744
	837349	895919	928584	965880	995500	1008585	992997	958484	930756	870350	773905	662513
081601	581547	531731	496005	477672	472997	521128	589463	585970	607565	667128	754796	805616
	855843	879236	895789	918267	940399	960142	959016	956386	926145	858176	762806	675224
081701	615430	547529	529039	513229	517431	550638	633585	633571	638702	700496	776090	823640
	848251	852465	864286	893909	914155	930191	930347	901826	893109	842063	768086	667237
081801	615694	575980	522691	509884	503076	504436	528593	572764	660592	775284	875710	938461
	1003973	1012696	956005	915601	881481	850010	809983	777963	741951	699205	639944	542086
081901	493307	445549	414939	399039	409136	412660	433056	503175	629777	730191	810954	882559
	916292	892920	797795	860490	763838	750093	740444	720557	715653	643856	544047	453710
082001	391851	367417	350767	331901	328195	404080	473123	474664	484880	493578	534447	557002
	580131	596439	661386	749140	821782	868567	880970	879997	835401	747531	638290	536971
082101	457989	415700	387970	373028	367899	420535	512549	509650	502379	555983	633833	730643
	798326	843349	885651	932764	979054	1004409	978011	924890	888240	797503	667953	538624
082201	480300	408876	384432	365204	358916	405632	466619	468611	480954	526541	585056	669581
	754851	822186	866898	909480	964040	990361	946582	890705	850788	764960	647150	533795
082301	469155	419564	382368	359194	370781	408692	512476	508839	505996	564889	640959	731042
	800450	861891	884361	916757	963174	983456	970353	933192	900791	812791	706093	587271
082401	529577	482740	450116	430336	427853	459883	534854	545208	548280	600654	702238	766495
	831097	888671	910778	954276	991758	969531	933289	905752	855122	778298	707936	618228
082501	548947	493296	448767	416823	417967	419024	443358	518079	619626	707900	784900	875904
	941072	984514	1022329	1035061	1050372	1034655	972596	943011	874496	808063	719105	638369
082601	547638	496389	463032	435331	423392	413364	449976	500430	605277	729351	797061	865745
	898703	974940	1000074	1027686	1045984	1026656	987297	966162	923205	825079	720699	601350
082701	528649	483874	443012	426228	417729	474361	534166	541276	553662	606791	680914	758660
	814839	862532	888840	913747	952160	973241	951848	962689	893353	812055	696330	607510
082801	539390	484279	446172	424891	429885	458132	561523	553172	537806	595745	663729	751286
	813124	840399	870433	859698	846819	867417	853266	832035	797202	724854	627720	530348
082901	479059	429790	397881	385853	381301	439996	520402	514362	535153	592376	650859	731056
	791250	841193	847964	848609	873127	893008	880113	868664	832632	754610	665797	558860
083001	493833	460507	436030	419802	422498	422210	575590	557446	534661	567629	619304	657694
	716701	759764	762693	789620	823943	847552	847440	848262	834690	762747	674723	573748

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083101	499739	474000	455321	431655	440050	489782	578240	568084	546809	623692	678565	741600
	786917	808692	812602	844755	875699	899671	889498	867869	826467	780111	701934	614800
090101	561526	519035	474270	475390	447031	449162	468010	513201	627313	733259	803699	860946
	913548	940519	949771	954786	938641	915824	891288	841060	785076	740975	688330	610871
090201	544409	497401	456586	453957	436084	439639	464235	524138	611147	706341	764341	797558
	827686	847122	854227	875335	900361	886440	866698	843073	810546	776634	715571	635117
090301	566253	522413	490755	469586	448617	451117	450505	491063	559448	638559	674552	694812
	739045	760750	759386	766552	775705	799927	788171	759800	721296	667434	588806	484955
090401	437681	404797	384016	379397	368672	444623	525383	516547	509407	527273	574451	611441
	636702	687305	743543	805144	843339	879852	873186	854471	825677	752511	639308	540551
090501	485457	425808	399398	388073	376049	442804	523459	517606	515638	587647	670939	717950
	794266	845435	876325	902530	908309	908950	881114	867356	827369	777490	673780	574492
090601	507731	453364	417103	416108	408518	468963	537565	549796	556530	615307	687784	744977
	811409	859726	880571	901095	934428	960390	933630	914357	873681	789555	679977	584398
090701	516684	462278	433399	424924	420720	460847	545958	557851	544534	566565	626501	693416
	751199	763334	791654	839374	874248	881859	856149	806955	781529	712928	648165	577441
090801	523799	481207	458550	434509	426266	434873	451207	527927	625666	703041	775901	816213
	848162	828054	872295	886778	864162	849149	833420	784319	748799	692654	621018	548431
090901	485459	443771	416753	413084	412191	405185	429668	503666	618325	698879	762563	833495
	909380	965483	987301	976198	968604	940403	929005	920868	880794	760688	676352	563153
091001	505190	464921	442275	416705	425305	487802	564230	549699	524729	598791	679493	737980
	833686	889334	922775	953957	979532	997366	927778	943040	886946	825326	724645	622414
091101	554640	492165	449355	426866	433284	485993	577139	558980	563892	581224	656786	736724
	791868	859492	893675	912670	921398	911570	894386	853890	806357	748014	652554	565927
091201	498800	452329	425066	411410	411540	474563	553018	549211	568025	597048	643884	704072
	770869	807324	832415	853964	853093	850255	828329	800346	780737	704236	626480	535040
091301	478657	425818	390024	377701	376889	432283	520959	518567	500625	536568	592104	653103
	714805	769439	796614	826805	865082	870515	847993	829412	793995	725680	626821	518236
091401	461134	414141	390177	365039	367011	415043	498529	493972	491350	528392	600128	604981
	677473	727536	770376	807910	835877	831462	813353	787700	716233	648958	582716	497906
091501	445775	394402	369110	343900	325589	336729	368025	413181	499684	579730	635506	678362
	738967	782304	825385	851293	850517	816485	775557	743617	688190	633712	551573	458663
091601	405591	361959	334630	318543	313569	316290	332839	385249	461707	519458	545599	587448
	657204	713455	753977	793368	804250	776424	750809	761214	694662	610949	510937	405178
091701	361472	321086	294130	279301	284874	331991	417968	424330	385757	421773	455061	502901
	577034	619175	666336	708471	728036	757240	732674	729403	690538	621037	536239	425154
091801	371122	341205	317097	297869	307086	364058	448541	445056	420989	473499	491701	548737
	617352	666804	722803	766128	795796	810360	800485	779409	716980	650873	553758	457639
091901	399569	361107	325601	311779	322091	398577	464463	456448	443529	464651	521556	573247
	584123	596670	604621	649862	713655	742877	756884	759839	730970	688090	608322	517395
092001	465007	411942	394246	383066	384106	452682	534226	527574	515137	548706	624800	689409
	764916	779375	855595	880812	902713	912169	877330	860231	794204	732886	644668	518972
092101	456695	402642	365845	355413	364221	428259	505233	496178	488659	511198	563633	630904
	716341	768247	825698	875102	893595	898429	845184	812986	745512	679342	601711	502014
092201	430280	376590	338969	334892	333521	352023	378100	427858	492689	584364	645175	714020
	805620	860724	906880	927835	936997	933443	870996	835502	768879	717885	632750	535651
092301	473940	420924	391184	382398	377885	375069	393659	462556	557588	643323	717749	764430
	850649	911494	945842	961735	953934	942915	899765	882992	823013	733496	645639	549752
092401	481453	442954	412657	400479	412989	475114	532532	516952	492231	474098	487960	503470
	499643	509841	485086	514364	547484	590729	599661	634526	619169	562729	464349	387701
092501	362222	312595	292707	275797	282567	332462	424116	416778	374631	374200	376001	394814
	431214	451990	486003	515740	541086	544198	556923	570088	527516	476817	396944	306840
092601	276432	251572	246227	241660	245676	333557	453855	432589	392015	374679	354451	355203
	377783	369122	383878	410546	465860	506848	532940	542433	507693	469525	387806	314701
092701	262753	234553	245556	255944	279587	353136	462016	449874	389792	379677	366890	364258
	375596	412182	432266	487916	525013	568336	553555	569744	548260	490783	422083	343138
092801	288659	256624	237094	242704	265619	330618	433411	427367	375899	372940	396820	408541
	435766	472744	521195	568456	613700	627391	609316	600809	544439	504688	452820	383915
092901	327899	291033	265805	259147	261232	277004	307617	369658	417689	427846	471693	505715
	535005	565598	583636	600246	608229	604906	585382	585163	530707	465316	425524	350006
093001	307241	274690	253894	249889	257606	287660	307113	369582	435534	446665	440868	449500
	474348	482188	529876	548172	568066	577310	569668	589296	565255	493502	407884	334242
100101	262289	236684	230511	225339	242507	309048	409233	395599	344119	360043	355540	355202
	377742	399074	430293	472571	517884	560331	576906	594246	566090	483219	398924	309501
100201	266782	238790	233039	231806	246228	323797	404765	411289	351132	340990	389470	376954
	403058	433441	463880	507014	562667	597344	606640	609559	576861	513281	426220	346866
100301	286990	250630	241696	236434	243094	327912	420372	411380	375134	365922	381036	404853
	440001	484376	545613	578110	615975	622572	628012	623721	596136	536585	453555	367737
100401	318641	279951	267708	260722	269770	347007	422648	430671	402339	406728	426926	453069

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100501	500743	540873	554082	574217	594919	624411	656512	655748	633628	596123	519446	433451
	382301	350032	328213	321455	345916	399177	498508	504236	480865	482499	538625	572691
	607690	597174	572318	578184	602454	623027	644385	641369	613082	580538	537999	484262
100601	426307	405825	375164	375636	367870	385928	418969	476303	540220	586185	602311	609439
	605313	600351	603164	595737	599802	578240	569315	545164	492893	472683	417655	357715
100701	303496	285711	261927	250088	253042	256990	287658	364648	421531	435346	444709	443090
	439664	469948	491462	508114	547853	558288	562204	562235	511364	463663	404456	324779
100801	290686	257099	245311	243482	267942	329700	418585	418632	390830	386262	383988	398665
	420071	432031	402057	489180	545716	580380	592277	605504	567825	528553	476761	370145
100901	297278	268568	252654	247494	264870	340581	431335	415605	374221	390084	369220	379963
	422237	427843	429223	472073	524245	567155	594050	606614	572108	531907	452640	373429
101001	320126	284675	262995	252739	269986	335885	430812	419502	382096	384792	399750	408882
	452558	465621	493443	526882	567574	593124	620899	633518	592036	551105	482701	368876
101101	331130	309060	298845	293284	297223	373986	456100	459462	436067	458263	454406	484362
	512309	535168	545778	575764	603337	631400	672589	673647	638516	605877	530605	444030
101201	364893	337221	314415	304649	320845	384908	476826	497681	462798	476393	494441	523091
	546183	527689	546838	564060	577861	623747	633586	624781	579353	559956	516681	464368
101301	416936	377100	373703	359206	368678	385223	424230	442430	583233	616047	658276	699779
	700903	699535	705784	700472	688031	699209	721905	713462	634614	610187	538447	466550
101401	398772	355217	338030	320991	340073	337778	345798	430421	476488	529139	573441	587186
	612524	626212	648040	669036	674757	659455	646528	651147	597868	533160	451794	356500
101501	291874	255179	249817	245714	266749	328901	418205	406938	377719	362798	381028	399099
	416301	441591	471034	516779	564328	595101	610731	608142	581067	510743	423656	350298
101601	276630	247676	239909	237237	260933	323559	426289	415818	356016	345774	350889	350116
	371239	381648	412912	438066	458974	480243	506468	518589	498816	459556	381026	313896
101701	271884	266819	250297	256956	292144	383505	502506	493314	424360	406910	388011	367719
	370392	350770	334504	353115	381931	439976	489041	518404	516884	484395	436316	343210
101801	322389	324651	319154	319081	354721	444594	550462	564726	493506	445706	385248	361576
	343371	338163	336073	356187	374807	433639	497264	506985	500062	462134	379766	333253
101901	282713	267586	265005	263015	301015	360663	470135	455342	413682	389333	352239	355093
	363577	368085	385166	414234	471423	499984	511026	500870	471327	430326	369405	313307
102001	243794	218927	203971	248392	244841	258204	286047	350818	407076	451763	458807	463460
	502134	543682	573562	600482	616300	613137	606948	578445	540634	482071	408997	351253
102101	308314	283665	260039	241144	244771	266059	259168	350154	439810	479798	499080	518735
	572963	613674	664688	679930	703340	680985	697335	682282	596263	526475	437989	377937
102201	324383	287564	263079	247938	279765	329294	343964	434964	431525	366287	397789	454531
	491692	528522	575767	617241	644838	667242	679404	685420	626561	552553	449728	378444
102301	302951	264207	246101	245527	252830	311719	421417	414413	381347	368969	406915	454678
	494257	531898	560913	608154	665462	682466	698824	702567	669829	607765	516460	432237
102401	366295	308185	303485	300158	309963	385959	471267	480835	444900	473408	489763	538754
	595200	637309	648055	682241	708675	732166	739613	733421	690328	651407	565530	464888
102501	422066	391119	366511	355329	388914	486012	506110	489860	450665	469524	473901	484767
	521601	539097	567760	590327	603928	593894	614329	608241	565509	477172	397688	349191
102601	285080	257589	241495	258051	287812	364055	462871	434814	406566	373531	347004	329914
	360488	336241	360562	377048	409972	442595	467182	466360	442309	421285	383638	353703
102701	299291	288015	293571	293484	309899	347522	390809	492309	547741	535347	512051	473784
	452859	430217	402096	428558	442635	453745	500588	522496	510036	508617	480885	425851
102801	418038	411611	417730	426044	461837	519358	598333	689801	715424	665628	583632	509394
	477596	457715	441882	444503	466315	555951	586600	602747	588180	538323	492453	443243
102901	425369	426134	441018	467335	511566	625616	747323	666715	554019	476647	432662	391980
	352920	355314	346110	371349	424209	551017	579884	567665	539358	469944	407632	369963
103001	360651	365052	371456	389283	417994	519970	655002	596272	469579	411647	380681	348703
	335483	318620	326568	341167	395233	490636	556716	541866	523140	482623	430186	367702
103101	335120	324171	336253	339583	383487	495480	604971	526036	440013	389760	362716	332166
	318328	333356	346598	377054	417075	477049	458069	476251	456147	419562	434047	293386
110101	255593	239944	235535	240050	252980	345154	449793	422130	361025	345053	339207	359164
	382648	394656	429990	427378	469854	546711	565900	542998	502047	467701	401878	304268
110201	258251	226619	224364	223564	241064	343626	441882	420394	377579	388940	407117	417025
	453594	476019	502061	538936	550559	586042	588566	540312	495565	457624	402074	344767
110301	298130	265438	256043	249682	266448	276117	315544	388169	442322	496584	526721	562957
	582908	608878	619462	613801	602136	611222	598043	551218	514589	463219	423624	341868
110401	316336	273376	266478	248221	297572	264482	295011	385345	453054	493046	530803	566137
	607739	608452	642910	625040	615282	640909	641982	591635	548152	480758	399700	313008
110501	283779	256975	244371	243569	259694	329652	430470	410215	380177	370920	370859	377296
	386843	402639	415151	452264	481696	541766	568687	540605	494716	438393	371806	297409
110601	260284	248586	235399	235205	276425	377543	491449	462656	384501	346054	341476	338116
	330184	357011	377896	398015	425029	520713	548712	514270	496593	435412	383980	304859
110701	263846	252470	264136	268471	305727	402699	512290	480074	393367	355009	330014	336009
	371795	370465	367433	392391	431800	515307	523142	500617	473504	430916	368838	298030

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110801	286368	263959	260379	261850	282347	385287	506725	463543	399675	360424	350847	345444
	368655	370032	367984	380489	422289	517323	545851	517770	488262	451816	369720	292609
110901	263840	236530	238370	238469	263546	371443	483754	451937	392908	371768	355747	369947
	368999	369745	387334	420150	442569	496874	505889	464413	430372	411640	366602	323269
111001	281946	272400	262065	266711	266359	297652	368388	436275	448871	451394	441773	430768
	439066	439680	442625	450678	455568	494609	486911	462254	427897	401859	362086	303177
111101	281884	252842	249254	253780	258441	293392	346777	420753	444340	444338	462785	444387
	440558	443344	460697	475232	479026	536919	526124	505933	471500	413354	379777	315979
111201	279483	269350	263558	265707	291213	345855	439898	453368	438591	447494	445611	421469
	445602	443210	452828	447371	475278	547081	591506	540251	512125	454468	366363	308780
111301	270264	252731	259147	255885	299467	380309	489427	470581	415531	365409	359231	348400
	357324	356643	350366	393126	420171	511323	532464	507501	488739	423921	364120	293671
111401	251723	237546	232496	238855	281902	372466	456213	429867	369897	362445	339161	356361
	363045	370287	381715	439770	471486	513246	512416	503646	469490	423018	363592	298734
111501	250893	237538	233581	255991	265973	379402	475149	439434	387380	367760	351858	353470
	357267	354012	376202	391796	424836	496161	513832	477321	450863	405964	347256	302532
111601	265273	249690	247075	257882	295580	409547	512536	486728	410406	379379	345562	318728
	313455	329280	346093	374120	408113	461490	459957	444531	440774	411963	359034	324605
111701	296333	282528	281365	276727	296464	331947	399904	436179	462681	454420	446811	418182
	445618	454835	452362	460062	462163	515429	509357	462418	431837	411072	357125	312865
111801	290407	270553	273297	278136	301131	322039	369485	449334	482469	458264	453642	444347
	435434	449381	450771	457782	475519	572631	536864	504729	500946	448871	394230	310992
111901	281307	270432	260926	278872	313550	400849	500664	476128	422204	365502	365677	377735
	389355	375687	386504	408478	435608	552702	556981	537699	510456	465922	389706	305043
112001	263335	239094	234861	226461	263244	348786	448219	436745	396773	370695	358779	362554
	359615	348896	367979	378525	437051	519050	544557	507416	501436	483983	417224	347390
112101	344066	319013	332809	355664	407493	519420	628240	627271	558787	505967	466284	412284
	392926	363494	390864	398865	448890	549026	571729	581908	579533	573090	538174	483222
112201	437519	427465	424513	427290	450940	486665	544195	630163	654089	647067	613338	579709
	356507	482250	441338	424961	425306	441722	448103	435861	422811	388052	344637	282978
112301	258171	237610	236362	231274	242287	256123	300214	346408	383277	414425	438161	442819
	433862	438947	437369	426797	443083	502385	493686	473951	450934	422982	389475	320842
112401	272689	250700	250427	241154	248465	260338	295044	364451	440152	508332	518232	542801
	547237	545734	528961	529591	546539	568965	556091	542665	524642	505698	449198	384771
112501	338725	301888	302873	280536	278819	269884	307306	376910	443994	482788	507906	511159
	538172	551708	571490	561075	566110	606118	616822	578287	550761	473708	401242	315698
112601	307219	298278	284363	289829	287319	358029	470063	447487	410865	418036	428258	463851
	480006	491868	499741	511344	522691	623811	643968	624670	594589	525806	450202	359361
112701	312316	294591	283804	267950	281939	352143	456442	400522	424852	418889	453205	465251
	487242	490832	493641	496593	518893	620380	632355	611725	581336	517079	424492	352213
112801	314557	288877	264991	264619	263507	355290	444140	447407	395661	421252	435054	442569
	466979	459707	463299	470761	521019	600399	635097	608470	583496	554222	470408	393615
112901	343876	307716	293638	280806	299032	366625	468832	467567	422973	418455	438585	450150
	456357	437300	450240	471899	526231	600410	630334	579805	539817	502133	415168	325459
113001	278679	255388	252860	246198	255316	335639	441998	430837	392368	374735	367581	362987
	360945	354139	371335	393110	413322	504667	503912	478649	477904	464234	407399	351434
120101	314561	312381	305943	305153	317889	348476	413960	491985	498539	499244	471392	444406
	415415	409807	411301	419985	441320	509923	503222	500876	487370	464928	443811	376428
120201	345865	328989	315743	314213	321051	352995	420803	478679	515240	494792	462724	441001
	436365	447312	430707	441955	460493	554496	562444	559307	544139	485489	404692	335205
120301	308880	292652	298741	297667	330710	433682	557753	521337	430811	388302	362904	334429
	334710	328502	344404	351146	393394	527820	556804	546004	524592	491128	414677	333260
120401	296371	269744	265397	266382	295756	398276	490344	458990	383744	361009	332983	331628
	314457	314211	332937	349069	403266	506286	540483	531437	511650	460257	381903	321057
120501	289425	270768	278939	266724	309349	401626	497207	467429	396105	362685	350715	328122
	331050	326052	352108	369862	411574	508092	531634	525790	507801	468689	382116	304601
120601	266956	249846	254000	236062	264212	361287	454465	427080	357597	348987	342391	340499
	341390	327595	353198	355071	459167	526638	538617	518631	509394	460167	397066	304394
120701	262692	253272	241232	229255	263177	337721	457365	440347	379404	350014	361218	353882
	376922	363254	387261	404566	443090	533208	531774	497510	458206	433119	379381	324135
120801	273657	249951	244253	249865	260135	285636	323680	391582	445034	457303	464920	479703
	475130	498665	497210	492750	504833	562237	539069	499083	472888	452350	395780	325924
120901	284009	255332	254813	239473	232209	265141	308731	360506	408610	429600	445730	436851
	455681	465294	450780	459188	502671	583336	568967	573632	539320	475366	403139	323187
121001	281779	252981	254991	243053	272264	346802	450413	441124	407149	369010	354335	363673
	354591	351912	358486	384273	448268	577088	611075	605870	565557	524594	424485	318030
121101	274344	249728	258216	256273	285386	361598	486979	470970	402905	377821	370687	358455
	345523	329760	336101	360376	443910	569523	595775	570673	546857	505317	412825	322483
121201	288572	262399	261347	262379	273020	358047	471505	463091	408387	385962	363569	345672

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	335223	320574	331462	367494	433441	530916	549850	547576	539745	503682	422171	342692
121301	291329	258938	251632	237949	254323	338762	427114	435543	384830	379197	401173	388742
	406414	408857	430119	453753	500812	610927	640129	600874	592948	551291	463575	371716
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