

LAMPIRAN-LAMPIRAN

Lampiran 1 : Sampel perhitungan laju gejala, terinfeksi, sembuh, dan kematian bulan Juni 2020 pada microsoft excel

Date	Suspected	Exposed	ertambah per hari	Laju S -> E	Infected	pertambah per pen	Laju E -> R	Recovered	ertambah per hari	Laju I -> R	Death	ertambah per hari	Laju I -> D
31-May	8.456.000	44.647			7272			2102			520		
01-Jun		45.166	519	0,000062	7383	111	0,00297	2246	144	0,027853	521	1	0,000148104
02-Jun		45.482	316	0,000038	7459	76	0,002011	2405	159	0,030952	525	4	0,00058292
03-Jun		46.134	652	0,000078	7539	80	0,002104	2534	129	0,025524	529	4	0,000576868
04-Jun		47.080	946	0,000112	7600	61	0,001581	2607	73	0,014585	530	1	0,000142653
05-Jun		48.524	1.444	0,000172	7684	84	0,002128	2751	144	0,02884	532	2	0,000282885
06-Jun		49.006	482	0,000057	7786	102	0,002498	2840	89	0,018042	535	3	0,000419463
07-Jun		49.545	539	0,000064	7946	160	0,003882	3170	330	0,066721	537	2	0,000275824
08-Jun		50.321	776	0,000092	8037	91	0,002188	3205	35	0,007328	538	1	0,000134971
09-Jun		52.156	1.835	0,000218	8276	239	0,005652	3369	164	0,03394	547	9	0,00120016
10-Jun		54.103	1.947	0,000232	8423	147	0,00335	3517	148	0,030161	551	4	0,000517531
11-Jun		57.766	3.663	0,000436	8552	129	0,002824	3664	147	0,029963	555	4	0,00050813
12-Jun		60.107	2.341	0,000279	8628	76	0,001544	3780	116	0,023732	561	6	0,000750281
13-Jun		62.286	2.179	0,000260	8748	120	0,002331	3840	60	0,012376	564	3	0,000371885
14-Jun		63.393	1.107	0,000132	8863	115	0,002148	4091	251	0,051141	571	7	0,000855327
15-Jun		67.979	4.586	0,000546	8968	105	0,001926	4198	107	0,022422	580	9	0,001085384
16-Jun		70.680	2.701	0,000322	9092	124	0,002101	4329	131	0,027463	583	3	0,000357654
17-Jun		73.568	2.888	0,000344	9209	117	0,0019	4444	115	0,024144	588	5	0,000587613
18-Jun		76.466	2.898	0,000346	9385	176	0,002735	4592	148	0,03106	594	6	0,000695975
19-Jun		81.064	4.598	0,000549	9525	140	0,002087	4682	90	0,018777	599	5	0,000568764
20-Jun		83.328	2.264	0,000270	9703	178	0,002488	4821	139	0,028701	603	4	0,000448129
21-Jun		84.351	1.023	0,000122	9830	127	0,001725	5054	233	0,047726	615	12	0,001318681
22-Jun		85.321	970	0,000116	9957	127	0,001704	5128	74	0,015494	618	3	0,000325556
23-Jun		86.840	1.519	0,000181	10123	166	0,002203	5228	100	0,020708	619	1	0,000107078
24-Jun		90.426	3.586	0,000428	10277	154	0,002007	5322	94	0,019203	628	9	0,00094697
25-Jun		96.227	5.801	0,000693	10472	195	0,002433	5435	113	0,022805	631	3	0,000310913
26-Jun		100.729	4.502	0,000539	10640	168	0,001959	5542	107	0,021243	632	1	0,000101616
27-Jun		104.597	3.868	0,000463	10853	213	0,002364	5610	68	0,013339	632	0	0
28-Jun		106.678	2.081	0,000249	10985	132	0,001408	5865	255	0,048636	635	3	0,000293513
29-Jun		108.885	2207	0,000264	11080	95	0,000993	6118	253	0,049414	636	1	0,000096618
30-Jun		110.759	1874	0,000225	11276	196	0,002004	6512	394	0,079403	641	5	0,000478744

Lampiran 2 : Penerapan perhitungan pada Matlab

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disp(' i t S E I R');
for i=1:n+1
    k1S=fS(t(i),S(i),E(i),I(i),R(i));
    k1E=fE(t(i),S(i),E(i),I(i),R(i));
    k1I=fI(t(i),S(i),E(i),I(i),R(i));
    k1R=fR(t(i),S(i),E(i),I(i),R(i));
%k2
    k2S=fS(t(i)+h/9,S(i)+(h*k1S/9),E(i)+(h*k1E/9),I(i)+(h*k1I/9),R(i)+(h*k1R/9));
    k2E=fE(t(i)+h/9,S(i)+(h*k1S/9),E(i)+(h*k1E/9),I(i)+(h*k1I/9),R(i)+(h*k1R/9));
    k2I=fI(t(i)+h/9,S(i)+(h*k1S/9),E(i)+(h*k1E/9),I(i)+(h*k1I/9),R(i)+(h*k1R/9));
    k2R=fR(t(i)+h/9,S(i)+(h*k1S/9),E(i)+(h*k1E/9),I(i)+(h*k1I/9),R(i)+(h*k1R/9));

    k3S=fS(t(i)+(2*h/9),S(i)+((-1617*k1S+1697*k2S)*h/360),E(i)+((-
1617*k1E+1697*k2E)*h/360),I(i)+((-1617*k1I+1697*k2I)*h/360),R(i)+((-
1617*k1R+1697*k2R)*h/360));

    k3E=fE(t(i)+(2*h/9),S(i)+((-1617*k1S+1697*k2S)*h/360),E(i)+((-
1617*k1E+1697*k2E)*h/360),I(i)+((-1617*k1I+1697*k2I)*h/360),R(i)+((-
1617*k1R+1697*k2R)*h/360));

    k3I=fI(t(i)+(2*h/9),S(i)+((-1617*k1S+1697*k2S)*h/360),E(i)+((-
1617*k1E+1697*k2E)*h/360),I(i)+((-1617*k1I+1697*k2I)*h/360),R(i)+((-
1617*k1R+1697*k2R)*h/360));

    k3R=fR(t(i)+(2*h/9),S(i)+((-1617*k1S+1697*k2S)*h/360),E(i)+((-
1617*k1E+1697*k2E)*h/360),I(i)+((-1617*k1I+1697*k2I)*h/360),R(i)+((-
1617*k1R+1697*k2R)*h/360));

    k4S=fS(t(i)+(3*h/9),S(i)+((2501*k1S+1000*k2S-
3141*k3S)*h/1080),E(i)+((2501*k1E+1000*k2E-
3141*k3E)*h/1080),I(i)+((2501*k1I+1000*k2I-
3141*k3I)*h/1080),R(i)+((2501*k1R+1000*k2R-3141*k3R)*h/1080));

    k4E=fE(t(i)+(3*h/9),S(i)+((2501*k1S+1000*k2S-
3141*k3S)*h/1080),E(i)+((2501*k1E+1000*k2E-
3141*k3E)*h/1080),I(i)+((2501*k1I+1000*k2I-
3141*k3I)*h/1080),R(i)+((2501*k1R+1000*k2R-3141*k3R)*h/1080));

    k4I=fI(t(i)+(3*h/9),S(i)+((2501*k1S+1000*k2S-
3141*k3S)*h/1080),E(i)+((2501*k1E+1000*k2E-
3141*k3E)*h/1080),I(i)+((2501*k1I+1000*k2I-
3141*k3I)*h/1080),R(i)+((2501*k1R+1000*k2R-3141*k3R)*h/1080));

    k4R=fR(t(i)+(3*h/9),S(i)+((2501*k1S+1000*k2S-
3141*k3S)*h/1080),E(i)+((2501*k1E+1000*k2E-

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$3141*k3E)*h/1080),I(i)+((2501*k1I+1000*k2I-3141*k3I)*h/1080),R(i)+((2501*k1R+1000*k2R-3141*k3R)*h/1080));$

$k5S=fS(t(i)+(4*h/9),S(i)+((-154197*k1S-8620*k2S-8640*k3S+175309*k4S)*h/8667),E(i)+((-154197*k1E-8620*k2E-8640*k3E+175309*k4E)*h/8667),I(i)+((-154197*k1I-8620*k2I-8640*k3I+175309*k4I)*h/8667),R(i)+((-154197*k1R-8620*k2R-8640*k3R+175309*k4R)*h/8667));$

$k5E=fE(t(i)+(4*h/9),S(i)+((-154197*k1S-8620*k2S-8640*k3S+175309*k4S)*h/8667),E(i)+((-154197*k1E-8620*k2E-8640*k3E+175309*k4E)*h/8667),I(i)+((-154197*k1I-8620*k2I-8640*k3I+175309*k4I)*h/8667),R(i)+((-154197*k1R-8620*k2R-8640*k3R+175309*k4R)*h/8667));$

$k5I=fI(t(i)+(4*h/9),S(i)+((-154197*k1S-8620*k2S-8640*k3S+175309*k4S)*h/8667),E(i)+((-154197*k1E-8620*k2E-8640*k3E+175309*k4E)*h/8667),I(i)+((-154197*k1I-8620*k2I-8640*k3I+175309*k4I)*h/8667),R(i)+((-154197*k1R-8620*k2R-8640*k3R+175309*k4R)*h/8667));$

$k5R=fR(t(i)+(4*h/9),S(i)+((-154197*k1S-8620*k2S-8640*k3S+175309*k4S)*h/8667),E(i)+((-154197*k1E-8620*k2E-8640*k3E+175309*k4E)*h/8667),I(i)+((-154197*k1I-8620*k2I-8640*k3I+175309*k4I)*h/8667),R(i)+((-154197*k1R-8620*k2R-8640*k3R+175309*k4R)*h/8667));$

$k6S=fS(t(i)+(5*h/9),S(i)+((99353*k1S-5700*k2S-5740*k3S+5620*k4S-90323*k5S)*h/5778),E(i)+((99353*k1E-5700*k2E-5740*k3E+5620*k4E-90323*k5E)*h/5778),I(i)+((99353*k1I-5700*k2I-5740*k3I+5620*k4I-90323*k5I)*h/5778),R(i)+((99353*k1R-5700*k2R-5740*k3R+5620*k4R-90323*k5R)*h/5778));$

$k6E=fE(t(i)+(5*h/9),S(i)+((99353*k1S-5700*k2S-5740*k3S+5620*k4S-90323*k5S)*h/5778),E(i)+((99353*k1E-5700*k2E-5740*k3E+5620*k4E-90323*k5E)*h/5778),I(i)+((99353*k1I-5700*k2I-5740*k3I+5620*k4I-90323*k5I)*h/5778),R(i)+((99353*k1R-5700*k2R-5740*k3R+5620*k4R-90323*k5R)*h/5778));$

$k6I=fI(t(i)+(5*h/9),S(i)+((99353*k1S-5700*k2S-5740*k3S+5620*k4S-90323*k5S)*h/5778),E(i)+((99353*k1E-5700*k2E-5740*k3E+5620*k4E-90323*k5E)*h/5778),I(i)+((99353*k1I-5700*k2I-5740*k3I+5620*k4I-90323*k5I)*h/5778),R(i)+((99353*k1R-5700*k2R-5740*k3R+5620*k4R-90323*k5R)*h/5778));$

$$k6R=fR(t(i)+(5*h/9),S(i)+((99353*k1S-5700*k2S-5740*k3S+5620*k4S-90323*k5S)*h/5778),E(i)+((99353*k1E-5700*k2E-5740*k3E+5620*k4E-90323*k5E)*h/5778),I(i)+((99353*k1I-5700*k2I-5740*k3I+5620*k4I-90323*k5I)*h/5778),R(i)+((99353*k1R-5700*k2R-5740*k3R+5620*k4R-90323*k5R)*h/5778));$$

$$k7S=fS(t(i)+(6*h/9),S(i)+((-16343*k1S-502*k2S+5540*k3S-5420*k4S-5560*k5S+26023*k6S)*h/5580),E(i)+((-16343*k1E-502*k2E+5540*k3E-5420*k4E-5560*k5E+26023*k6E)*h/5580),I(i)+((-16343*k1I-502*k2I+5540*k3I-5420*k4I-5560*k5I+26023*k6I)*h/5580),R(i)+((-16343*k1R-502*k2R+5540*k3R-5420*k4R-5560*k5R+26023*k6R)*h/5580));$$

$$k7E=fE(t(i)+(6*h/9),S(i)+((-16343*k1S-502*k2S+5540*k3S-5420*k4S-5560*k5S+26023*k6S)*h/5580),E(i)+((-16343*k1E-502*k2E+5540*k3E-5420*k4E-5560*k5E+26023*k6E)*h/5580),I(i)+((-16343*k1I-502*k2I+5540*k3I-5420*k4I-5560*k5I+26023*k6I)*h/5580),R(i)+((-16343*k1R-502*k2R+5540*k3R-5420*k4R-5560*k5R+26023*k6R)*h/5580));$$

$$k7I=fI(t(i)+(6*h/9),S(i)+((-16343*k1S-502*k2S+5540*k3S-5420*k4S-5560*k5S+26023*k6S)*h/5580),E(i)+((-16343*k1E-502*k2E+5540*k3E-5420*k4E-5560*k5E+26023*k6E)*h/5580),I(i)+((-16343*k1I-502*k2I+5540*k3I-5420*k4I-5560*k5I+26023*k6I)*h/5580),R(i)+((-16343*k1R-502*k2R+5540*k3R-5420*k4R-5560*k5R+26023*k6R)*h/5580));$$

$$k7R=fR(t(i)+(6*h/9),S(i)+((-16343*k1S-502*k2S+5540*k3S-5420*k4S-5560*k5S+26023*k6S)*h/5580),E(i)+((-16343*k1E-502*k2E+5540*k3E-5420*k4E-5560*k5E+26023*k6E)*h/5580),I(i)+((-16343*k1I-502*k2I+5540*k3I-5420*k4I-5560*k5I+26023*k6I)*h/5580),R(i)+((-16343*k1R-502*k2R+5540*k3R-5420*k4R-5560*k5R+26023*k6R)*h/5580));$$

$$k8S=fS(t(i)+(7*h/9),S(i)+((11546*k1S+445*k2S-440*k3S+420*k4S+320*k5S+420*k6S-12361*k7S)*h/450),E(i)+((11546*k1E+445*k2E-440*k3E+420*k4E+320*k5E+420*k6E-12361*k7E)*h/450),I(i)+((11546*k1I+445*k2I-440*k3I+420*k4I+320*k5I+420*k6I-12361*k7I)*h/450),R(i)+((11546*k1R+445*k2R-440*k3R+420*k4R+320*k5R+420*k6R-12361*k7R)*h/450));$$

$$k8E=fE(t(i)+(7*h/9),S(i)+((11546*k1S+445*k2S-440*k3S+420*k4S+320*k5S+420*k6S-12361*k7S)*h/450),E(i)+((11546*k1E+445*k2E-440*k3E+420*k4E+320*k5E+420*k6E-12361*k7E)*h/450),I(i)+((11546*k1I+445*k2I-440*k3I+420*k4I+320*k5I+420*k6I-12361*k7I)*h/450),R(i)+((11546*k1R+445*k2R-440*k3R+420*k4R+320*k5R+420*k6R-12361*k7R)*h/450));$$

$$k8I=fI(t(i)+(7*h/9),S(i)+((11546*k1S+445*k2S-440*k3S+420*k4S+320*k5S+420*k6S-$$

$12361*k7S)*h/450),E(i)+((11546*k1E+445*k2E-440*k3E+420*k4E+320*k5E+420*k6E-12361*k7E)*h/450),I(i)+((11546*k1I+445*k2I-440*k3I+420*k4I+320*k5I+420*k6I-12361*k7I)*h/450),R(i)+((11546*k1R+445*k2R-440*k3R+420*k4R+320*k5R+420*k6R-12361*k7R)*h/450));$

$k8R=fR(t(i)+(7*h/9),S(i)+((11546*k1S+445*k2S-440*k3S+420*k4S+320*k5S+420*k6S-12361*k7S)*h/450),E(i)+((11546*k1E+445*k2E-440*k3E+420*k4E+320*k5E+420*k6E-12361*k7E)*h/450),I(i)+((11546*k1I+445*k2I-440*k3I+420*k4I+320*k5I+420*k6I-12361*k7I)*h/450),R(i)+((11546*k1R+445*k2R-440*k3R+420*k4R+320*k5R+420*k6R-12361*k7R)*h/450));$

$k9S=fS(t(i)+(8*h/9),S(i)+((-1281*k1S+4720*k2S+390*k3S+1280*k4S-2860*k5S+2700*k6S-4762*k7S+4053*k8S)*h/4770),E(i)+((-1281*k1E+4720*k2E+390*k3E+1280*k4E-2860*k5E+2700*k6E-4762*k7E+4053*k8E)*h/4770),I(i)+((-1281*k1I+4720*k2I+390*k3I+1280*k4I-2860*k5I+2700*k6I-4762*k7I+4053*k8I)*h/4770),R(i)+((-1281*k1R+4720*k2R+390*k3R+1280*k4R-2860*k5R+2700*k6R-4762*k7R+4053*k8R)*h/4770));$

$k9E=fE(t(i)+(8*h/9),S(i)+((-1281*k1S+4720*k2S+390*k3S+1280*k4S-2860*k5S+2700*k6S-4762*k7S+4053*k8S)*h/4770),E(i)+((-1281*k1E+4720*k2E+390*k3E+1280*k4E-2860*k5E+2700*k6E-4762*k7E+4053*k8E)*h/4770),I(i)+((-1281*k1I+4720*k2I+390*k3I+1280*k4I-2860*k5I+2700*k6I-4762*k7I+4053*k8I)*h/4770),R(i)+((-1281*k1R+4720*k2R+390*k3R+1280*k4R-2860*k5R+2700*k6R-4762*k7R+4053*k8R)*h/4770));$

$k9I=fI(t(i)+(8*h/9),S(i)+((-1281*k1S+4720*k2S+390*k3S+1280*k4S-2860*k5S+2700*k6S-4762*k7S+4053*k8S)*h/4770),E(i)+((-1281*k1E+4720*k2E+390*k3E+1280*k4E-2860*k5E+2700*k6E-4762*k7E+4053*k8E)*h/4770),I(i)+((-1281*k1I+4720*k2I+390*k3I+1280*k4I-2860*k5I+2700*k6I-4762*k7I+4053*k8I)*h/4770),R(i)+((-1281*k1R+4720*k2R+390*k3R+1280*k4R-2860*k5R+2700*k6R-4762*k7R+4053*k8R)*h/4770));$

$k9R=fR(t(i)+(8*h/9),S(i)+((-1281*k1S+4720*k2S+390*k3S+1280*k4S-2860*k5S+2700*k6S-4762*k7S+4053*k8S)*h/4770),E(i)+((-1281*k1E+4720*k2E+390*k3E+1280*k4E-2860*k5E+2700*k6E-4762*k7E+4053*k8E)*h/4770),I(i)+((-1281*k1I+4720*k2I+390*k3I+1280*k4I-2860*k5I+2700*k6I-4762*k7I+4053*k8I)*h/4770),R(i)+((-1281*k1R+4720*k2R+390*k3R+1280*k4R-2860*k5R+2700*k6R-4762*k7R+4053*k8R)*h/4770));$

$k10S=fS(t(i)+h,S(i)+((-2500*k1S+1000*k2S+120*k3S+1200*k4S-600*k5S+240*k6S+1800*k7S+540*k8S)*h/1800),E(i)+((-$

$$\begin{aligned}
&2500*k1E+1000*k2E+120*k3E+1200*k4E- \\
&600*k5E+240*k6E+1800*k7E+540*k8E)*h/1800),I(i)+((- \\
&2500*k1I+1000*k2I+120*k3I+1200*k4I- \\
&600*k5I+240*k6I+1800*k7I+540*k8I)*h/1800),R(i)+((- \\
&2500*k1R+1000*k2R+120*k3R+1200*k4R- \\
&600*k5R+240*k6R+1800*k7R+540*k8R)*h/1800));
\end{aligned}$$

$$\begin{aligned}
&k10E=fE(t(i)+h,S(i)+((-2500*k1S+1000*k2S+120*k3S+1200*k4S- \\
&600*k5S+240*k6S+1800*k7S+540*k8S)*h/1800),E(i)+((- \\
&2500*k1E+1000*k2E+120*k3E+1200*k4E- \\
&600*k5E+240*k6E+1800*k7E+540*k8E)*h/1800),I(i)+((- \\
&2500*k1I+1000*k2I+120*k3I+1200*k4I- \\
&600*k5I+240*k6I+1800*k7I+540*k8I)*h/1800),R(i)+((- \\
&2500*k1R+1000*k2R+120*k3R+1200*k4R- \\
&600*k5R+240*k6R+1800*k7R+540*k8R)*h/1800));
\end{aligned}$$

$$\begin{aligned}
&k10I=fI(t(i)+h,S(i)+((-2500*k1S+1000*k2S+120*k3S+1200*k4S- \\
&600*k5S+240*k6S+1800*k7S+540*k8S)*h/1800),E(i)+((- \\
&2500*k1E+1000*k2E+120*k3E+1200*k4E- \\
&600*k5E+240*k6E+1800*k7E+540*k8E)*h/1800),I(i)+((- \\
&2500*k1I+1000*k2I+120*k3I+1200*k4I- \\
&600*k5I+240*k6I+1800*k7I+540*k8I)*h/1800),R(i)+((- \\
&2500*k1R+1000*k2R+120*k3R+1200*k4R- \\
&600*k5R+240*k6R+1800*k7R+540*k8R)*h/1800));
\end{aligned}$$

$$\begin{aligned}
&k10R=fR(t(i)+h,S(i)+((-2500*k1S+1000*k2S+120*k3S+1200*k4S- \\
&600*k5S+240*k6S+1800*k7S+540*k8S)*h/1800),E(i)+((- \\
&2500*k1E+1000*k2E+120*k3E+1200*k4E- \\
&600*k5E+240*k6E+1800*k7E+540*k8E)*h/1800),I(i)+((- \\
&2500*k1I+1000*k2I+120*k3I+1200*k4I- \\
&600*k5I+240*k6I+1800*k7I+540*k8I)*h/1800),R(i)+((- \\
&2500*k1R+1000*k2R+120*k3R+1200*k4R- \\
&600*k5R+240*k6R+1800*k7R+540*k8R)*h/1800));
\end{aligned}$$

$$t(i+1)=t(i)+h;$$

$$S(i+1)=S(i)+(2857*k1S+15741*k2S+1080*k3S+19344*k4S+5778*k5S+5778*k6S+19344*k7S+1080*k8S+15741*k9S+2857*k10S)*h/89600;$$

$$E(i+1)=E(i)+(2857*k1E+15741*k2E+1080*k3E+19344*k4E+5778*k5E+5778*k6E+19344*k7E+1080*k8E+15741*k9E+2857*k10E)*h/89600;$$

$$I(i+1)=I(i)+(2857*k1I+15741*k2I+1080*k3I+19344*k4I+5778*k5I+5778*k6I+19344*k7I+1080*k8I+15741*k9I+2857*k10I)*h/89600;$$

$$R(i+1)=R(i)+(2857*k1R+15741*k2R+1080*k3R+19344*k4R+5778*k5R+5778*k6R+19344*k7R+1080*k8R+15741*k9R+2857*k10R)*h/89600;$$

```
fprintf('%4.f %5.4f %6.4f %6.4f %6.4f %6.4f\n',i,t(i),S(i),E(i),I(i),R(i));  
end
```



Lampiran 3 : Dataset Penyebaran COVID-19 di DKI Jakarta periode bulan Maret sampai Desember 2020

Date	Suspected	Exposed	pertambahan per hari	Laju S->E	Infected	pertambahan per hari	Laju E->I	Recovered	pertambahan per hari	Laju I->R	Death	pertambahan per hari	Laju I->D
24-Mar													
25-Mar	8.456.000	2.669	142		440	440		24	24		37	37	
26-Mar		2.811	142	0,000017	515	75	0,0336474	29	5	0,0120192	49	12	0,029776675
27-Mar		2.917	106	0,000013	566	51	0,0222125	31	2	0,0041152	57	8	0,017167382
28-Mar		3.185	268	0,000032	603	37	0,015738	43	12	0,0224299	62	5	0,009823183
29-Mar		3.335	150	0,000018	701	98	0,0379551	48	5	0,0089286	67	5	0,009242144
30-Mar		3.385	50	0,000006	727	26	0,0098709	49	1	0,0015314	78	11	0,017350158
31-Mar		3.561	176	0,000021	794	67	0,0252069	51	2	0,0029499	88	10	0,01540832
01-Apr		3.591	30	0,000004	816	22	0,0079508	51	0	0	90	2	0,002832861
02-Apr		3.671	80	0,000009	909	93	0,0335135	54	3	0,0039216	95	5	0,006887052
03-Apr		4.525	854	0,000101	990	81	0,0293266	56	2	0,0023392	98	3	0,003685504
04-Apr		4.536	11	0,000001	1071	81	0,0229137	58	2	0,0021413	99	1	0,001121076
05-Apr		4.606	70	0,000008	1151	80	0,023088	64	6	0,005923	123	24	0,024691358
06-Apr		4.786	180	0,000021	1299	148	0,0428365	68	4	0,0036799	131	8	0,007782101
07-Apr		4.793	7	0,000001	1395	96	0,0275308	69	1	0,0008123	133	2	0,001712329
08-Apr		4.852	59	0,000007	1552	157	0,0462036	75	6	0,0045249	144	11	0,008716323
09-Apr		5.062	210	0,000025	1632	80	0,0242424	82	7	0,0047393	149	5	0,003551136
10-Apr		5.225	163	0,000019	1810	178	0,051895	82	0	0	156	7	0,004720162
11-Apr		5.252	27	0,000003	1903	93	0,0272328	142	60	0,0347222	168	12	0,007255139
12-Apr		5.291	39	0,000005	2082	179	0,0534488	142	0	0	195	27	0,01556196
13-Apr		5.322	31	0,000004	2242	160	0,0498598	142	0	0	209	14	0,007419184
14-Apr		5.423	101	0,000012	2349	107	0,0347403	163	21	0,01	243	34	0,016724053
15-Apr		5.448	25	0,000003	2447	98	0,0318803	164	1	0,0004575	246	3	0,001424501
16-Apr		5.505	57	0,000007	2670	223	0,0743086	202	38	0,0166448	248	2	0,000908678
17-Apr		6.644	1.139	0,000135	2823	153	0,0539683	203	1	0,0004052	250	2	0,000825764
18-Apr		10.839	4.195	0,000496	2902	79	0,0206752	206	3	0,001145	257	7	0,00272056
19-Apr		10.887	48	0,000006	3033	131	0,016505	207	1	0,0003709	292	35	0,013232514
20-Apr		10.941	54	0,000006	3112	79	0,0100586	237	30	0,0106157	297	5	0,001824152
21-Apr		11.000	59	0,000007	3279	167	0,0213309	286	49	0,0170435	305	8	0,002841918
22-Apr		11.036	36	0,000004	3399	120	0,015542	291	5	0,0016706	308	3	0,001008742
23-Apr		11.089	53	0,000006	3506	107	0,0140107	292	1	0,0003218	316	8	0,002588159
24-Apr		11.132	43	0,000005	3605	99	0,0130555	327	35	0,0108899	331	15	0,004702194
25-Apr		11.232	100	0,000012	3681	76	0,010097	334	7	0,0021354	350	19	0,005803299
26-Apr		11.275	43	0,000005	3746	65	0,0086081	338	4	0,0011951	357	7	0,002101471
27-Apr		11.389	114	0,000013	3832	86	0,0114225	338	0	0	375	18	0,005311301
28-Apr		12.732	1.343	0,000159	3950	118	0,0156147	341	3	0,0008586	379	4	0,001157073
29-Apr		13.624	892	0,000106	4033	83	0,0094512	412	71	0,019673	381	2	0,000560067
30-Apr		13.828	204	0,000024	4138	105	0,0109478	412	0	0	381	0	0
01-May		13.915	87	0,000010	4283	145	0,0149639	427	15	0,0040258	393	12	0,003194038
02-May		14.111	196	0,000023	4355	72	0,0074751	562	135	0,0350104	400	7	0,001799486
03-May		14.382	271	0,000032	4417	62	0,0063551	622	60	0,0158186	410	10	0,002528445
04-May		15.200	818	0,000097	4472	55	0,0055193	650	28	0,0073781	412	2	0,000499127
05-May		15.238	38	0,000005	4641	169	0,0157532	711	61	0,0159602	414	2	0,000492611
06-May		15.321	83	0,000010	4709	68	0,0064169	713	2	0,0005089	420	6	0,001419446
07-May		15.513	192	0,000023	4775	66	0,0062194	718	5	0,0012513	430	10	0,002331546
08-May		15.740	227	0,000027	4901	126	0,011734	763	45	0,0110919	431	1	0,00023015
09-May		15.904	164	0,000019	4958	57	0,0052588	767	4	0,0009667	437	6	0,001342282
10-May		16.084	180	0,000021	5140	182	0,0166271	803	36	0,0085898	444	7	0,00154833
11-May		16.760	676	0,000080	5195	55	0,0050256	836	33	0,0076089	453	9	0,001916525
12-May		17.596	836	0,000099	5303	108	0,0093385	1262	426	0,0977288	457	4	0,000843526
13-May		18.072	476	0,000056	5437	134	0,0109005	1277	15	0,003712	461	4	0,000825423
14-May		19.201	1.129	0,000134	5617	180	0,0142461	1279	2	0,0004808	466	5	0,001004823
15-May		22.260	3.059	0,000363	5679	62	0,0045642	1286	7	0,0016136	474	8	0,001553096
16-May		22.556	296	0,000035	5795	116	0,006996	1292	6	0,0013658	475	1	0,000192123
17-May		24.963	2.407	0,000285	5922	127	0,0075771	1295	3	0,0006662	478	3	0,00056391
18-May		27.493	2.530	0,000300	5996	74	0,0038864	1301	6	0,0012967	483	5	0,000918442
19-May		29.642	2.149	0,000255	6053	57	0,0026515	1417	116	0,0247071	487	4	0,000725558
20-May		30.895	1.253	0,000149	6150	97	0,0041121	1425	8	0,0017256	493	6	0,001077973

21-May		31.770	875	0,000104	6220	70	0,0028289	1536	111	0,0234921	498	5	0,000883861
22-May		32.210	440	0,000052	6316	96	0,0037573	1558	22	0,0046968	501	3	0,000524292
23-May		33.948	1.738	0,000206	6443	127	0,0049046	1587	29	0,006095	504	3	0,000515907
24-May		35.051	1.103	0,000131	6561	118	0,0042901	1594	7	0,0014415	505	1	0,000168379
25-May		36.268	1.217	0,000145	6628	67	0,0023517	1648	54	0,0108718	506	1	0,000165125
26-May		37.711	1.443	0,000171	6689	61	0,002058	1678	30	0,0060241	508	2	0,000326691
27-May		39.010	1.299	0,000154	6826	137	0,0044162	1698	20	0,0039912	510	2	0,000323572
28-May		40.281	1.271	0,000151	6929	103	0,0032003	1719	21	0,0040952	514	4	0,000633312
29-May		41.858	1.577	0,000187	7053	124	0,0037179	1807	88	0,0168906	517	3	0,000467654
30-May		43.362	1.504	0,000179	7151	98	0,0028157	2003	196	0,0373618	519	2	0,000305998
31-May		44.647	1.285	0,000153	7272	121	0,0033415	2102	99	0,0192308	520	1	0,000150784
01-Jun		45.166	519	0,000062	7383	111	0,0029699	2246	144	0,027853	521	1	0,000148104
02-Jun		45.482	316	0,000038	7459	76	0,0020115	2405	159	0,0309519	525	4	0,00058292
03-Jun		46.134	652	0,000078	7539	80	0,002104	2534	129	0,0255243	529	4	0,000576868
04-Jun		47.080	946	0,000112	7600	61	0,0015805	2607	73	0,0145854	530	1	0,000142653
05-Jun		48.524	1.444	0,000172	7684	84	0,0021277	2751	144	0,0288404	532	2	0,000282885
06-Jun		49.006	482	0,000057	7786	102	0,0024976	2840	89	0,0180418	535	3	0,000419463
07-Jun		49.545	539	0,000064	7946	160	0,0038816	3170	330	0,0667206	537	2	0,000275824
08-Jun		50.321	776	0,000092	8037	91	0,0021876	3205	35	0,0073283	538	1	0,000134971
09-Jun		52.156	1.835	0,000218	8276	239	0,0056523	3369	164	0,0339404	547	9	0,00120016
10-Jun		54.103	1.947	0,000232	8423	147	0,00335	3517	148	0,030161	551	4	0,000517531
11-Jun		57.766	3.663	0,000436	8552	129	0,002824	3664	147	0,0299633	555	4	0,00050813
12-Jun		60.107	2.341	0,000279	8628	76	0,0015443	3780	116	0,0237316	561	6	0,000750281
13-Jun		62.286	2.179	0,000260	8748	120	0,002331	3840	60	0,0123762	564	3	0,000371885
14-Jun		63.393	1.107	0,000132	8863	115	0,002148	4091	251	0,051141	571	7	0,000855327
15-Jun		67.979	4.586	0,000546	8968	105	0,0019255	4198	107	0,0224225	580	9	0,001085384
16-Jun		70.680	2.701	0,000322	9092	124	0,0021013	4329	131	0,0274633	583	3	0,000357654
17-Jun		73.568	2.888	0,000344	9209	117	0,0018997	4444	115	0,0241444	588	5	0,000587613
18-Jun		76.466	2.898	0,000346	9385	176	0,0027347	4592	148	0,0310598	594	6	0,000695975
19-Jun		81.064	4.598	0,000549	9525	140	0,002087	4682	90	0,0187774	599	5	0,000568764
20-Jun		83.328	2.264	0,000270	9703	178	0,0024882	4821	139	0,0287012	603	4	0,000448129
21-Jun		84.351	1.023	0,000122	9830	127	0,001725	5054	233	0,0477263	615	12	0,001318681
22-Jun		85.321	970	0,000116	9957	127	0,0017042	5128	74	0,0154941	618	3	0,000325556
23-Jun		86.840	1.519	0,000181	10123	166	0,0022026	5228	100	0,0207082	619	1	0,000107078
24-Jun		90.426	3.586	0,000428	10277	154	0,0020074	5322	94	0,0192033	628	9	0,00094697
25-Jun		96.227	5.801	0,000693	10472	195	0,002433	5435	113	0,0228052	631	3	0,000310913
26-Jun		100.729	4.502	0,000539	10640	168	0,0019591	5542	107	0,0212428	632	1	0,000101616
27-Jun		104.597	3.868	0,000463	10853	213	0,0023643	5610	68	0,0133386	632	0	0
28-Jun		106.678	2.081	0,000249	10985	132	0,0014081	5865	255	0,0486363	635	3	0,000293513
29-Jun		108.885	2207	0,000264	11080	95	0,0009928	6118	253	0,0494141	636	1	0,0000966183574879227
30-Jun		110.759	1874	0,000225	11276	196	0,002004	6512	394	0,0794035	641	5	0,000478744
1-Juli		113.179	2420	0,000290	11482	206	0,0020707	6680	168	0,0352645	644	3	0,000282087
2-Juli		114.285	1106	0,000133	11677	195	0,0019175	6871	191	0,0397751	646	2	0,000184536
3-Juli		115.379	1094	0,000131	11824	147	0,0014326	7109	238	0,0495214	648	2	0,000181307
4-Juli		116462	1083	0,000130	12039	215	0,0020762	7377	268	0,0568399	650	2	0,000178955
5-Juli		117019	557	0,000067	12295	256	0,0024516	7663	286	0,0613471	658	8	0,000702432
6-Juli		117844	825	0,000099	12526	231	0,0022058	8033	370	0,0798791	658	0	0
7-Juli		119795	1951	0,000234	12725	199	0,0018895	8277	244	0,0543067	664	6	0,000505561
8-Juli		121149	1354	0,000162	13069	344	0,0032129	8429	152	0,0341727	667	3	0,000248736
9-Juli		122407	1258	0,000000	13359	290	0,0026832	8647	218	0,0469828	677	10	0,000806322
10-Juli		124623	2216	0,000266	13598	239	0,0021917	8825	178	0,0377759	684	7	0,000519663
11-Juli		125503	880	0,000106	13957	359	0,0032335	9040	215	0,045045	690	6	0,000464612
12-Juli		126227	724	0,000087	14361	404	0,0036218	9200	160	0,0325402	702	12	0,0009045
13-Juli		126824	597	0,000072	14639	278	0,0024851	9408	208	0,0403023	710	8	0,000585694
14-Juli		128489	1665	0,000200	14914	275	0,0024513	9528	120	0,0229402	714	4	0,000287171
15-Juli		130297	1808	0,000217	15173	259	0,0022804	9721	193	0,0358336	720	6	0,000422535
16-Juli		135929	5632	0,000676	15466	293	0,0025451	9857	136	0,024945	722	2	0,00013838
17-Juli		137789	1860	0,000224	15707	241	0,0020006	9994	137	0,024425	731	9	0,000610418
18-Juli		140021	2232	0,000268	16038	331	0,0027113	10117	123	0,0215298	740	9	0,000600962
19-Juli		141471	1450	0,000174	16351	313	0,0025245	10444	327	0,0552272	748	8	0,000522944

20-Juli	142017	546	0,000066	16712	361	0,0028852	10602	158	0,0267479	749	1	6,40902E-05
21-Juli	143326	1309	0,000157	17153	441	0,0035194	10864	262	0,0428805	758	9	0,000563804
22-Juli	145348	2022	0,000243	17529	376	0,00298	11187	323	0,0513595	766	8	0,000487954
23-Juli	147558	2210	0,000266	17945	416	0,0032546	11302	115	0,0181331	767	1	5,96552E-05
24-Juli	150096	2538	0,000305	18230	285	0,0021989	11585	283	0,0426012	768	1	5,8214E-05
25-Juli	152370	2274	0,000274	18623	393	0,0029803	11715	130	0,0195636	769	1	5,72672E-05
26-Juli	153376	1006	0,000121	19001	378	0,0028262	11889	174	0,0251882	779	10	0,000560099
27-Juli	154388	1012	0,000122	19473	472	0,0035126	11996	107	0,015045	782	3	0,000164636
28-Juli	157008	2620	0,000316	19885	412	0,0030538	12373	377	0,0504213	795	13	0,000695522
29-Juli	159325	2317	0,000279	20470	585	0,0042662	12613	240	0,0319489	820	25	0,001309586
30-Juli	162408	3083	0,000372	20769	299	0,0021533	12801	188	0,0239277	821	1	5,08906E-05
31-Juli	163973	1565	0,000189	21201	432	0,00305	13208	407	0,0510793	836	15	0,000751955
1-Agustus	165029	1056	0,000127	21575	374	0,0026196	13887	679	0,0849493	852	16	0,000785662
2-Agustus	166201	1172	0,000141	21954	379	0,002642	14027	140	0,0182102	852	0	0
3-Agustus	167195	994	0,000120	22443	489	0,00339	14165	138	0,0174089	867	15	0,000710833
4-Agustus	168824	1629	0,000197	22909	466	0,0032193	14381	216	0,0260933	880	13	0,000602521
5-Agustus	171391	2567	0,000310	23266	357	0,0024466	14760	379	0,0444418	895	15	0,000680921
6-Agustus	173621	2230	0,000269	23863	597	0,0040304	15006	246	0,0289208	908	13	0,000581109
7-Agustus	175765	2144	0,000259	24521	658	0,0043938	15201	195	0,0220165	922	14	0,000609889
8-Agustus	178018	2253	0,000272	25242	721	0,0047671	15710	509	0,0546137	934	12	0,000508496
9-Agustus	179296	1278	0,000154	25714	472	0,0030895	16268	558	0,0585397	939	5	0,000205694
10-Agustus	180296	1000	0,000121	26193	479	0,0031189	16446	178	0,018844	940	1	4,03633E-05
11-Agustus	182712	2416	0,000292	26664	471	0,0030564	16927	481	0,0493485	953	13	0,00051479
12-Agustus	184973	2261	0,000273	27242	578	0,003704	17349	422	0,0433398	968	15	0,000583408
13-Agustus	186778	1805	0,000218	27863	621	0,0039371	17838	489	0,0494289	981	13	0,000494786
14-Agustus	188878	2100	0,000254	28438	575	0,0036183	18528	690	0,0688279	985	4	0,000148798
15-Agustus	190722	1844	0,000223	29036	598	0,0037273	18974	446	0,045005	991	6	0,000218555
16-Agustus	192926	2204	0,000267	29554	518	0,0032037	19708	734	0,0729477	995	4	0,000142628
17-Agustus	194756	1830	0,000221	30092	538	0,0032931	19916	208	0,0211253	1011	16	0,000560244
18-Agustus	198042	3286	0,000398	30597	505	0,0030669	20505	589	0,0578813	1028	17	0,000584574
19-Agustus	200334	2292	0,000278	31162	565	0,0033742	21069	564	0,0558859	1046	18	0,000608746
20-Agustus	202147	1813	0,000220	31757	595	0,0035171	21795	726	0,071931	1061	15	0,000498074
21-Agustus	205597	3450	0,000418	32398	641	0,003762	22228	433	0,0434652	1076	15	0,000488663
22-Agustus	208257	2660	0,000322	32999	601	0,00347	22877	649	0,0638151	1091	15	0,000478897
23-Agustus	210622	2365	0,000287	33636	637	0,0036346	23567	690	0,0681683	1107	16	0,000501442
24-Agustus	213119	2497	0,000303	34295	659	0,0037235	24563	1896	0,1883007	1112	5	0,000153709
25-Agustus	214890	1771	0,000215	34931	636	0,0035566	25986	523	0,0592165	1129	17	0,000512311
26-Agustus	216713	1823	0,000221	35642	711	0,0039509	26750	764	0,0854108	1144	15	0,000443761
27-Agustus	218025	1312	0,000159	36462	820	0,0045286	28288	1538	0,1729645	1147	3	8,69616E-05
28-Agustus	219806	1781	0,000216	37278	816	0,0044943	29169	881	0,1077808	1154	7	0,000198216
29-Agustus	221287	1481	0,000180	38166	888	0,004865	29768	599	0,0738685	1172	18	0,000498284
30-Agustus	223692	2405	0,000292	39280	1114	0,0060834	30134	366	0,0435818	1186	14	0,00037844
31-Agustus	228080	4388	0,000533	40309	1029	0,0055799	30538	404	0,0441723	1202	16	0,000420014
01-Sep	229964	1884	0,000229	41250	941	0,0050114	31267	729	0,0746085	1219	17	0,000434705
02-Sep	236400	6436	0,000782	42303	1053	0,0055799	31741	474	0,0474807	1237	18	0,000449652
03-Sep	239367	2967	0,000361	43709	1406	0,0072438	32424	683	0,0646658	1253	16	0,000389617
04-Sep	243613	4246	0,000517	44604	895	0,0045743	33260	836	0,0740806	1260	7	0,000164877
05-Sep	246869	3256	0,000396	45446	842	0,004231	33991	731	0,0644394	1277	17	0,000392211
06-Sep	246869	0	-	46691	1245	0,006181	34738	747	0,0652117	1289	12	0,000271684
07-Sep	251859	4990	0,000608	47796	1105	0,0055201	35431	693	0,0579771	1318	29	0,000638738
08-Sep	253852	1993	0,000243	48811	1015	0,004974	36451	1020	0,0824909	1330	12	0,000258187
09-Sep	258553	4701	0,000573	49837	1026	0,0050039	37245	794	0,0642395	1347	17	0,000358038
10-Sep	260872	2319	0,000283	51287	1450	0,0069472	38226	981	0,0779066	1365	18	0,000371211
11-Sep	263183	2311	0,000282	53321	2034	0,0097049	39115	889	0,0680652	1382	17	0,000340531
12-Sep	267218	4035	0,000493	53761	440	0,0020966	40183	1068	0,0571595	1404	22	0,000423574
13-Sep	268838	1620	0,000198	54864	1103	0,0051673	41014	831	0,0612019	1410	6	0,000114598
14-Sep	273875	5037	0,000615	55926	1062	0,0049632	42325	1311	0,094657	1440	30	0,00056123
15-Sep	276305	2430	0,000297	56953	1027	0,0047121	43306	981	0,072127	1468	28	0,000513893
16-Sep	283168	6863	0,000839	58458	1505	0,0068611	44251	945	0,069246	1498	30	0,000540687
17-Sep	285931	2763	0,000338	59472	1014	0,0045125	45207	956	0,0672908	1513	15	0,000263343
18-Sep	296482	10551	0,001291	60875	1403	0,0061954	46235	1028	0,0720645	1535	22	0,000379579
19-Sep	301743	5261	0,000645	61807	932	0,0039557	47260	1025	0,0700137	1546	11	0,000185372
20-Sep	304584	2841	0,000348	62886	1079	0,004497	49209	1949	0,1339795	1561	15	0,000248917
21-Sep	306651	2067	0,000254	64196	1310	0,00542	49630	421	0,0307816	1592	31	0,000505503
22-Sep	312153	5502	0,000675	65138	942	0,0038853	50473	843	0,0578745	1624	32	0,000511149
23-Sep	315192	3039	0,000373	66505	1367	0,0055341	51578	1105	0,0753495	1650	26	0,000409359
24-Sep	318199	3007	0,000369	67638	1133	0,0045559	52742	1164	0,0779795	1664	14	0,000215866
25-Sep	322899	4700	0,000578	68927	1289	0,0051445	54352	1610	0,1080827	1677	13	0,000197047
26-Sep	325768	2869	0,000353	70184	1257	0,0049494	55350	998	0,0684734	1679	2	2,97398E-05
27-Sep	330038	4270	0,000525	71730	1546	0,0060489	56413	1063	0,0716597	1692	13	0,000189767
28-Sep	338227	8189	0,001008	72177	447	0,0017305	57741	1328	0,0867011	1704	12	0,000171336
29-Sep	341919	3692	0,000455	73309	1132	0,0042548	58865	1124	0,0778609	1718	14	0,000198658
30-Sep	348126	6207	0,000765	74368	1059	0,0039425	60320	1455	0,1007339	1731	13	0,000181587
1-Okt	352071	3945	0,000487	75521	1153	0,0042117	61444	1124	0,0800114	1737	6	8,26025E-05
2-Okt	360244	8173	0,001009	76619	1098	0,0039703	62279	835	0,0593166	1740	3	4,06592E-05
3-Okt	365542	5298	0,000654	77784	1165	0,0041075	63286	1007	0,0702232	1743	3	4,00646E-05
4-Okt	369081	3539	0,000437	79214	1430	0,0049695	64319	1033	0,0712512	1761	18	0,000236714
5-Okt	372094	3013	0,000373	80036	822	0,0028358	65295	976	0,0655253	1772	11	0,000142022
6-Okt	377498	5404	0,000668	81043	1007	0,0034479	66315	1020	0,0691948	1806	34	0,000434427
7-Okt	386279	8781	0,001087	82383	1340	0,0045201	67310	995	0,0675584	1819	13	0,000164065
8-Okt	395350	9071	0,001124	83392	1009	0,0033202	68352	1042	0,0691302	1838	19	0,000235837

9-Okt		399110	3760	0,000466	84364	972	0,0031158	69203	851	0,0565824	1860	22	0,00026976
10-Okt		404632	5522	0,000685	85617	1253	0,003981	70487	1284	0,084691	1877	17	0,000206051
11-Okt		409922	5290	0,000657	87006	1389	0,004354	71549	1062	0,0701917	1901	24	0,000286601
12-Okt		414474	4552	0,000566	88174	1168	0,003617	72633	1084	0,07013	1922	21	0,000246754
13-Okt		419355	4881	0,000607	89228	1054	0,0032302	73733	1100	0,0707805	1944	22	0,000255067
14-Okt		423692	4337	0,000540	90266	1038	0,0031442	74924	1191	0,0768635	1961	17	0,000194767
15-Okt		431656	7964	0,000991	91337	1071	0,0032121	75974	1050	0,0684396	1984	23	0,000260461
16-Okt		437321	5665	0,000706	92382	1045	0,0030706	76956	982	0,0639198	2008	24	0,000268598
17-Okt		443019	5698	0,000711	93356	974	0,0028237	78062	1106	0,0716971	2032	24	0,000265563
18-Okt		449328	6309	0,000787	94327	971	0,002777	79136	1074	0,0702236	2051	19	0,00020805
19-Okt		452125	2797	0,000349	95253	926	0,0026084	80261	1125	0,074057	2064	13	0,000140882
20-Okt		458904	6779	0,000847	96217	964	0,0027012	81107	846	0,0564301	2086	22	0,000236079
21-Okt		462333	3429	0,000429	97217	1000	0,0027572	82178	1071	0,0708802	2105	19	0,000201846
22-Okt		465477	3144	0,000393	98206	989	0,0027087	83338	1160	0,0771328	2120	15	0,000157709
23-Okt		468967	3490	0,000437	99158	952	0,0025921	84430	1092	0,0734463	2138	18	0,000187332
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25-Okt		477862	5298	0,000664	100991	771	0,0020707	86815	1229	0,0839825	2164	11	0,000112168
26-Okt		481611	3749	0,000470	101897	906	0,002404	87977	1162	0,0819695	2185	21	0,000212493
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28-Okt		490610	2901	0,000364	103522	844	0,002192	90157	1097	0,0805551	2211	16	0,000159231
29-Okt		496792	6182	0,000776	104235	713	0,001842	91235	1078	0,0806584	2225	14	0,000138188
30-Okt		507943	11151	0,001401	104847	612	0,001559	92312	1077	0,0828462	2239	14	0,000137241
31-Okt		514999	7056	0,000888	105597	750	0,0018606	94344	2122	0,169286	2255	16	0,000155933
01-Nov		520982	5983	0,000753	106205	608	0,0014851	94819	385	0,0344889	2273	18	0,000174179
02-Nov		524146	3164	0,000399	107229	1024	0,0024688	95876	1057	0,0928333	2291	18	0,00017319
03-Nov		531205	7059	0,000890	107846	617	0,0014799	96902	1026	0,0903726	2300	9	8,57649E-05
04-Nov		538792	7587	0,000957	108620	774	0,0018282	97833	931	0,0850694	2315	15	0,000142118
05-Nov		546208	7416	0,000937	109411	791	0,0018388	98806	973	0,0902012	2331	16	0,00015051
06-Nov		548909	2701	0,000341	110083	672	0,0015385	99830	1024	0,0965582	2348	17	0,00015876
07-Nov		558062	9153	0,001158	111201	1118	0,0025477	100816	986	0,096167	2359	11	0,000102102
08-Nov		564084	6022	0,000762	112027	826	0,0018484	101791	975	0,0938854	2366	7	6,43134E-05
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10-Nov		570554	5901	0,000748	113756	1013	0,0022416	104144	1300	0,1313264	2391	14	0,000126851
11-Nov		576600	6046	0,000767	114343	587	0,001285	105117	973	0,1012276	2403	12	0,000107754
12-Nov		585362	8762	0,001112	115174	831	0,0017977	106189	1072	0,1161934	2414	11	9,82669E-05
13-Nov		590542	9680	0,001230	116207	1033	0,002197	107147	958	0,1066221	2428	14	0,000124158
14-Nov		597973	2931	0,000373	117462	1255	0,0026209	108209	1062	0,1172185	2441	13	0,000114257
15-Nov		609562	11589	0,001475	118627	1165	0,0024245	109181	972	0,105047	2448	7	6,08585E-05
16-Nov		616013	6451	0,000822	119633	1006	0,0020492	110221	1040	0,1100995	2455	7	6,02519E-05
17-Nov		616013	0	-	120671	1038	0,0020911	111096	875	0,0929664	2459	4	3,41361E-05
18-Nov		626891	10878	0,001388	121818	1147	0,0023156	111948	852	0,0889817	2470	11	9,30532E-05
19-Nov		634077	7186	0,000918	123003	1185	0,0023462	112833	885	0,0896657	2484	14	0,000117304
20-Nov		643777	9700	0,001240	124243	1240	0,0024263	113739	906	0,0890855	2501	17	0,000141057
21-Nov		646952	3175	0,000406	125822	1579	0,0030393	114863	1124	0,1070069	2515	14	0,000114997
22-Nov		656840	9888	0,001266	127164	1342	0,0025752	115939	1076	0,0981841	2531	16	0,000129757
23-Nov		662116	5276	0,000676	128173	1009	0,0019049	117003	1064	0,0947884	2548	17	0,0001364
24-Nov		667395	5279	0,000677	129188	1015	0,001901	118062	1059	0,0948075	2567	19	0,000151244
25-Nov		676597	9202	0,001181	130461	1273	0,0023653	119099	1037	0,0932051	2584	17	0,000134259
26-Nov		687689	11092	0,001426	131525	1064	0,0019482	120287	1188	0,1045591	2597	13	0,00010166
27-Nov		699354	11665	0,001502	132961	1436	0,002582	121082	795	0,0707421	2614	17	0,000131857
28-Nov		710820	11466	0,001478	134331	1370	0,0024188	122328	1246	0,104891	2632	18	0,000138093
29-Nov		719834	9014	0,001164	135762	1431	0,0024823	123163	835	0,0695659	2652	20	0,000151861
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1-Des		730802	4293	0,000555	137919	1058	0,0017943	125102	1024	0,0801064	2689	18	0,000134138
2-Des		740480	9678	0,001253	139085	1166	0,00196661	126163	1061	0,08278062	2710	21	0,000155291
3-Des		750215	9735	0,001262	140238	1153	0,001917209	127136	973	0,075297941	2734	24	0,000175985
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5-Des		763864	4306	0,000559	142630	1360	0,002199622	129067	1016	0,076859066	2779	22	0,00015883
6-Des		781748	17884	0,002325	143961	1331	0,00214251	130136	1069	0,078817371	2799	20	0,000143009
7-Des		788098	6350	0,000827	145427	1466	0,002298573	131071	935	0,067631103	2823	24	0,000170017
8-Des		792303	4205	0,000548	146601	1174	0,001826751	132248	1177	0,081986626	2842	19	0,000133236
9-Des		799793	7490	0,000977	147838	1237	0,001915744	133318	1070	0,07458875	2860	18	0,00012521
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11-Des		809730	6312	0,000825	150250	1232	0,001882641	135545	1179	0,08046683	2902	22	0,000150543
12-Des		813224	3494	0,000457	151201	951	0,001442045	136489	944	0,064195852	2922	20	0,000135733
13-Des		816936	3712	0,000486	152499	1298	0,001960657	137605	1116	0,075856444	2941	19	0,000128137
14-Des		823213	6277	0,000822	154065	1566	0,002356883	138988	1383	0,092856184	2963	22	0,0001471
15-Des		827872	4659	0,000610	155122	1057	0,001579621	140225	1237	0,0820455	2990	27	0,000178687
16-Des		836239	8367	0,001097	156343	1221	0,001814939	141365	1140	0,076525475	3010	20	0,000131465
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18-Des		856206	10116	0,001329	159620	1587	0,002306495	143959	1218	0,07964949	3048	21	0,000135479
19-Des		864194	7988	0,001051	161519	1899	0,002726153	145066	1107	0,070685141	3068	20	0,000127737
20-Des		873147	8953	0,001179	163111	1592	0,002265628	146958	1892	0,114994226	3087	19	0,000119911
21-Des		879117	5970	0,000787	164577	1466	0,002064684	148308	1350	0,083575806	3097	10	6,24906E-05
22-Des		884076	4959	0,000654	165888	1311	0,001834747	149691	1383	0,085008298	3115	18	0,000111469
23-Des		887756	3680	0,000486	167842	1954	0,002720736	151122	1431	0,088349694	3130	15	9,21529E-05
24-Des		890882	3126	0,000413	169775	1933	0,002685043	152491	1369	0,08187799	3146	16	9,71392E-05
25-Des		900517	9635	0,001274	171871	2096	0,002906642	154242	1751	0,101307568	3167	21	0,000126028
26-Des		909474	8957	0,001185	173929	2058	0,002824417	156798	2556	0,144988371	3182	15	8,89131E-05
27-Des		914942	5468	0,000725	175926	1997	0,002714994	158615	1817	0,106065028	3204	22	0,000128846
28-Des		919121	4179	0,000554	177604	1678	0,002270587	159878	1263	0,07295939	3226	22	0,000127372
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30-Des		932294	8711										


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45 - ((-1617*k1R+1697*k2R) *h/360) ;
46 - ((-1617*k1R+1697*k2R) *h/360) ;
47 - ((-1617*k1R+1697*k2R) *h/360) ;
48 - ((-1617*k1R+1697*k2R) *h/360) ;
49
50 - k2I-3141*k3I) *h/1080), R(1) + ((2501*k1R+1000*k2R-3141*k3R) *h/1080) ;
51 - k2I-3141*k3I) *h/1080), R(1) + ((2501*k1R+1000*k2R-3141*k3R) *h/1080) ;
52 - k2I-3141*k3I) *h/1080), R(1) + ((2501*k1R+1000*k2R-3141*k3R) *h/1080) ;
53 - k2I-3141*k3I) *h/1080), R(1) + ((2501*k1R+1000*k2R-3141*k3R) *h/1080) ;
54
55 - /8667), I(1) + ((-154197*k1I-8620*k2I-8640*k3I+175309*k4I) *h/8667), R(1) + ((-154197*k1R-8620*k2R-8640*k3R+175309*k4R) *h/8667) ;
56 - /8667), I(1) + ((-154197*k1I-8620*k2I-8640*k3I+175309*k4I) *h/8667), R(1) + ((-154197*k1R-8620*k2R-8640*k3R+175309*k4R) *h/8667) ;
57 - /8667), I(1) + ((-154197*k1I-8620*k2I-8640*k3I+175309*k4I) *h/8667), R(1) + ((-154197*k1R-8620*k2R-8640*k3R+175309*k4R) *h/8667) ;
58 - /8667), I(1) + ((-154197*k1I-8620*k2I-8640*k3I+175309*k4I) *h/8667), R(1) + ((-154197*k1R-8620*k2R-8640*k3R+175309*k4R) *h/8667) ;
59
60 - 90323*k5E) *h/5778), I(1) + ((99353*k1I-5700*k2I-5740*k3I+5620*k4I-90323*k5I) *h/5778), R(1) + ((99353*k1R-5700*k2R-5740*k3R+5620*k4R-90323*k5R) *h/5778) ;
61 - 90323*k5E) *h/5778), I(1) + ((99353*k1I-5700*k2I-5740*k3I+5620*k4I-90323*k5I) *h/5778), R(1) + ((99353*k1R-5700*k2R-5740*k3R+5620*k4R-90323*k5R) *h/5778) ;
script Ln 14 Col 17 OVR
```

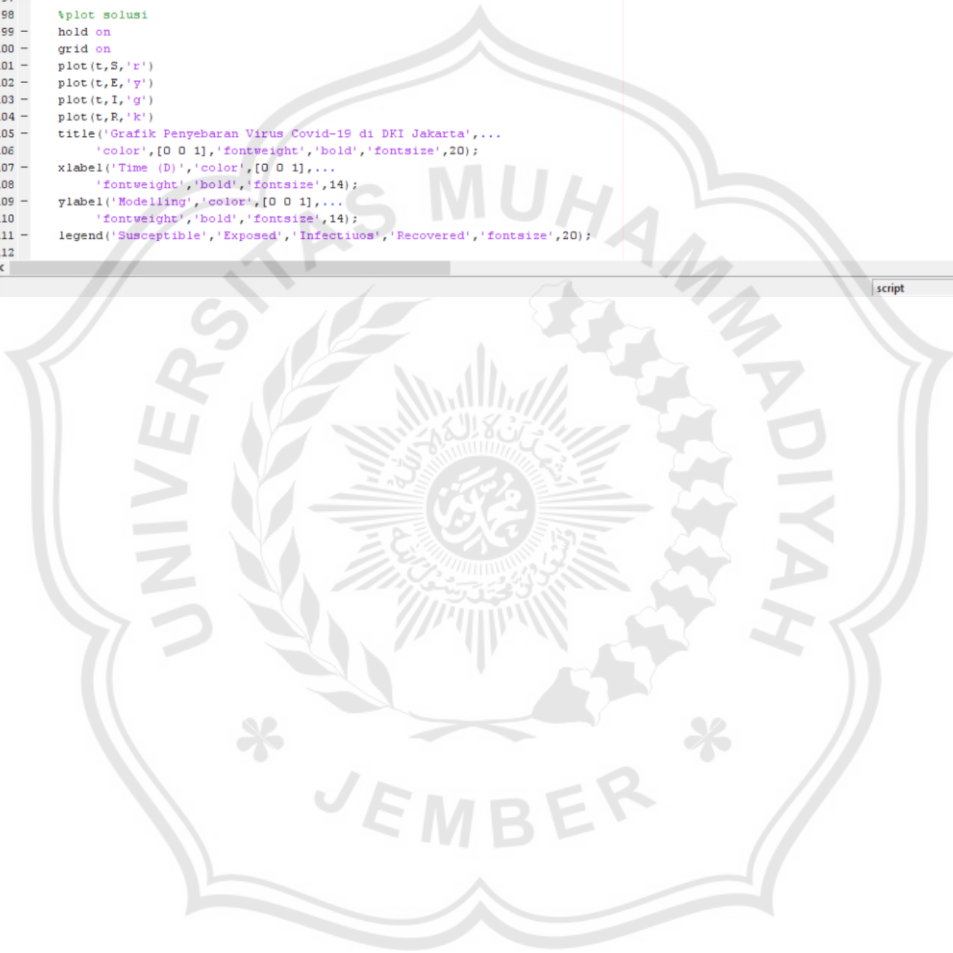
```
Editor - D:\kuliah\skripsi\projek\orde10.m
File Edit Text Go Cell Tools Debug Desktop Window Help
Stack: Base
60 - k6S=fS(t(1)+(5*h/9), S(1) + ((99353*k1S-5700*k2S-5740*k3S+5620*k4S-90323*k5S) *h/5778), E(1) + ((99353*k1E-5700*k2E-5740*k3E+5620*k4E-90323*k5E) *h/5778) ;
61 - k6E=fE(t(1)+(5*h/9), S(1) + ((99353*k1S-5700*k2S-5740*k3S+5620*k4S-90323*k5S) *h/5778), E(1) + ((99353*k1E-5700*k2E-5740*k3E+5620*k4E-90323*k5E) *h/5778) ;
62 - k6I=fI(t(1)+(5*h/9), S(1) + ((99353*k1S-5700*k2S-5740*k3S+5620*k4S-90323*k5S) *h/5778), E(1) + ((99353*k1E-5700*k2E-5740*k3E+5620*k4E-90323*k5E) *h/5778) ;
63 - k6R=fR(t(1)+(5*h/9), S(1) + ((99353*k1S-5700*k2S-5740*k3S+5620*k4S-90323*k5S) *h/5778), E(1) + ((99353*k1E-5700*k2E-5740*k3E+5620*k4E-90323*k5E) *h/5778) ;
64
65 - k7S=fS(t(1)+(6*h/9), S(1) + ((-16343*k1S-502*k2S+5540*k3S-5420*k4S-5560*k5S+26023*k6S) *h/5580), E(1) + ((-16343*k1E-502*k2E+5540*k3E-5420*k4E-5560*k5E+26023*k6E) *h/5580) ;
66 - k7E=fE(t(1)+(6*h/9), S(1) + ((-16343*k1S-502*k2S+5540*k3S-5420*k4S-5560*k5S+26023*k6S) *h/5580), E(1) + ((-16343*k1E-502*k2E+5540*k3E-5420*k4E-5560*k5E+26023*k6E) *h/5580) ;
67 - k7I=fI(t(1)+(6*h/9), S(1) + ((-16343*k1S-502*k2S+5540*k3S-5420*k4S-5560*k5S+26023*k6S) *h/5580), E(1) + ((-16343*k1E-502*k2E+5540*k3E-5420*k4E-5560*k5E+26023*k6E) *h/5580) ;
68 - k7R=fR(t(1)+(6*h/9), S(1) + ((-16343*k1S-502*k2S+5540*k3S-5420*k4S-5560*k5S+26023*k6S) *h/5580), E(1) + ((-16343*k1E-502*k2E+5540*k3E-5420*k4E-5560*k5E+26023*k6E) *h/5580) ;
69
70 - k8S=fS(t(1)+(7*h/9), S(1) + ((11546*k1S+445*k2S-440*k3S+420*k4S+320*k5S+420*k6S-12361*k7S) *h/450), E(1) + ((11546*k1E+445*k2E-440*k3E+420*k4E+320*k5E+420*k6E-12361*k7E) *h/450) ;
71 - k8E=fE(t(1)+(7*h/9), S(1) + ((11546*k1S+445*k2S-440*k3S+420*k4S+320*k5S+420*k6S-12361*k7S) *h/450), E(1) + ((11546*k1E+445*k2E-440*k3E+420*k4E+320*k5E+420*k6E-12361*k7E) *h/450) ;
72 - k8I=fI(t(1)+(7*h/9), S(1) + ((11546*k1S+445*k2S-440*k3S+420*k4S+320*k5S+420*k6S-12361*k7S) *h/450), E(1) + ((11546*k1E+445*k2E-440*k3E+420*k4E+320*k5E+420*k6E-12361*k7E) *h/450) ;
73 - k8R=fR(t(1)+(7*h/9), S(1) + ((11546*k1S+445*k2S-440*k3S+420*k4S+320*k5S+420*k6S-12361*k7S) *h/450), E(1) + ((11546*k1E+445*k2E-440*k3E+420*k4E+320*k5E+420*k6E-12361*k7E) *h/450) ;
74
75 - k9S=fS(t(1)+(8*h/9), S(1) + ((-1281*k1S+4720*k2S+390*k3S+1280*k4S-2860*k5S+2700*k6S-4762*k7S+4053*k8S) *h/4770), E(1) + ((-1281*k1E+4720*k2E+390*k3E+1280*k4E-2860*k5E+2700*k6E-4762*k7E+4053*k8E) *h/4770) ;
76 - k9E=fE(t(1)+(8*h/9), S(1) + ((-1281*k1S+4720*k2S+390*k3S+1280*k4S-2860*k5S+2700*k6S-4762*k7S+4053*k8S) *h/4770), E(1) + ((-1281*k1E+4720*k2E+390*k3E+1280*k4E-2860*k5E+2700*k6E-4762*k7E+4053*k8E) *h/4770) ;
77 - k9I=fI(t(1)+(8*h/9), S(1) + ((-1281*k1S+4720*k2S+390*k3S+1280*k4S-2860*k5S+2700*k6S-4762*k7S+4053*k8S) *h/4770), E(1) + ((-1281*k1E+4720*k2E+390*k3E+1280*k4E-2860*k5E+2700*k6E-4762*k7E+4053*k8E) *h/4770) ;
78 - k9R=fR(t(1)+(8*h/9), S(1) + ((-1281*k1S+4720*k2S+390*k3S+1280*k4S-2860*k5S+2700*k6S-4762*k7S+4053*k8S) *h/4770), E(1) + ((-1281*k1E+4720*k2E+390*k3E+1280*k4E-2860*k5E+2700*k6E-4762*k7E+4053*k8E) *h/4770) ;
79
80 - k10S=fS(t(1)+h, S(1) + ((-2500*k1S+1000*k2S+120*k3S+1200*k4S-600*k5S+240*k6S+1800*k7S+540*k8S) *h/1800), E(1) + ((-2500*k1E+1000*k2E+120*k3E+1200*k4E-600*k5E+240*k6E+1800*k7E+540*k8E) *h/1800) ;
81 - k10E=fE(t(1)+h, S(1) + ((-2500*k1S+1000*k2S+120*k3S+1200*k4S-600*k5S+240*k6S+1800*k7S+540*k8S) *h/1800), E(1) + ((-2500*k1E+1000*k2E+120*k3E+1200*k4E-600*k5E+240*k6E+1800*k7E+540*k8E) *h/1800) ;
82 - k10I=fI(t(1)+h, S(1) + ((-2500*k1S+1000*k2S+120*k3S+1200*k4S-600*k5S+240*k6S+1800*k7S+540*k8S) *h/1800), E(1) + ((-2500*k1E+1000*k2E+120*k3E+1200*k4E-600*k5E+240*k6E+1800*k7E+540*k8E) *h/1800) ;
83 - k10R=fR(t(1)+h, S(1) + ((-2500*k1S+1000*k2S+120*k3S+1200*k4S-600*k5S+240*k6S+1800*k7S+540*k8S) *h/1800), E(1) + ((-2500*k1E+1000*k2E+120*k3E+1200*k4E-600*k5E+240*k6E+1800*k7E+540*k8E) *h/1800) ;
84 - t(1+h) = t(1) + h ;
85 - S(1+h) = S(1) + (2857*k1S+15741*k2S+1080*k3S+19344*k4S+5778*k5S+5778*k6S+19344*k7S+1080*k8S+15741*k9S+2857*k10S) *h/89600 ;
86 - E(1+h) = E(1) + (2857*k1E+15741*k2E+1080*k3E+19344*k4E+5778*k5E+5778*k6E+19344*k7E+1080*k8E+15741*k9E+2857*k10E) *h/89600 ;
87 - I(1+h) = I(1) + (2857*k1I+15741*k2I+1080*k3I+19344*k4I+5778*k5I+5778*k6I+19344*k7I+1080*k8I+15741*k9I+2857*k10I) *h/89600 ;
88 - R(1+h) = R(1) + (2857*k1R+15741*k2R+1080*k3R+19344*k4R+5778*k5R+5778*k6R+19344*k7R+1080*k8R+15741*k9R+2857*k10R) *h/89600 ;
89 - fprintf('%4.4f %5.4f %6.4f %6.4f %6.4f %6.4f\n', t(1), S(1), E(1), I(1), R(1)) ;
script Ln 60 Col 4 OVR
```



```

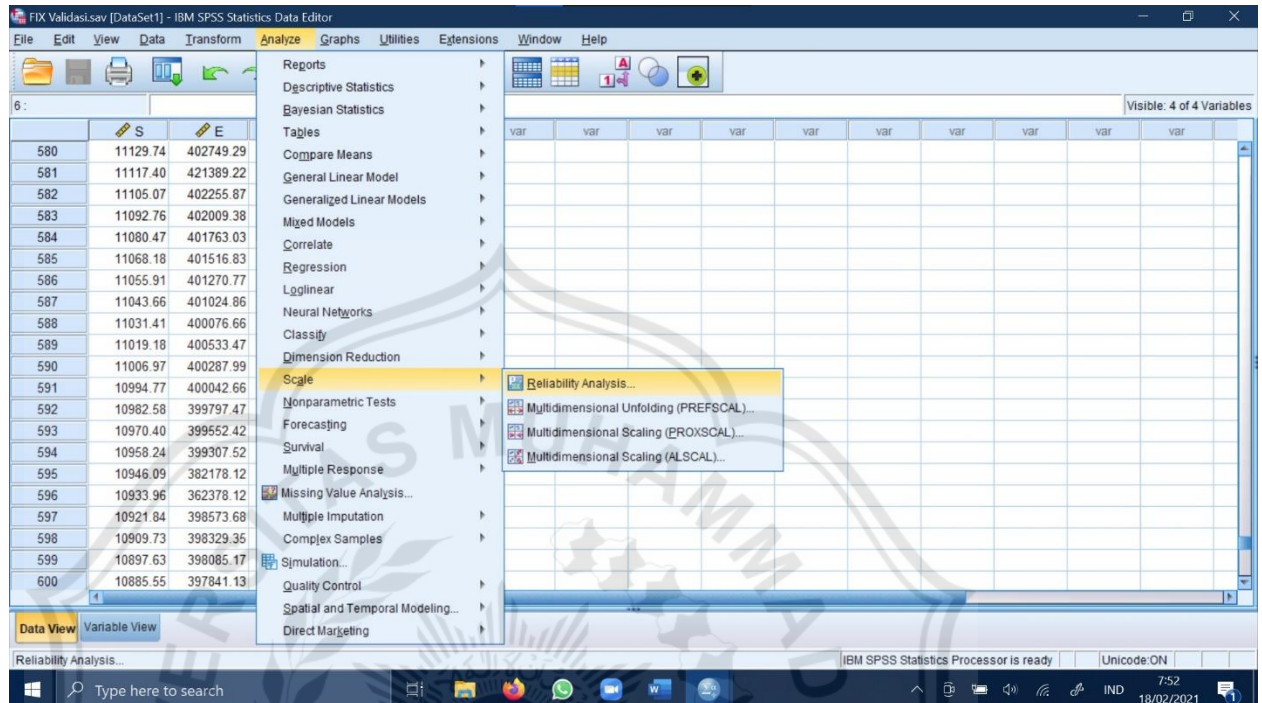
Editor - D:\kuliah\skripsi\projek\orde10.m
File Edit Text Go Cell Tools Debug Desktop Window Help
Stack: Base
83 - k10R=FR(t(i)+h,S(i)+((-2500*k1S+1000*k2S+120*k3S+1200*k4S-600*k5S+240*k6S+1800*k7S+540*k8S)*h/1800),E(i)+((-2500*k1E+1000*k2E+120*k3E+1200*k4E-
84 - t(i+1)=t(i)+h;
85 - S(i+1)=S(i)+(2857*k1S+15741*k2S+1080*k3S+19344*k4S+5778*k5S+5778*k6S+19344*k7S+1080*k8S+15741*k9S+2857*k10S)*h/89600;
86 - E(i+1)=E(i)+(2857*k1E+15741*k2E+1080*k3E+19344*k4E+5778*k5E+5778*k6E+19344*k7E+1080*k8E+15741*k9E+2857*k10E)*h/89600;
87 - I(i+1)=I(i)+(2857*k1I+15741*k2I+1080*k3I+19344*k4I+5778*k5I+5778*k6I+19344*k7I+1080*k8I+15741*k9I+2857*k10I)*h/89600;
88 - R(i+1)=R(i)+(2857*k1R+15741*k2R+1080*k3R+19344*k4R+5778*k5R+5778*k6R+19344*k7R+1080*k8R+15741*k9R+2857*k10R)*h/89600;
89 - fprintf('%4.2f %5.4f %6.4f %6.4f %6.4f %6.4f\n',i,t(i),S(i),E(i),I(i),R(i));
90 - end
91 - %Nilai Numerik yang diperoleh
92 - disp(['Jumlah iterasi = ',num2str(i)]);
93 - disp(['Nilai Numerik S(Susceptible) = ',num2str(S(i))]);
94 - disp(['Nilai Numerik E(Exposed) = ',num2str(E(i))]);
95 - disp(['Nilai Numerik I(Infektuos) = ',num2str(I(i))]);
96 - disp(['Nilai Numerik R(Recovered) = ',num2str(R(i))]);
97 -
98 - %plot solusi
99 - hold on
100 - grid on
101 - plot(t,S,'r')
102 - plot(t,E,'y')
103 - plot(t,I,'g')
104 - plot(t,R,'k')
105 - title('Grafik Penyebaran Virus Covid-19 di DKI Jakarta',...
106 - 'color',[0 0 1],'fontweight','bold','fontsize',20);
107 - xlabel('Time (D)','color',[0 0 1],...
108 - 'fontweight','bold','fontsize',14);
109 - ylabel('Modelling','color',[0 0 1],...
110 - 'fontweight','bold','fontsize',14);
111 - legend('Susceptible','Exposed','Infektuos','Recovered','fontsize',20);
112 -

```

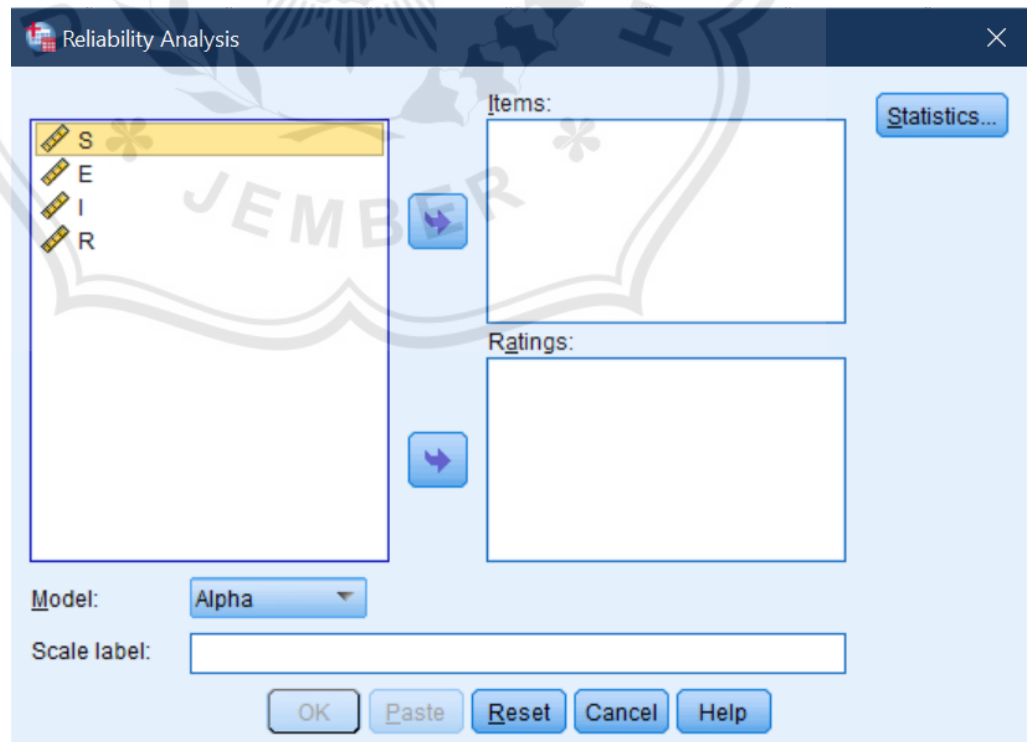


Lampiran 5 : Langkah-langkah Iterasi pada SPSS

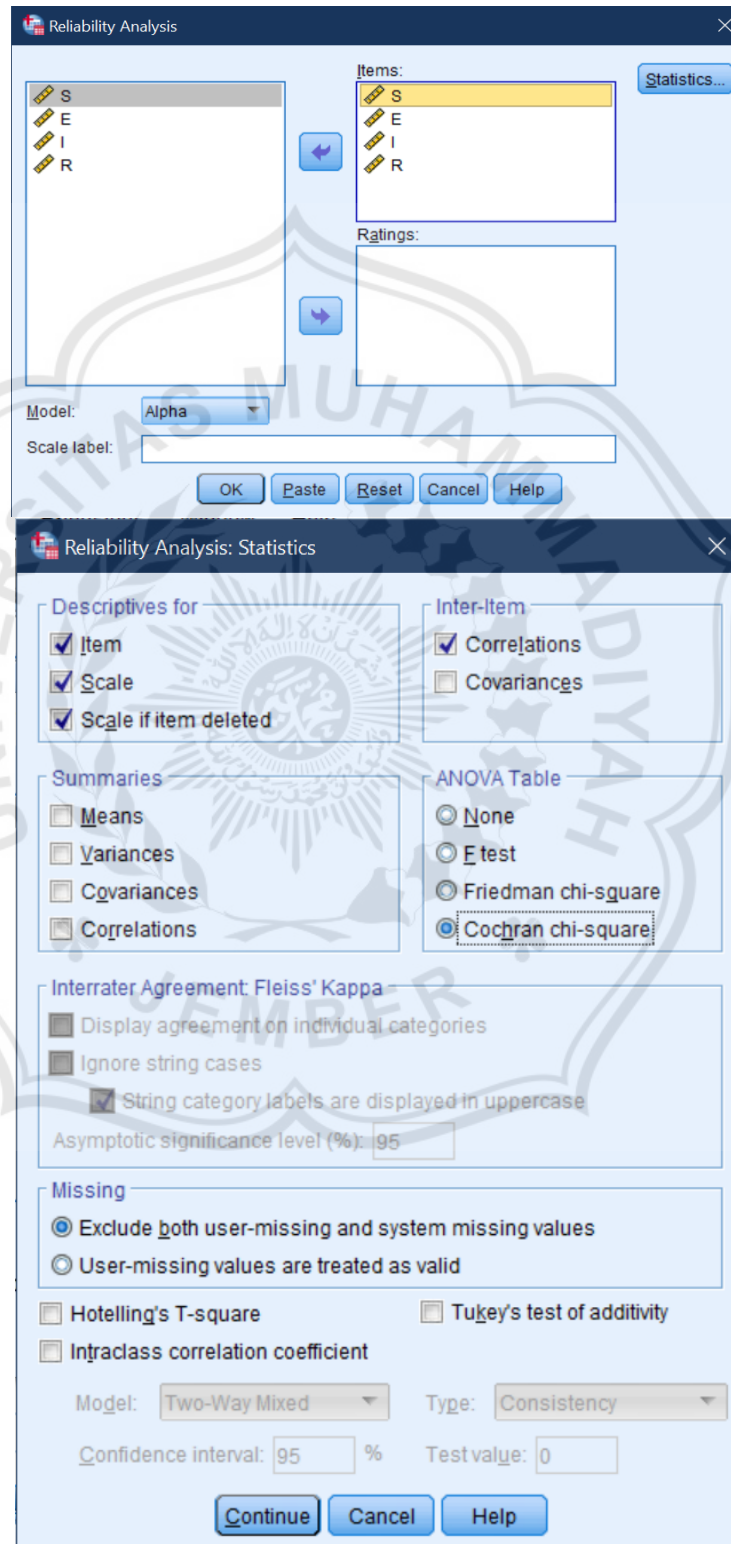
1. Proses Reliability : AnalyzeKlik Analyze → Scale → Reliability Analyze



2. Proses input variabel SEIR ke items SPSSInputkan seluruh variabel di kotak sebelah kiri ke kotak sebelah kanan



3. Proses Reliability Statistics : Pada kotak dialog, klik Statistics pilih beberapa item → Continue → Ok



Lampiran 6 : Hasil Iterasi Matlab

1011	102.0000	2758218.7333	3945248.0183	247455.7420	778874.4342
1012	102.1000	2755161.0154	3945766.5055	247517.5161	780156.5127
1013	102.2000	2752106.6874	3946281.2705	247579.0056	781438.9105
1014	102.3000	2749055.7453	3946792.3194	247640.2111	782721.6262
1015	102.4000	2746008.1854	3947299.6584	247701.1331	784004.6581
1016	102.5000	2742964.0040	3947803.2937	247761.7719	785288.0050
1017	102.6000	2739923.1974	3948303.2312	247822.1280	786571.6652
1018	102.7000	2736885.7617	3948799.4772	247882.2020	787855.6373
1019	102.8000	2733851.6933	3949292.0377	247941.9941	789139.9200
1020	102.9000	2730820.9884	3949780.9190	248001.5050	790424.5116
1021	103.0000	2727793.6433	3950266.1270	248060.7350	791709.4108
1022	103.1000	2724769.6542	3950747.6678	248119.6845	792994.6162
1023	103.2000	2721749.0175	3951225.5475	248178.3540	794280.1261
1024	103.3000	2718731.7295	3951699.7723	248236.7441	795565.9393
1025	103.4000	2715717.7863	3952170.3481	248294.8550	796852.0543
1026	103.5000	2712707.1844	3952637.2810	248352.6873	798138.4695
1027	103.6000	2709699.9200	3953100.5771	248410.2414	799425.1837
1028	103.7000	2706695.9894	3953560.2424	248467.5177	800712.1952
1029	103.8000	2703695.3888	3954016.2829	248524.5167	801999.5028
1030	103.9000	2700698.1148	3954468.7047	248581.2389	803287.1049
1031	104.0000	2697704.1634	3954917.5137	248637.6846	804575.0001
1032	104.1000	2694713.5311	3955362.7160	248693.8544	805863.1871
1033	104.2000	2691726.2141	3955804.3176	248749.7486	807151.6643
1034	104.3000	2688742.2089	3956242.3244	248805.3677	808440.4303

1035	104.4000	2685761.5116	3956676.7425	248860.7121	809729.4838
1036	104.5000	2682784.1188	3957107.5778	248915.7823	811018.8232
1037	104.6000	2679810.0266	3957534.8363	248970.5787	812308.4473
1038	104.7000	2676839.2314	3957958.5239	249025.1018	813598.3545
1039	104.8000	2673871.7296	3958378.6467	249079.3520	814888.5434
1040	104.9000	2670907.5176	3958795.2104	249133.3297	816179.0126
1041	105.0000	2667946.5916	3959208.2212	249187.0354	817469.7608
1042	105.1000	2664988.9481	3959617.6848	249240.4694	818760.7865
1043	105.2000	2662034.5833	3960023.6073	249293.6324	820052.0883
1044	105.3000	2659083.4938	3960425.9945	249346.5245	821343.6648
1045	105.4000	2656135.6757	3960824.8524	249399.1464	822635.5146
1046	105.5000	2653191.1256	3961220.1868	249451.4985	823927.6363
1047	105.6000	2650249.8397	3961612.0036	249503.5811	825220.0285
1048	105.7000	2647311.8145	3962000.3087	249555.3947	826512.6899
1049	105.8000	2644377.0463	3962385.1080	249606.9398	827805.6189
1050	105.9000	2641445.5316	3962766.4073	249658.2167	829098.8143
1051	106.0000	2638517.2668	3963144.2126	249709.2260	830392.2746
1052	106.1000	2635592.2481	3963518.5296	249759.9680	831685.9984
1053	106.2000	2632670.4721	3963889.3641	249810.4431	832979.9845
1054	106.3000	2629751.9351	3964256.7221	249860.6518	834274.2313
1055	106.4000	2626836.6335	3964620.6094	249910.5946	835568.7375
1056	106.5000	2623924.5639	3964981.0317	249960.2718	836863.5018
1057	106.6000	2621015.7224	3965337.9949	250009.6839	838158.5227
1058	106.7000	2618110.1057	3965691.5048	250058.8313	839453.7989
1059	106.8000	2615207.7101	3966041.5672	250107.7145	840749.3291

1060	106.9000	2612308.5321	3966388.1879	250156.3338	842045.1118
1061	107.0000	2609412.5680	3966731.3725	250204.6897	843341.1456
1062	107.1000	2606519.8144	3967071.1271	250252.7826	844637.4293
1063	107.2000	2603630.2676	3967407.4572	250300.6129	845933.9615
1064	107.3000	2600743.9241	3967740.3686	250348.1811	847230.7407
1065	107.4000	2597860.7804	3968069.8671	250395.4876	848527.7657
1066	107.5000	2594980.8329	3968395.9585	250442.5328	849825.0351
1067	107.6000	2592104.0780	3968718.6484	250489.3172	851122.5475
1068	107.7000	2589230.5123	3969037.9426	250535.8410	852420.3016
1069	107.8000	2586360.1322	3969353.8469	250582.1049	853718.2960
1070	107.9000	2583492.9341	3969666.3668	250628.1092	855016.5295
1071	108.0000	2580628.9146	3969975.5082	250673.8542	856315.0005
1072	108.1000	2577768.0700	3970281.2767	250719.3405	857613.7079
1073	108.2000	2574910.3970	3970583.6781	250764.5685	858912.6503
1074	108.3000	2572055.8919	3970882.7179	250809.5385	860211.8262
1075	108.4000	2569204.5513	3971178.4019	250854.2511	861511.2345
1076	108.5000	2566356.3716	3971470.7357	250898.7065	862810.8737
1077	108.6000	2563511.3494	3971759.7250	250942.9053	864110.7426
1078	108.7000	2560669.4811	3972045.3755	250986.8478	865410.8398
1079	108.8000	2557830.7633	3972327.6927	251030.5345	866711.1639
1080	108.9000	2554995.1924	3972606.6824	251073.9657	868011.7137
1081	109.0000	2552162.7650	3972882.3501	251117.1420	869312.4878
1082	109.1000	2549333.4776	3973154.7015	251160.0636	870613.4850
1083	109.2000	2546507.3267	3973423.7422	251202.7311	871914.7038
1084	109.3000	2543684.3088	3973689.4778	251245.1448	873216.1430

1085	109.4000	2540864.4205	3973951.9138	251287.3052	874517.8013
1086	109.5000	2538047.6582	3974211.0559	251329.2126	875819.6773
1087	109.6000	2535234.0186	3974466.9097	251370.8675	877121.7697
1088	109.7000	2532423.4981	3974719.4808	251412.2702	878424.0773
1089	109.8000	2529616.0933	3974968.7746	251453.4213	879726.5987
1090	109.9000	2526811.8008	3975214.7969	251494.3210	881029.3327
1091	110.0000	2524010.6171	3975457.5530	251534.9699	882332.2779
1092	110.1000	2521212.5387	3975697.0486	251575.3683	883635.4330
1093	110.2000	2518417.5622	3975933.2892	251615.5166	884938.7967
1094	110.3000	2515625.6842	3976166.2804	251655.4153	886242.3678
1095	110.4000	2512836.9012	3976396.0276	251695.0647	887546.1449
1096	110.5000	2510051.2098	3976622.5365	251734.4653	888850.1267
1097	110.6000	2507268.6066	3976845.8124	251773.6174	890154.3121
1098	110.7000	2504489.0882	3977065.8609	251812.5215	891458.6996
1099	110.8000	2501712.6510	3977282.6875	251851.1780	892763.2880
1100	110.9000	2498939.2918	3977496.2976	251889.5872	894068.0760
1101	111.0000	2496169.0071	3977706.6969	251927.7497	895373.0624
1102	111.1000	2493401.7935	3977913.8906	251965.6657	896678.2458
1103	111.2000	2490637.6476	3978117.8844	252003.3357	897983.6250
1104	111.3000	2487876.5659	3978318.6836	252040.7601	899289.1987
1105	111.4000	2485118.5452	3978516.2937	252077.9393	900594.9656
1106	111.5000	2482363.5819	3978710.7202	252114.8737	901900.9245
1107	111.6000	2479611.6728	3978901.9685	252151.5636	903207.0742
1108	111.7000	2476862.8144	3979090.0440	252188.0096	904513.4132
1109	111.8000	2474117.0033	3979274.9521	252224.2120	905819.9404

1110	111.9000	2471374.2362	3979456.6982	252260.1712	907126.6546
1111	112.0000	2468634.5097	3979635.2879	252295.8876	908433.5543
1112	112.1000	2465897.8204	3979810.7264	252331.3616	909740.6385
1113	112.2000	2463164.1649	3979983.0191	252366.5936	911047.9058
1114	112.3000	2460433.5399	3980152.1715	252401.5839	912355.3550
1115	112.4000	2457705.9421	3980318.1889	252436.3331	913662.9849
1116	112.5000	2454981.3680	3980481.0767	252470.8415	914970.7941
1117	112.6000	2452259.8144	3980640.8403	252505.1094	916278.7815
1118	112.7000	2449541.2778	3980797.4850	252539.1373	917586.9458
1119	112.8000	2446825.7549	3980951.0161	252572.9256	918895.2857
1120	112.9000	2444113.2425	3981101.4391	252606.4747	920203.8001
1121	113.0000	2441403.7371	3981248.7591	252639.7849	921512.4876
1122	113.1000	2438697.2354	3981392.9817	252672.8567	922821.3471
1123	113.2000	2435993.7340	3981534.1121	252705.6904	924130.3772
1124	113.3000	2433293.2298	3981672.1555	252738.2865	925439.5769
1125	113.4000	2430595.7193	3981807.1174	252770.6453	926748.9448
1126	113.5000	2427901.1992	3981939.0030	252802.7673	928058.4797
1127	113.6000	2425209.6662	3982067.8176	252834.6527	929368.1804
1128	113.7000	2422521.1170	3982193.5665	252866.3021	930678.0457
1129	113.8000	2419835.5482	3982316.2550	252897.7158	931988.0743
1130	113.9000	2417152.9567	3982435.8883	252928.8941	933298.2651
1131	114.0000	2414473.3390	3982552.4717	252959.8375	934608.6167
1132	114.1000	2411796.6919	3982666.0105	252990.5465	935919.1280
1133	114.2000	2409123.0121	3982776.5099	253021.0212	937229.7979
1134	114.3000	2406452.2963	3982883.9752	253051.2622	938540.6249

1135	114.4000	2403784.5412	3982988.4116	253081.2698	939851.6081
1136	114.5000	2401119.7436	3983089.8243	253111.0445	941162.7461
1137	114.6000	2398457.9001	3983188.2186	253140.5865	942474.0377
1138	114.7000	2395799.0075	3983283.5996	253169.8964	943785.4817
1139	114.8000	2393143.0625	3983375.9726	253198.9744	945097.0770
1140	114.9000	2390490.0618	3983465.3428	253227.8209	946408.8224
1141	115.0000	2387840.0022	3983551.7154	253256.4364	947720.7165
1142	115.1000	2385192.8804	3983635.0955	253284.8213	949032.7583
1143	115.2000	2382548.6931	3983715.4884	253312.9758	950344.9466
1144	115.3000	2379907.4372	3983792.8992	253340.9004	951657.2801
1145	115.4000	2377269.1093	3983867.3331	253368.5955	952969.7577
1146	115.5000	2374633.7063	3983938.7952	253396.0615	954282.3781
1147	115.6000	2372001.2248	3984007.2907	253423.2987	955595.1403
1148	115.7000	2369371.6616	3984072.8248	253450.3075	956908.0429
1149	115.8000	2366745.0135	3984135.4026	253477.0883	958221.0849
1150	115.9000	2364121.2773	3984195.0291	253503.6414	959534.2650
1151	116.0000	2361500.4497	3984251.7096	253529.9674	960847.5821
1152	116.1000	2358882.5276	3984305.4492	253556.0664	962161.0350
1153	116.2000	2356267.5076	3984356.2530	253581.9390	963474.6225
1154	116.3000	2353655.3866	3984404.1260	253607.5855	964788.3434
1155	116.4000	2351046.1613	3984449.0734	253633.0062	966102.1966
1156	116.5000	2348439.8286	3984491.1003	253658.2016	967416.1809
1157	116.6000	2345836.3852	3984530.2117	253683.1720	968730.2952
1158	116.7000	2343235.8280	3984566.4127	253707.9177	970044.5382
1159	116.8000	2340638.1536	3984599.7085	253732.4393	971358.9089

1160	116.9000	2338043.3591	3984630.1040	253756.7370	972673.4060
1161	117.0000	2335451.4411	3984657.6044	253780.8112	973988.0283
1162	117.1000	2332862.3964	3984682.2146	253804.6623	975302.7748
1163	117.2000	2330276.2219	3984703.9397	253828.2907	976617.6443
1164	117.3000	2327692.9144	3984722.7848	253851.6967	977932.6357
1165	117.4000	2325112.4708	3984738.7549	253874.8807	979247.7477
1166	117.5000	2322534.8877	3984751.8550	253897.8431	980562.9792
1167	117.6000	2319960.1622	3984762.0901	253920.5842	981878.3291
1168	117.7000	2317388.2909	3984769.4652	253943.1045	983193.7962
1169	117.8000	2314819.2708	3984773.9854	253965.4043	984509.3795
1170	117.9000	2312253.0986	3984775.6556	253987.4839	985825.0777
1171	118.0000	2309689.7713	3984774.4808	254009.3438	987140.8897
1172	118.1000	2307129.2856	3984770.4661	254030.9842	988456.8143
1173	118.2000	2304571.6384	3984763.6163	254052.4057	989772.8505
1174	118.3000	2302016.8266	3984753.9365	254073.6084	991088.9971
1175	118.4000	2299464.8471	3984741.4316	254094.5929	992405.2530
1176	118.5000	2296915.6966	3984726.1066	254115.3594	993721.6170
1177	118.6000	2294369.3720	3984707.9664	254135.9084	995038.0881
1178	118.7000	2291825.8703	3984687.0159	254156.2402	996354.6650
1179	118.8000	2289285.1883	3984663.2602	254176.3552	997671.3467
1180	118.9000	2286747.3228	3984636.7041	254196.2537	998988.1320
1181	119.0000	2284212.2708	3984607.3525	254215.9360	1000305.0199
1182	119.1000	2281680.0291	3984575.2104	254235.4027	1001622.0092
1183	119.2000	2279150.5945	3984540.2827	254254.6540	1002939.0987
1184	119.3000	2276623.9641	3984502.5743	254273.6902	1004256.2874

1185	119.4000	2274100.1347	3984462.0901	254292.5119	1005573.5742
1186	119.5000	2271579.1031	3984418.8349	254311.1192	1006890.9579
1187	119.6000	2269060.8663	3984372.8137	254329.5126	1008208.4375
1188	119.7000	2266545.4212	3984324.0313	254347.6924	1009526.0118
1189	119.8000	2264032.7647	3984272.4926	254365.6591	1010843.6797
1190	119.9000	2261522.8936	3984218.2025	254383.4129	1012161.4401
1191	120.0000	2259015.8050	3984161.1658	254400.9542	1013479.2920
1192	120.1000	2256511.4957	3984101.3873	254418.2834	1014797.2342
1193	120.2000	2254009.9626	3984038.8720	254435.4008	1016115.2656
1194	120.3000	2251511.2027	3983973.6247	254452.3068	1017433.3851
1195	120.4000	2249015.2129	3983905.6501	254469.0018	1018751.5917
1196	120.5000	2246521.9900	3983834.9531	254485.4860	1020069.8842
1197	120.6000	2244031.5312	3983761.5386	254501.7600	1021388.2615
1198	120.7000	2241543.8332	3983685.4113	254517.8239	1022706.7226
1199	120.8000	2239058.8930	3983606.5760	254533.6783	1024025.2664
1200	120.9000	2236576.7076	3983525.0376	254549.3233	1025343.8918
1201	121.0000	2234097.2739	3983440.8008	254564.7595	1026662.5977
1202	121.1000	2231620.5889	3983353.8705	254579.9871	1027981.3830
1203	121.2000	2229146.6495	3983264.2513	254595.0065	1029300.2466
1204	121.3000	2226675.4527	3983171.9481	254609.8180	1030619.1875
1205	121.4000	2224206.9954	3983076.9657	254624.4220	1031938.2046
1206	121.5000	2221741.2745	3982979.3087	254638.8189	1033257.2969
1207	121.6000	2219278.2872	3982878.9820	254653.0090	1034576.4631
1208	121.7000	2216818.0303	3982775.9903	254666.9927	1035895.7024
1209	121.8000	2214360.5007	3982670.3384	254680.7703	1037215.0135

1210	121.9000	2211905.6956	3982562.0309	254694.3421	1038534.3955
1211	122.0000	2209453.6118	3982451.0726	254707.7086	1039853.8473
1212	122.1000	2207004.2463	3982337.4682	254720.8700	1041173.3677
1213	122.2000	2204557.5962	3982221.2225	254733.8267	1042492.9559
1214	122.3000	2202113.6584	3982102.3401	254746.5791	1043812.6106
1215	122.4000	2199672.4299	3981980.8257	254759.1274	1045132.3308
1216	122.5000	2197233.9077	3981856.6841	254771.4722	1046452.1156
1217	122.6000	2194798.0889	3981729.9199	254783.6136	1047771.9637
1218	122.7000	2192364.9703	3981600.5379	254795.5521	1049091.8742
1219	122.8000	2189934.5491	3981468.5426	254807.2880	1050411.8461
1220	122.9000	2187506.8221	3981333.9388	254818.8216	1051731.8782
1221	123.0000	2185081.7865	3981196.7312	254830.1533	1053051.9695
1222	123.1000	2182659.4393	3981056.9243	254841.2835	1054372.1191
1223	123.2000	2180239.7775	3980914.5228	254852.2124	1055692.3257
1224	123.3000	2177822.7980	3980769.5315	254862.9405	1057012.5885
1225	123.4000	2175408.4980	3980621.9548	254873.4680	1058332.9063
1226	123.5000	2172996.8744	3980471.7975	254883.7953	1059653.2781
1227	123.6000	2170587.9243	3980319.0642	254893.9228	1060973.7029
1228	123.7000	2168181.6448	3980163.7595	254903.8508	1062294.1796
1229	123.8000	2165778.0328	3980005.8880	254913.5796	1063614.7073
1230	123.9000	2163377.0854	3979845.4543	254923.1096	1064935.2849
1231	124.0000	2160978.7997	3979682.4631	254932.4411	1066255.9113
1232	124.1000	2158583.1726	3979516.9188	254941.5745	1067576.5855
1233	124.2000	2156190.2013	3979348.8262	254950.5100	1068897.3065
1234	124.3000	2153799.8829	3979178.1897	254959.2481	1070218.0733

1235	124.4000	2151412.2143	3979005.0141	254967.7891	1071538.8849
1236	124.5000	2149027.1926	3978829.3037	254976.1334	1072859.7402
1237	124.6000	2146644.8149	3978651.0633	254984.2811	1074180.6382
1238	124.7000	2144265.0783	3978470.2973	254992.2328	1075501.5779
1239	124.8000	2141887.9798	3978287.0104	254999.9887	1076822.5583
1240	124.9000	2139513.5166	3978101.2069	255007.5492	1078143.5784
1241	125.0000	2137141.6856	3977912.8916	255014.9145	1079464.6371
1242	125.1000	2134772.4840	3977722.0689	255022.0851	1080785.7335
1243	125.2000	2132405.9089	3977528.7434	255029.0613	1082106.8665
1244	125.3000	2130041.9573	3977332.9196	255035.8434	1083428.0352
1245	125.4000	2127680.6264	3977134.6019	255042.4318	1084749.2385
1246	125.5000	2125321.9132	3976933.7949	255048.8267	1086070.4754
1247	125.6000	2122965.8148	3976730.5032	255055.0286	1087391.7449
1248	125.7000	2120612.3284	3976524.7311	255061.0377	1088713.0461
1249	125.8000	2118261.4510	3976316.4832	255066.8544	1090034.3779
1250	125.9000	2115913.1797	3976105.7640	255072.4790	1091355.7394
1251	126.0000	2113567.5117	3975892.5780	255077.9118	1092677.1294
1252	126.1000	2111224.4441	3975676.9296	255083.1533	1093998.5472
1253	126.2000	2108883.9739	3975458.8232	255088.2036	1095319.9916
1254	126.3000	2106546.0984	3975238.2635	255093.0632	1096641.4616
1255	126.4000	2104210.8146	3975015.2547	255097.7323	1097962.9563
1256	126.5000	2101878.1197	3974789.8014	255102.2114	1099284.4748
1257	126.6000	2099548.0107	3974561.9079	255106.5007	1100606.0159
1258	126.7000	2097220.4849	3974331.5788	255110.6005	1101927.5788
1259	126.8000	2094895.5393	3974098.8185	255114.5113	1103249.1624

1260	126.9000	2092573.1711	3973863.6313	255118.2332	1104570.7658
1261	127.0000	2090253.3775	3973626.0218	255121.7667	1105892.3880
1262	127.1000	2087936.1556	3973385.9942	255125.1121	1107214.0280
1263	127.2000	2085621.5024	3973143.5531	255128.2697	1108535.6848
1264	127.3000	2083309.4153	3972898.7028	255131.2398	1109857.3575
1265	127.4000	2080999.8913	3972651.4477	255134.0227	1111179.0451
1266	127.5000	2078692.9277	3972401.7922	255136.6188	1112500.7467
1267	127.6000	2076388.5214	3972149.7407	255139.0285	1113822.4612
1268	127.7000	2074086.6699	3971895.2975	255141.2519	1115144.1877
1269	127.8000	2071787.3701	3971638.4671	255143.2895	1116465.9252
1270	127.9000	2069490.6192	3971379.2537	255145.1416	1117787.6728
1271	128.0000	2067196.4146	3971117.6619	255146.8085	1119109.4296
1272	128.1000	2064904.7532	3970853.6958	255148.2905	1120431.1944
1273	128.2000	2062615.6323	3970587.3598	255149.5879	1121752.9665
1274	128.3000	2060329.0492	3970318.6583	255150.7011	1123074.7449
1275	128.4000	2058045.0009	3970047.5957	255151.6304	1124396.5285
1276	128.5000	2055763.4846	3969774.1762	255152.3761	1125718.3164
1277	128.6000	2053484.4976	3969498.4042	255152.9386	1127040.1078
1278	128.7000	2051208.0371	3969220.2839	255153.3181	1128361.9016
1279	128.8000	2048934.1002	3968939.8198	255153.5149	1129683.6968
1280	128.9000	2046662.6841	3968657.0161	255153.5295	1131005.4927
1281	129.0000	2044393.7861	3968371.8770	255153.3620	1132327.2881
1282	129.1000	2042127.4034	3968084.4070	255153.0129	1133649.0822
1283	129.2000	2039863.5331	3967794.6102	255152.4824	1134970.8740
1284	129.3000	2037602.1726	3967502.4911	255151.7709	1136292.6626

1285	129.4000	2035343.3189	3967208.0537	255150.8787	1137614.4470
1286	129.5000	2033086.9694	3966911.3025	255149.8060	1138936.2263
1287	129.6000	2030833.1212	3966612.2416	255148.5533	1140257.9997
1288	129.7000	2028581.7716	3966310.8753	255147.1208	1141579.7660
1289	129.8000	2026332.9179	3966007.2080	255145.5089	1142901.5245
1290	129.9000	2024086.5571	3965701.2438	255143.7178	1144223.2742
1291	130.0000	2021842.6867	3965392.9869	255141.7479	1145545.0141
1292	130.1000	2019601.3038	3965082.4416	255139.5995	1146866.7433
1293	130.2000	2017362.4056	3964769.6122	255137.2729	1148188.4610
1294	130.3000	2015125.9894	3964454.5029	255134.7684	1149510.1661
1295	130.4000	2012892.0525	3964137.1178	255132.0863	1150831.8579
1296	130.5000	2010660.5921	3963817.4612	255129.2270	1152153.5352
1297	130.6000	2008431.6055	3963495.5373	255126.1908	1153475.1973
1298	130.7000	2006205.0898	3963171.3502	255122.9779	1154796.8432
1299	130.8000	2003981.0425	3962844.9043	255119.5887	1156118.4720
1300	130.9000	2001759.4607	3962516.2037	255116.0235	1157440.0828
1301	131.0000	1999540.3417	3962185.2525	255112.2825	1158761.6746
1302	131.1000	1997323.6828	3961852.0549	255108.3662	1160083.2467
1303	131.2000	1995109.4813	3961516.6151	255104.2748	1161404.7979
1304	131.3000	1992897.7343	3961178.9373	255100.0087	1162726.3276
1305	131.4000	1990688.4393	3960839.0257	255095.5681	1164047.8347
1306	131.5000	1988481.5935	3960496.8843	255090.9533	1165369.3183
1307	131.6000	1986277.1941	3960152.5174	255086.1647	1166690.7775
1308	131.7000	1984075.2386	3959805.9291	255081.2026	1168012.2116
1309	131.8000	1981875.7240	3959457.1234	255076.0672	1169333.6194

1310	131.9000	1979678.6478	3959106.1047	255070.7589	1170655.0002
1311	132.0000	1977484.0073	3958752.8769	255065.2780	1171976.3531
1312	132.1000	1975291.7997	3958397.4441	255059.6248	1173297.6771
1313	132.2000	1973102.0223	3958039.8106	255053.7995	1174618.9714
1314	132.3000	1970914.6725	3957679.9805	255047.8026	1175940.2350
1315	132.4000	1968729.7476	3957317.9577	255041.6343	1177261.4672
1316	132.5000	1966547.2448	3956953.7465	255035.2949	1178582.6669
1317	132.6000	1964367.1615	3956587.3508	255028.7847	1179903.8334
1318	132.7000	1962189.4951	3956218.7749	255022.1040	1181224.9657
1319	132.8000	1960014.2427	3955848.0228	255015.2532	1182546.0629
1320	132.9000	1957841.4018	3955475.0985	255008.2325	1183867.1243
1321	133.0000	1955670.9697	3955100.0061	255001.0422	1185188.1488
1322	133.1000	1953502.9437	3954722.7498	254993.6826	1186509.1356
1323	133.2000	1951337.3211	3954343.3334	254986.1541	1187830.0839
1324	133.3000	1949174.0993	3953961.7612	254978.4569	1189150.9927
1325	133.4000	1947013.2756	3953578.0372	254970.5913	1190471.8612
1326	133.5000	1944854.8474	3953192.1653	254962.5577	1191792.6885
1327	133.6000	1942698.8120	3952804.1496	254954.3563	1193113.4738
1328	133.7000	1940545.1667	3952413.9943	254945.9874	1194434.2161
1329	133.8000	1938393.9089	3952021.7032	254937.4513	1195754.9147
1330	133.9000	1936245.0360	3951627.2804	254928.7484	1197075.5686
1331	134.0000	1934098.5453	3951230.7299	254919.8790	1198396.1770
1332	134.1000	1931954.4341	3950832.0557	254910.8432	1199716.7390
1333	134.2000	1929812.6999	3950431.2619	254901.6415	1201037.2538
1334	134.3000	1927673.3399	3950028.3524	254892.2741	1202357.7205

1335	134.4000	1925536.3516	3949623.3313	254882.7413	1203678.1382
1336	134.5000	1923401.7324	3949216.2024	254873.0434	1204998.5061
1337	134.6000	1921269.4795	3948806.9699	254863.1807	1206318.8234
1338	134.7000	1919139.5905	3948395.6376	254853.1536	1207639.0891
1339	134.8000	1917012.0626	3947982.2095	254842.9622	1208959.3024
1340	134.9000	1914886.8932	3947566.6897	254832.6069	1210279.4626
1341	135.0000	1912764.0798	3947149.0820	254822.0881	1211599.5686
1342	135.1000	1910643.6197	3946729.3904	254811.4059	1212919.6198
1343	135.2000	1908525.5103	3946307.6189	254800.5607	1214239.6152
1344	135.3000	1906409.7490	3945883.7714	254789.5527	1215559.5539
1345	135.4000	1904296.3332	3945457.8518	254778.3824	1216879.4353
1346	135.5000	1902185.2603	3945029.8641	254767.0498	1218199.2583
1347	135.6000	1900076.5277	3944599.8123	254755.5555	1219519.0223
1348	135.7000	1897970.1328	3944167.7001	254743.8995	1220838.7262
1349	135.8000	1895866.0730	3943733.5316	254732.0823	1222158.3694
1350	135.9000	1893764.3458	3943297.3107	254720.1041	1223477.9509
1351	136.0000	1891664.9485	3942859.0412	254707.9653	1224797.4699
1352	136.1000	1889567.8785	3942418.7270	254695.6660	1226116.9257
1353	136.2000	1887473.1334	3941976.3722	254683.2066	1227436.3173
1354	136.3000	1885380.7104	3941531.9804	254670.5874	1228755.6440
1355	136.4000	1883290.6071	3941085.5557	254657.8087	1230074.9049
1356	136.5000	1881202.8208	3940637.1019	254644.8707	1231394.0991
1357	136.6000	1879117.3490	3940186.6229	254631.7738	1232713.2260
1358	136.7000	1877034.1891	3939734.1225	254618.5182	1234032.2845
1359	136.8000	1874953.3386	3939279.6047	254605.1042	1235351.2740

1360	136.9000	1872874.7949	3938823.0732	254591.5322	1236670.1936
1361	137.0000	1870798.5554	3938364.5319	254577.8023	1237989.0425
1362	137.1000	1868724.6176	3937903.9847	254563.9149	1239307.8198
1363	137.2000	1866652.9790	3937441.4354	254549.8703	1240626.5248
1364	137.3000	1864583.6369	3936976.8878	254535.6687	1241945.1566
1365	137.4000	1862516.5889	3936510.3458	254521.3104	1243263.7145
1366	137.5000	1860451.8323	3936041.8133	254506.7958	1244582.1975
1367	137.6000	1858389.3647	3935571.2939	254492.1251	1245900.6050
1368	137.7000	1856329.1836	3935098.7916	254477.2986	1247218.9360
1369	137.8000	1854271.2863	3934624.3101	254462.3165	1248537.1899
1370	137.9000	1852215.6704	3934147.8532	254447.1792	1249855.3657
1371	138.0000	1850162.3333	3933669.4248	254431.8870	1251173.4627
1372	138.1000	1848111.2725	3933189.0287	254416.4400	1252491.4801
1373	138.2000	1846062.4855	3932706.6686	254400.8387	1253809.4171
1374	138.3000	1844015.9697	3932222.3483	254385.0832	1255127.2729
1375	138.4000	1841971.7227	3931736.0715	254369.1739	1256445.0466
1376	138.5000	1839929.7418	3931247.8422	254353.1111	1257762.7375
1377	138.6000	1837890.0247	3930757.6640	254336.8949	1259080.3448
1378	138.7000	1835852.5688	3930265.5407	254320.5258	1260397.8677
1379	138.8000	1833817.3716	3929771.4760	254304.0040	1261715.3054
1380	138.9000	1831784.4306	3929275.4737	254287.3297	1263032.6571
1381	139.0000	1829753.7432	3928777.5376	254270.5033	1264349.9221
1382	139.1000	1827725.3071	3928277.6714	254253.5249	1265667.0995
1383	139.2000	1825699.1196	3927775.8788	254236.3950	1266984.1885
1384	139.3000	1823675.1783	3927272.1636	254219.1138	1268301.1884

1385	139.4000	1821653.4808	3926766.5294	254201.6815	1269618.0984
1386	139.5000	1819634.0244	3926258.9801	254184.0984	1270934.9177
1387	139.6000	1817616.8068	3925749.5193	254166.3649	1272251.6455
1388	139.7000	1815601.8255	3925238.1507	254148.4811	1273568.2811
1389	139.8000	1813589.0779	3924724.8781	254130.4474	1274884.8236
1390	139.9000	1811578.5616	3924209.7051	254112.2641	1276201.2723
1391	140.0000	1809570.2742	3923692.6355	254093.9313	1277517.6265
1392	140.1000	1807564.2131	3923173.6728	254075.4494	1278833.8852
1393	140.2000	1805560.3759	3922652.8209	254056.8187	1280150.0479
1394	140.3000	1803558.7602	3922130.0834	254038.0394	1281466.1136
1395	140.4000	1801559.3633	3921605.4640	254019.1118	1282782.0817
1396	140.5000	1799562.1830	3921078.9663	254000.0362	1284097.9514
1397	140.6000	1797567.2168	3920550.5939	253980.8128	1285413.7218
1398	140.7000	1795574.4621	3920020.3507	253961.4420	1286729.3923
1399	140.8000	1793583.9165	3919488.2402	253941.9240	1288044.9620
1400	140.9000	1791595.5777	3918954.2660	253922.2590	1289360.4303
1401	141.0000	1789609.4431	3918418.4319	253902.4474	1290675.7962
1402	141.1000	1787625.5102	3917880.7413	253882.4894	1291991.0592
1403	141.2000	1785643.7768	3917341.1981	253862.3852	1293306.2184
1404	141.3000	1783664.2402	3916799.8058	253842.1352	1294621.2731
1405	141.4000	1781686.8982	3916256.5681	253821.7397	1295936.2225
1406	141.5000	1779711.7481	3915711.4885	253801.1988	1297251.0659
1407	141.6000	1777738.7878	3915164.5706	253780.5129	1298565.8025
1408	141.7000	1775768.0146	3914615.8182	253759.6822	1299880.4316
1409	141.8000	1773799.4261	3914065.2347	253738.7070	1301194.9523

1410	141.9000	1771833.0200	3913512.8238	253717.5875	1302509.3640
1411	142.0000	1769868.7939	3912958.5891	253696.3241	1303823.6660
1412	142.1000	1767906.7452	3912402.5342	253674.9170	1305137.8574
1413	142.2000	1765946.8717	3911844.6626	253653.3665	1306451.9376
1414	142.3000	1763989.1708	3911284.9779	253631.6728	1307765.9057
1415	142.4000	1762033.6402	3910723.4838	253609.8362	1309079.7611
1416	142.5000	1760080.2775	3910160.1837	253587.8569	1310393.5030
1417	142.6000	1758129.0802	3909595.0813	253565.7353	1311707.1307
1418	142.7000	1756180.0461	3909028.1800	253543.4716	1313020.6434
1419	142.8000	1754233.1725	3908459.4836	253521.0660	1314334.0404
1420	142.9000	1752288.4573	3907888.9954	253498.5189	1315647.3209
1421	143.0000	1750345.8979	3907316.7190	253475.8305	1316960.4843
1422	143.1000	1748405.4921	3906742.6581	253453.0010	1318273.5298
1423	143.2000	1746467.2373	3906166.8161	253430.0307	1319586.4567
1424	143.3000	1744531.1312	3905589.1965	253406.9199	1320899.2642
1425	143.4000	1742597.1715	3905009.8029	253383.6688	1322211.9516
1426	143.5000	1740665.3558	3904428.6388	253360.2777	1323524.5182
1427	143.6000	1738735.6816	3903845.7077	253336.7469	1324836.9632
1428	143.7000	1736808.1466	3903261.0132	253313.0766	1326149.2860
1429	143.8000	1734882.7485	3902674.5586	253289.2672	1327461.4859
1430	143.9000	1732959.4848	3902086.3476	253265.3187	1328773.5620
1431	144.0000	1731038.3532	3901496.3837	253241.2316	1330085.5137
1432	144.1000	1729119.3514	3900904.6702	253217.0060	1331397.3402
1433	144.2000	1727202.4770	3900311.2107	253192.6423	1332709.0409
1434	144.3000	1725287.7275	3899716.0087	253168.1406	1334020.6150

1435	144.4000	1723375.1007	3899119.0677	253143.5013	1335332.0619
1436	144.5000	1721464.5943	3898520.3911	253118.7246	1336643.3807
1437	144.6000	1719556.2057	3897919.9824	253093.8107	1337954.5709
1438	144.7000	1717649.9328	3897317.8450	253068.7600	1339265.6316
1439	144.8000	1715745.7732	3896713.9825	253043.5727	1340576.5622
1440	144.9000	1713843.7245	3896108.3982	253018.2490	1341887.3619
1441	145.0000	1711943.7843	3895501.0956	252992.7891	1343198.0301
1442	145.1000	1710045.9504	3894892.0782	252967.1935	1344508.5661
1443	145.2000	1708150.2205	3894281.3494	252941.4622	1345818.9691
1444	145.3000	1706256.5920	3893668.9126	252915.5956	1347129.2385
1445	145.4000	1704365.0629	3893054.7713	252889.5939	1348439.3735
1446	145.5000	1702475.6306	3892438.9288	252863.4574	1349749.3735
1447	145.6000	1700588.2930	3891821.3886	252837.1863	1351059.2377
1448	145.7000	1698703.0476	3891202.1541	252810.7809	1352368.9655
1449	145.8000	1696819.8922	3890581.2288	252784.2414	1353678.5561
1450	145.9000	1694938.8244	3889958.6160	252757.5681	1354988.0090
1451	146.0000	1693059.8419	3889334.3190	252730.7612	1356297.3233
1452	146.1000	1691182.9425	3888708.3414	252703.8211	1357606.4983
1453	146.2000	1689308.1237	3888080.6865	252676.7479	1358915.5335
1454	146.3000	1687435.3834	3887451.3577	252649.5418	1360224.4281
1455	146.4000	1685564.7191	3886820.3584	252622.2033	1361533.1814
1456	146.5000	1683696.1286	3886187.6919	252594.7324	1362841.7927
1457	146.6000	1681829.6096	3885553.3616	252567.1295	1364150.2613
1458	146.7000	1679965.1598	3884917.3709	252539.3948	1365458.5867
1459	146.8000	1678102.7769	3884279.7231	252511.5286	1366766.7680

1460	146.9000	1676242.4586	3883640.4217	252483.5310	1368074.8046
1461	147.0000	1674384.2027	3882999.4699	252455.4024	1369382.6959
1462	147.1000	1672528.0067	3882356.8710	252427.1430	1370690.4410
1463	147.2000	1670673.8686	3881712.6286	252398.7531	1371998.0395
1464	147.3000	1668821.7858	3881066.7458	252370.2329	1373305.4905
1465	147.4000	1666971.7563	3880419.2260	252341.5826	1374612.7935
1466	147.5000	1665123.7777	3879770.0726	252312.8025	1375919.9477
1467	147.6000	1663277.8477	3879119.2888	252283.8929	1377226.9525
1468	147.7000	1661433.9641	3878466.8780	252254.8539	1378533.8071
1469	147.8000	1659592.1246	3877812.8435	252225.6859	1379840.5110
1470	147.9000	1657752.3269	3877157.1886	252196.3891	1381147.0635
1471	148.0000	1655914.5688	3876499.9166	252166.9638	1382453.4639
1472	148.1000	1654078.8481	3875841.0309	252137.4101	1383759.7115
1473	148.2000	1652245.1623	3875180.5346	252107.7283	1385065.8057
1474	148.3000	1650413.5094	3874518.4312	252077.9187	1386371.7457
1475	148.4000	1648583.8870	3873854.7238	252047.9815	1387677.5310
1476	148.5000	1646756.2929	3873189.4158	252017.9170	1388983.1609
1477	148.6000	1644930.7248	3872522.5105	251987.7254	1390288.6348
1478	148.7000	1643107.1805	3871854.0111	251957.4070	1391593.9519
1479	148.8000	1641285.6578	3871183.9208	251926.9619	1392899.1116
1480	148.9000	1639466.1544	3870512.2431	251896.3905	1394204.1132
1481	149.0000	1637648.6680	3869838.9810	251865.6929	1395508.9562
1482	149.1000	1635833.1965	3869164.1379	251834.8695	1396813.6398
1483	149.2000	1634019.7376	3868487.7170	251803.9204	1398118.1634
1484	149.3000	1632208.2891	3867809.7216	251772.8460	1399422.5263

1485	149.4000	1630398.8487	3867130.1549	251741.6464	1400726.7280
1486	149.5000	1628591.4143	3866449.0202	251710.3219	1402030.7677
1487	149.6000	1626785.9835	3865766.3206	251678.8727	1403334.6448
1488	149.7000	1624982.5542	3865082.0594	251647.2991	1404638.3586
1489	149.8000	1623181.1242	3864396.2398	251615.6013	1405941.9086
1490	149.9000	1621381.6911	3863708.8651	251583.7796	1407245.2940
1491	150.0000	1619584.2530	3863019.9384	251551.8341	1408548.5143
1492	150.1000	1617788.8074	3862329.4630	251519.7652	1409851.5687
1493	150.2000	1615995.3522	3861637.4420	251487.5731	1411154.4568
1494	150.3000	1614203.8852	3860943.8787	251455.2580	1412457.1777
1495	150.4000	1612414.4042	3860248.7763	251422.8201	1413759.7309
1496	150.5000	1610626.9071	3859552.1380	251390.2597	1415062.1157
1497	150.6000	1608841.3915	3858853.9669	251357.5770	1416364.3316
1498	150.7000	1607057.8552	3858154.2662	251324.7723	1417666.3778
1499	150.8000	1605276.2962	3857453.0391	251291.8458	1418968.2538
1500	150.9000	1603496.7122	3856750.2888	251258.7977	1420269.9588
1501	151.0000	1601719.1011	3856046.0184	251225.6283	1421571.4924
1502	151.1000	1599943.4605	3855340.2311	251192.3379	1422872.8538
1503	151.2000	1598169.7884	3854632.9301	251158.9265	1424174.0425
1504	151.3000	1596398.0826	3853924.1186	251125.3945	1425475.0577
1505	151.4000	1594628.3408	3853213.7996	251091.7422	1426775.8989
1506	151.5000	1592860.5610	3852501.9763	251057.9697	1428076.5655
1507	151.6000	1591094.7409	3851788.6519	251024.0773	1429377.0568
1508	151.7000	1589330.8783	3851073.8294	250990.0652	1430677.3723
1509	151.8000	1587568.9711	3850357.5122	250955.9336	1431977.5112

1510	151.9000	1585809.0172	3849639.7031	250921.6828	1433277.4730
1511	152.0000	1584051.0143	3848920.4055	250887.3131	1434577.2571
1512	152.1000	1582294.9603	3848199.6224	250852.8246	1435876.8628
1513	152.2000	1580540.8531	3847477.3569	250818.2176	1437176.2895
1514	152.3000	1578788.6904	3846753.6121	250783.4923	1438475.5366
1515	152.4000	1577038.4702	3846028.3912	250748.6490	1439774.6036
1516	152.5000	1575290.1902	3845301.6972	250713.6878	1441073.4897
1517	152.6000	1573543.8483	3844573.5332	250678.6090	1442372.1944
1518	152.7000	1571799.4424	3843843.9024	250643.4129	1443670.7171
1519	152.8000	1570056.9703	3843112.8078	250608.0997	1444969.0572
1520	152.9000	1568316.4299	3842380.2526	250572.6696	1446267.2140
1521	153.0000	1566577.8190	3841646.2397	250537.1228	1447565.1870
1522	153.1000	1564841.1355	3840910.7722	250501.4595	1448862.9755
1523	153.2000	1563106.3773	3840173.8533	250465.6801	1450160.5790
1524	153.3000	1561373.5422	3839435.4861	250429.7846	1451457.9969
1525	153.4000	1559642.6281	3838695.6734	250393.7735	1452755.2284
1526	153.5000	1557913.6329	3837954.4185	250357.6468	1454052.2731
1527	153.6000	1556186.5544	3837211.7244	250321.4048	1455349.1304
1528	153.7000	1554461.3905	3836467.5941	250285.0477	1456645.7996
1529	153.8000	1552738.1391	3835722.0307	250248.5758	1457942.2802
1530	153.9000	1551016.7981	3834975.0372	250211.9893	1459238.5716
1531	154.0000	1549297.3653	3834226.6167	250175.2884	1460534.6731
1532	154.1000	1547579.8387	3833476.7721	250138.4733	1461830.5842
1533	154.2000	1545864.2161	3832725.5066	250101.5444	1463126.3043
1534	154.3000	1544150.4954	3831972.8231	250064.5017	1464421.8328

1535	154.4000	1542438.6745	3831218.7247	250027.3455	1465717.1691
1536	154.5000	1540728.7512	3830463.2143	249990.0761	1467012.3126
1537	154.6000	1539020.7236	3829706.2951	249952.6936	1468307.2627
1538	154.7000	1537314.5895	3828947.9699	249915.1983	1469602.0189
1539	154.8000	1535610.3468	3828188.2418	249877.5905	1470896.5806
1540	154.9000	1533907.9934	3827427.1138	249839.8703	1472190.9472
1541	155.0000	1532207.5272	3826664.5889	249802.0379	1473485.1180
1542	155.1000	1530508.9460	3825900.6701	249764.0937	1474779.0926
1543	155.2000	1528812.2479	3825135.3604	249726.0377	1476072.8703
1544	155.3000	1527117.4308	3824368.6627	249687.8703	1477366.4506
1545	155.4000	1525424.4925	3823600.5800	249649.5917	1478659.8329
1546	155.5000	1523733.4309	3822831.1154	249611.2020	1479953.0166
1547	155.6000	1522044.2441	3822060.2717	249572.7015	1481246.0011
1548	155.7000	1520356.9298	3821288.0519	249534.0905	1482538.7859
1549	155.8000	1518671.4861	3820514.4591	249495.3691	1483831.3704
1550	155.9000	1516987.9108	3819739.4960	249456.5376	1485123.7541
1551	156.0000	1515306.2019	3818963.1658	249417.5961	1486415.9362
1552	156.1000	1513626.3573	3818185.4714	249378.5450	1487707.9164
1553	156.2000	1511948.3750	3817406.4156	249339.3843	1488999.6939
1554	156.3000	1510272.2529	3816626.0015	249300.1145	1490291.2684
1555	156.4000	1508597.9889	3815844.2319	249260.7356	1491582.6391
1556	156.5000	1506925.5809	3815061.1098	249221.2478	1492873.8055
1557	156.6000	1505255.0270	3814276.6382	249181.6515	1494164.7671
1558	156.7000	1503586.3250	3813490.8199	249141.9468	1495455.5232
1559	156.8000	1501919.4729	3812703.6579	249102.1339	1496746.0734

1560	156.9000	1500254.4686	3811915.1550	249062.2131	1498036.4171
1561	157.0000	1498591.3102	3811125.3143	249022.1846	1499326.5537
1562	157.1000	1496929.9955	3810334.1386	248982.0485	1500616.4827
1563	157.2000	1495270.5225	3809541.6307	248941.8052	1501906.2034
1564	157.3000	1493612.8891	3808747.7937	248901.4548	1503195.7154
1565	157.4000	1491957.0934	3807952.6304	248860.9975	1504485.0181
1566	157.5000	1490303.1333	3807156.1436	248820.4336	1505774.1109
1567	157.6000	1488651.0067	3806358.3363	248779.7633	1507062.9933
1568	157.7000	1487000.7117	3805559.2114	248738.9867	1508351.6648
1569	157.8000	1485352.2461	3804758.7717	248698.1041	1509640.1247
1570	157.9000	1483705.6081	3803957.0201	248657.1158	1510928.3726
1571	158.0000	1482060.7954	3803153.9595	248616.0219	1512216.4079
1572	158.1000	1480417.8062	3802349.5927	248574.8227	1513504.2300
1573	158.2000	1478776.6383	3801543.9226	248533.5183	1514791.8384
1574	158.3000	1477137.2898	3800736.9520	248492.1089	1516079.2325
1575	158.4000	1475499.7587	3799928.6839	248450.5949	1517366.4119
1576	158.5000	1473864.0430	3799119.1210	248408.9764	1518653.3760
1577	158.6000	1472230.1405	3798308.2663	248367.2535	1519940.1241
1578	158.7000	1470598.0494	3797496.1224	248325.4266	1521226.6559
1579	158.8000	1468967.7676	3796682.6924	248283.4959	1522512.9707
1580	158.9000	1467339.2930	3795867.9790	248241.4615	1523799.0680
1581	159.0000	1465712.6238	3795051.9850	248199.3236	1525084.9473
1582	159.1000	1464087.7579	3794234.7133	248157.0825	1526370.6081
1583	159.2000	1462464.6933	3793416.1666	248114.7385	1527656.0497
1584	159.3000	1460843.4280	3792596.3479	248072.2915	1528941.2718

1585	159.4000	1459223.9600	3791775.2598	248029.7420	1530226.2736
1586	159.5000	1457606.2873	3790952.9053	247987.0902	1531511.0548
1587	159.6000	1455990.4080	3790129.2872	247944.3361	1532795.6148
1588	159.7000	1454376.3200	3789304.4081	247901.4801	1534079.9530
1589	159.8000	1452764.0213	3788478.2710	247858.5223	1535364.0689
1590	159.9000	1451153.5100	3787650.8786	247815.4629	1536647.9620
1591	160.0000	1449544.7841	3786822.2337	247772.3023	1537931.6319
1592	160.1000	1447937.8416	3785992.3391	247729.0405	1539215.0778
1593	160.2000	1446332.6805	3785161.1976	247685.6777	1540498.2994
1594	160.3000	1444729.2989	3784328.8119	247642.2143	1541781.2961
1595	160.4000	1443127.6948	3783495.1848	247598.6503	1543064.0673
1596	160.5000	1441527.8662	3782660.3191	247554.9860	1544346.6127
1597	160.6000	1439929.8111	3781824.2176	247511.2217	1545628.9315
1598	160.7000	1438333.5276	3780986.8830	247467.3574	1546911.0234
1599	160.8000	1436739.0137	3780148.3180	247423.3935	1548192.8878
1600	160.9000	1435146.2675	3779308.5255	247379.3301	1549474.5242
1601	161.0000	1433555.2870	3778467.5081	247335.1674	1550755.9321
1602	161.1000	1431966.0702	3777625.2687	247290.9057	1552037.1109
1603	161.2000	1430378.6152	3776781.8099	247246.5451	1553318.0602
1604	161.3000	1428792.9200	3775937.1345	247202.0858	1554598.7794
1605	161.4000	1427208.9827	3775091.2453	247157.5281	1555879.2681
1606	161.5000	1425626.8013	3774244.1449	247112.8721	1557159.5257
1607	161.6000	1424046.3739	3773395.8360	247068.1181	1558439.5516
1608	161.7000	1422467.6985	3772546.3215	247023.2663	1559719.3455
1609	161.8000	1420890.7732	3771695.6040	246978.3168	1560998.9068

1610	161.9000	1419315.5961	3770843.6862	246933.2699	1562278.2350
1611	162.0000	1417742.1652	3769990.5709	246888.1257	1563557.3295
1612	162.1000	1416170.4786	3769136.2607	246842.8845	1564836.1900
1613	162.2000	1414600.5343	3768280.7584	246797.5465	1566114.8158
1614	162.3000	1413032.3305	3767424.0666	246752.1119	1567393.2065
1615	162.4000	1411465.8651	3766566.1881	246706.5808	1568671.3616
1616	162.5000	1409901.1363	3765707.1255	246660.9536	1569949.2805
1617	162.6000	1408338.1421	3764846.8815	246615.2303	1571226.9629
1618	162.7000	1406776.8807	3763985.4588	246569.4112	1572504.4081
1619	162.8000	1405217.3500	3763122.8601	246523.4964	1573781.6157
1620	162.9000	1403659.5482	3762259.0880	246477.4863	1575058.5853
1621	163.0000	1402103.4733	3761394.1453	246431.3809	1576335.3162
1622	163.1000	1400549.1235	3760528.0345	246385.1805	1577611.8080
1623	163.2000	1398996.4968	3759660.7585	246338.8853	1578888.0603
1624	163.3000	1397445.5914	3758792.3197	246292.4955	1580164.0724
1625	163.4000	1395896.4052	3757922.7209	246246.0112	1581439.8441
1626	163.5000	1394348.9365	3757051.9647	246199.4327	1582715.3746
1627	163.6000	1392803.1832	3756180.0538	246152.7602	1583990.6636
1628	163.7000	1391259.1435	3755306.9908	246105.9939	1585265.7106
1629	163.8000	1389716.8156	3754432.7784	246059.1339	1586540.5151
1630	163.9000	1388176.1974	3753557.4191	246012.1805	1587815.0766
1631	164.0000	1386637.2872	3752680.9157	245965.1339	1589089.3946
1632	164.1000	1385100.0829	3751803.2707	245917.9942	1590363.4687
1633	164.2000	1383564.5828	3750924.4868	245870.7617	1591637.2983
1634	164.3000	1382030.7849	3750044.5666	245823.4366	1592910.8830

1635	164.4000	1380498.6874	3749163.5127	245776.0190	1594184.2223
1636	164.5000	1378968.2883	3748281.3278	245728.5091	1595457.3157
1637	164.6000	1377439.5858	3747398.0144	245680.9072	1596730.1627
1638	164.7000	1375912.5780	3746513.5751	245633.2134	1598002.7629
1639	164.8000	1374387.2630	3745628.0126	245585.4280	1599275.1158
1640	164.9000	1372863.6389	3744741.3294	245537.5510	1600547.2209
1641	165.0000	1371341.7039	3743853.5282	245489.5828	1601819.0778
1642	165.1000	1369821.4561	3742964.6115	245441.5235	1603090.6859
1643	165.2000	1368302.8937	3742074.5819	245393.3733	1604362.0448
1644	165.3000	1366786.0146	3741183.4421	245345.1325	1605633.1541
1645	165.4000	1365270.8172	3740291.1945	245296.8011	1606904.0132
1646	165.5000	1363757.2995	3739397.8417	245248.3794	1608174.6217
1647	165.6000	1362245.4597	3738503.3864	245199.8676	1609444.9791
1648	165.7000	1360735.2958	3737607.8312	245151.2658	1610715.0850
1649	165.8000	1359226.8061	3736711.1784	245102.5743	1611984.9389
1650	165.9000	1357719.9887	3735813.4308	245053.7933	1613254.5403
1651	166.0000	1356214.8417	3734914.5909	245004.9229	1614523.8887
1652	166.1000	1354711.3633	3734014.6612	244955.9634	1615792.9838
1653	166.2000	1353209.5517	3733113.6444	244906.9149	1617061.8250
1654	166.3000	1351709.4049	3732211.5428	244857.7776	1618330.4119
1655	166.4000	1350210.9211	3731308.3592	244808.5518	1619598.7440
1656	166.5000	1348714.0986	3730404.0959	244759.2375	1620866.8208
1657	166.6000	1347218.9354	3729498.7556	244709.8350	1622134.6420
1658	166.7000	1345725.4297	3728592.3408	244660.3445	1623402.2070
1659	166.8000	1344233.5797	3727684.8540	244610.7662	1624669.5154

1660	166.9000	1342743.3836	3726776.2978	244561.1002	1625936.5667
1661	167.0000	1341254.8394	3725866.6746	244511.3468	1627203.3606
1662	167.1000	1339767.9454	3724955.9870	244461.5062	1628469.8964
1663	167.2000	1338282.6998	3724044.2375	244411.5784	1629736.1738
1664	167.3000	1336799.1007	3723131.4285	244361.5638	1631002.1924
1665	167.4000	1335317.1463	3722217.5627	244311.4624	1632267.9517
1666	167.5000	1333836.8348	3721302.6425	244261.2746	1633533.4511
1667	167.6000	1332358.1643	3720386.6704	244211.0004	1634798.6904
1668	167.7000	1330881.1330	3719469.6489	244160.6402	1636063.6690
1669	167.8000	1329405.7392	3718551.5805	244110.1939	1637328.3865
1670	167.9000	1327931.9809	3717632.4677	244059.6619	1638592.8424
1671	168.0000	1326459.8564	3716712.3130	244009.0443	1639857.0363
1672	168.1000	1324989.3640	3715791.1188	243958.3413	1641120.9678
1673	168.2000	1323520.5016	3714868.8876	243907.5532	1642384.6364
1674	168.3000	1322053.2677	3713945.6220	243856.6800	1643648.0417
1675	168.4000	1320587.6602	3713021.3243	243805.7219	1644911.1832
1676	168.5000	1319123.6776	3712095.9970	243754.6793	1646174.0606
1677	168.6000	1317661.3179	3711169.6427	243703.5521	1647436.6733
1678	168.7000	1316200.5793	3710242.2637	243652.3407	1648699.0209
1679	168.8000	1314741.4601	3709313.8625	243601.0452	1649961.1029
1680	168.9000	1313283.9584	3708384.4416	243549.6657	1651222.9191
1681	169.0000	1311828.0725	3707454.0034	243498.2026	1652484.4688
1682	169.1000	1310373.8006	3706522.5504	243446.6559	1653745.7518
1683	169.2000	1308921.1409	3705590.0849	243395.0258	1655006.7675
1684	169.3000	1307470.0915	3704656.6095	243343.3126	1656267.5155

1685	169.4000	1306020.6508	3703722.1266	243291.5163	1657527.9954
1686	169.5000	1304572.8169	3702786.6386	243239.6373	1658788.2068
1687	169.6000	1303126.5880	3701850.1480	243187.6756	1660048.1492
1688	169.7000	1301681.9624	3700912.6570	243135.6314	1661307.8222
1689	169.8000	1300238.9383	3699974.1683	243083.5050	1662567.2253
1690	169.9000	1298797.5139	3699034.6842	243031.2965	1663826.3583
1691	170.0000	1297357.6875	3698094.2070	242979.0061	1665085.2205
1692	170.1000	1295919.4572	3697152.7393	242926.6340	1666343.8117
1693	170.2000	1294482.8213	3696210.2834	242874.1803	1667602.1313
1694	170.3000	1293047.7780	3695266.8418	242821.6453	1668860.1790
1695	170.4000	1291614.3257	3694322.4167	242769.0291	1670117.9544
1696	170.5000	1290182.4624	3693377.0107	242716.3318	1671375.4569
1697	170.6000	1288752.1864	3692430.6261	242663.5538	1672632.6863
1698	170.7000	1287323.4961	3691483.2653	242610.6951	1673889.6420
1699	170.8000	1285896.3895	3690534.9307	242557.7559	1675146.3237
1700	170.9000	1284470.8651	3689585.6247	242504.7364	1676402.7309
1701	171.0000	1283046.9209	3688635.3496	242451.6369	1677658.8633
1702	171.1000	1281624.5553	3687684.1078	242398.4573	1678914.7204
1703	171.2000	1280203.7665	3686731.9018	242345.1981	1680170.3017
1704	171.3000	1278784.5528	3685778.7337	242291.8592	1681425.6070
1705	171.4000	1277366.9124	3684824.6062	242238.4410	1682680.6358
1706	171.5000	1275950.8436	3683869.5214	242184.9435	1683935.3876
1707	171.6000	1274536.3446	3682913.4817	242131.3670	1685189.8621
1708	171.7000	1273123.4137	3681956.4896	242077.7117	1686444.0588
1709	171.8000	1271712.0492	3680998.5472	242023.9776	1687697.9774

1710	171.9000	1270302.2492	3680039.6571	241970.1650	1688951.6174
1711	172.0000	1268894.0122	3679079.8216	241916.2741	1690204.9784
1712	172.1000	1267487.3363	3678119.0429	241862.3050	1691458.0600
1713	172.2000	1266082.2198	3677157.3234	241808.2579	1692710.8619
1714	172.3000	1264678.6610	3676194.6655	241754.1330	1693963.3836
1715	172.4000	1263276.6582	3675231.0715	241699.9305	1695215.6247
1716	172.5000	1261876.2096	3674266.5436	241645.6505	1696467.5847
1717	172.6000	1260477.3135	3673301.0843	241591.2932	1697719.2634
1718	172.7000	1259079.9682	3672334.6959	241536.8588	1698970.6604
1719	172.8000	1257684.1720	3671367.3806	241482.3474	1700221.7751
1720	172.9000	1256289.9232	3670399.1408	241427.7593	1701472.6072
1721	173.0000	1254897.2199	3669429.9788	241373.0946	1702723.1563
1722	173.1000	1253506.0607	3668459.8969	241318.3534	1703973.4221
1723	173.2000	1252116.4436	3667488.8974	241263.5361	1705223.4041
1724	173.3000	1250728.3671	3666516.9826	241208.6426	1706473.1019
1725	173.4000	1249341.8293	3665544.1548	241153.6732	1707722.5151
1726	173.5000	1247956.8286	3664570.4162	241098.6281	1708971.6434
1727	173.6000	1246573.3634	3663595.7693	241043.5075	1710220.4863
1728	173.7000	1245191.4318	3662620.2162	240988.3114	1711469.0435
1729	173.8000	1243811.0322	3661643.7592	240933.0401	1712717.3146
1730	173.9000	1242432.1629	3660666.4007	240877.6938	1713965.2991
1731	174.0000	1241054.8222	3659688.1429	240822.2726	1715212.9967
1732	174.1000	1239679.0084	3658708.9880	240766.7767	1716460.4071
1733	174.2000	1238304.7198	3657728.9384	240711.2063	1717707.5297
1734	174.3000	1236931.9547	3656747.9963	240655.5615	1718954.3643

1735	174.4000	1235560.7114	3655766.1640	240599.8425	1720200.9104
1736	174.5000	1234190.9883	3654783.4437	240544.0495	1721447.1677
1737	174.6000	1232822.7836	3653799.8377	240488.1826	1722693.1357
1738	174.7000	1231456.0957	3652815.3482	240432.2420	1723938.8142
1739	174.8000	1230090.9229	3651829.9776	240376.2280	1725184.2026
1740	174.9000	1228727.2635	3650843.7279	240320.1405	1726429.3007
1741	175.0000	1227365.1158	3649856.6015	240263.9799	1727674.1081
1742	175.1000	1226004.4782	3648868.6007	240207.7463	1728918.6243
1743	175.2000	1224645.3489	3647879.7276	240151.4398	1730162.8491
1744	175.3000	1223287.7264	3646889.9845	240095.0607	1731406.7819
1745	175.4000	1221931.6089	3645899.3736	240038.6091	1732650.4225
1746	175.5000	1220576.9948	3644907.8971	239982.0851	1733893.7705
1747	175.6000	1219223.8824	3643915.5573	239925.4889	1735136.8255
1748	175.7000	1217872.2700	3642922.3564	239868.8207	1736379.5871
1749	175.8000	1216522.1560	3641928.2966	239812.0807	1737622.0549
1750	175.9000	1215173.5387	3640933.3801	239755.2690	1738864.2286
1751	176.0000	1213826.4165	3639937.6091	239698.3858	1740106.1079
1752	176.1000	1212480.7876	3638940.9858	239641.4313	1741347.6922
1753	176.2000	1211136.6505	3637943.5125	239584.4056	1742588.9813
1754	176.3000	1209794.0035	3636945.1914	239527.3088	1743829.9749
1755	176.4000	1208452.8450	3635946.0245	239470.1413	1745070.6724
1756	176.5000	1207113.1732	3634946.0142	239412.9030	1746311.0737
1757	176.6000	1205774.9866	3633945.1626	239355.5942	1747551.1782
1758	176.7000	1204438.2834	3632943.4718	239298.2151	1748790.9857
1759	176.8000	1203103.0621	3631940.9442	239240.7658	1750030.4957

1760	176.9000	1201769.3210	3630937.5819	239183.2464	1751269.7080
1761	177.0000	1200437.0585	3629933.3869	239125.6572	1752508.6221
1762	177.1000	1199106.2729	3628928.3616	239067.9983	1753747.2376
1763	177.2000	1197776.9626	3627922.5081	239010.2699	1754985.5543
1764	177.3000	1196449.1259	3626915.8286	238952.4721	1756223.5718
1765	177.4000	1195122.7613	3625908.3251	238894.6050	1757461.2897
1766	177.5000	1193797.8670	3624900.0000	238836.6690	1758698.7076
1767	177.6000	1192474.4415	3623890.8553	238778.6640	1759935.8252
1768	177.7000	1191152.4832	3622880.8931	238720.5903	1761172.6421
1769	177.8000	1189831.9903	3621870.1158	238662.4481	1762409.1580
1770	177.9000	1188512.9613	3620858.5253	238604.2375	1763645.3726
1771	178.0000	1187195.3946	3619846.1239	238545.9586	1764881.2854
1772	178.1000	1185879.2885	3618832.9136	238487.6116	1766116.8961
1773	178.2000	1184564.6414	3617818.8967	238429.1968	1767352.2044
1774	178.3000	1183251.4517	3616804.0752	238370.7141	1768587.2099
1775	178.4000	1181939.7178	3615788.4513	238312.1639	1769821.9123
1776	178.5000	1180629.4380	3614772.0272	238253.5463	1771056.3111
1777	178.6000	1179320.6108	3613754.8048	238194.8613	1772290.4062
1778	178.7000	1178013.2346	3612736.7865	238136.1093	1773524.1970
1779	178.8000	1176707.3077	3611717.9743	238077.2903	1774757.6834
1780	178.9000	1175402.8285	3610698.3702	238018.4045	1775990.8648
1781	179.0000	1174099.7955	3609677.9765	237959.4520	1777223.7410
1782	179.1000	1172798.2069	3608656.7952	237900.4331	1778456.3117
1783	179.2000	1171498.0613	3607634.8284	237841.3479	1779688.5764
1784	179.3000	1170199.3571	3606612.0783	237782.1965	1780920.5349

1785	179.4000	1168902.0925	3605588.5470	237722.9791	1782152.1867
1786	179.5000	1167606.2661	3604564.2364	237663.6958	1783383.5317
1787	179.6000	1166311.8762	3603539.1489	237604.3469	1784614.5693
1788	179.7000	1165018.9212	3602513.2863	237544.9324	1785845.2994
1789	179.8000	1163727.3996	3601486.6509	237485.4525	1787075.7214
1790	179.9000	1162437.3097	3600459.2447	237425.9075	1788305.8352
1791	180.0000	1161148.6500	3599431.0697	237366.2974	1789535.6404
1792	180.1000	1159861.4190	3598402.1281	237306.6223	1790765.1365
1793	180.2000	1158575.6149	3597372.4220	237246.8825	1791994.3234
1794	180.3000	1157291.2362	3596341.9534	237187.0782	1793223.2006
1795	180.4000	1156008.2814	3595310.7244	237127.2094	1794451.7678
1796	180.5000	1154726.7488	3594278.7370	237067.2763	1795680.0248
1797	180.6000	1153446.6369	3593245.9934	237007.2791	1796907.9711
1798	180.7000	1152167.9442	3592212.4955	236947.2179	1798135.6064
1799	180.8000	1150890.6690	3591178.2455	236887.0929	1799362.9304
1800	180.9000	1149614.8097	3590143.2453	236826.9042	1800589.9427
1801	181.0000	1148340.3649	3589107.4971	236766.6520	1801816.6432
1802	181.1000	1147067.3328	3588071.0029	236706.3365	1803043.0313
1803	181.2000	1145795.7121	3587033.7647	236645.9578	1804269.1067
1804	181.3000	1144525.5010	3585995.7847	236585.5160	1805494.8693
1805	181.4000	1143256.6981	3584957.0647	236525.0114	1806720.3185
1806	181.5000	1141989.3017	3583917.6069	236464.4440	1807945.4542
1807	181.6000	1140723.3104	3582877.4133	236403.8140	1809170.2759
1808	181.7000	1139458.7225	3581836.4859	236343.1216	1810394.7834
1809	181.8000	1138195.5365	3580794.8267	236282.3669	1811618.9763

1810	181.9000	1136933.7509	3579752.4378	236221.5501	1812842.8544
1811	182.0000	1135673.3640	3578709.3213	236160.6713	1814066.4172
1812	182.1000	1134414.3744	3577665.4790	236099.7307	1815289.6644
1813	182.2000	1133156.7806	3576620.9131	236038.7284	1816512.5958
1814	182.3000	1131900.5808	3575575.6255	235977.6646	1817735.2111
1815	182.4000	1130645.7737	3574529.6182	235916.5394	1818957.5098
1816	182.5000	1129392.3576	3573482.8933	235855.3530	1820179.4918
1817	182.6000	1128140.3310	3572435.4528	235794.1056	1821401.1566
1818	182.7000	1126889.6924	3571387.2986	235732.7972	1822622.5039
1819	182.8000	1125640.4403	3570338.4328	235671.4281	1823843.5335
1820	182.9000	1124392.5730	3569288.8573	235609.9983	1825064.2450
1821	183.0000	1123146.0891	3568238.5742	235548.5081	1826284.6382
1822	183.1000	1121900.9871	3567187.5854	235486.9576	1827504.7126
1823	183.2000	1120657.2653	3566135.8929	235425.3469	1828724.4680
1824	183.3000	1119414.9224	3565083.4988	235363.6762	1829943.9041
1825	183.4000	1118173.9566	3564030.4049	235301.9456	1831163.0206
1826	183.5000	1116934.3666	3562976.6132	235240.1553	1832381.8171
1827	183.6000	1115696.1508	3561922.1258	235178.3054	1833600.2934
1828	183.7000	1114459.3076	3560866.9446	235116.3961	1834818.4491
1829	183.8000	1113223.8356	3559811.0715	235054.4275	1836036.2840
1830	183.9000	1111989.7332	3558754.5086	234992.3998	1837253.7976
1831	184.0000	1110756.9989	3557697.2578	234930.3132	1838470.9898
1832	184.1000	1109525.6312	3556639.3210	234868.1677	1839687.8602
1833	184.2000	1108295.6286	3555580.7003	234805.9635	1840904.4085
1834	184.3000	1107066.9895	3554521.3974	234743.7008	1842120.6345

1835	184.4000	1105839.7125	3553461.4146	234681.3797	1843336.5377
1836	184.5000	1104613.7960	3552400.7535	234619.0003	1844552.1179
1837	184.6000	1103389.2386	3551339.4163	234556.5629	1845767.3748
1838	184.7000	1102166.0386	3550277.4048	234494.0675	1846982.3081
1839	184.8000	1100944.1947	3549214.7210	234431.5143	1848196.9176
1840	184.9000	1099723.7054	3548151.3668	234368.9034	1849411.2028
1841	185.0000	1098504.5690	3547087.3441	234306.2350	1850625.1635
1842	185.1000	1097286.7841	3546022.6549	234243.5093	1851838.7994
1843	185.2000	1096070.3493	3544957.3012	234180.7264	1853052.1103
1844	185.3000	1094855.2630	3543891.2847	234117.8863	1854265.0957
1845	185.4000	1093641.5237	3542824.6076	234054.9894	1855477.7555
1846	185.5000	1092429.1300	3541757.2715	233992.0356	1856690.0892
1847	185.6000	1091218.0802	3540689.2786	233929.0252	1857902.0968
1848	185.7000	1090008.3731	3539620.6306	233865.9583	1859113.7777
1849	185.8000	1088800.0070	3538551.3296	233802.8351	1860325.1318
1850	185.9000	1087592.9805	3537481.3774	233739.6556	1861536.1587
1851	186.0000	1086387.2920	3536410.7758	233676.4201	1862746.8582
1852	186.1000	1085182.9402	3535339.5269	233613.1287	1863957.2300
1853	186.2000	1083979.9235	3534267.6325	233549.7814	1865167.2737
1854	186.3000	1082778.2404	3533195.0946	233486.3786	1866376.9892
1855	186.4000	1081577.8895	3532121.9149	233422.9202	1867586.3760
1856	186.5000	1080378.8693	3531048.0954	233359.4065	1868795.4340
1857	186.6000	1079181.1784	3529973.6379	233295.8376	1870004.1628
1858	186.7000	1077984.8151	3528898.5445	233232.2136	1871212.5621
1859	186.8000	1076789.7781	3527822.8168	233168.5347	1872420.6317

1860	186.9000	1075596.0660	3526746.4569	233104.8010	1873628.3713
1861	187.0000	1074403.6771	3525669.4666	233041.0126	1874835.7806
1862	187.1000	1073212.6101	3524591.8477	232977.1698	1876042.8592
1863	187.2000	1072022.8635	3523513.6022	232913.2726	1877249.6070
1864	187.3000	1070834.4359	3522434.7319	232849.3211	1878456.0237
1865	187.4000	1069647.3257	3521355.2386	232785.3156	1879662.1089
1866	187.5000	1068461.5316	3520275.1243	232721.2562	1880867.8624
1867	187.6000	1067277.0519	3519194.3907	232657.1429	1882073.2839
1868	187.7000	1066093.8854	3518113.0398	232592.9760	1883278.3732
1869	187.8000	1064912.0305	3517031.0734	232528.7556	1884483.1298
1870	187.9000	1063731.4859	3515948.4933	232464.4818	1885687.5537
1871	188.0000	1062552.2499	3514865.3014	232400.1547	1886891.6445
1872	188.1000	1061374.3212	3513781.4995	232335.7746	1888095.4019
1873	188.2000	1060197.6984	3512697.0895	232271.3414	1889298.8256
1874	188.3000	1059022.3799	3511612.0732	232206.8555	1890501.9154
1875	188.4000	1057848.3644	3510526.4524	232142.3169	1891704.6710
1876	188.5000	1056675.6504	3509440.2290	232077.7257	1892907.0921
1877	188.6000	1055504.2364	3508353.4049	232013.0821	1894109.1785
1878	188.7000	1054334.1210	3507265.9817	231948.3862	1895310.9299
1879	188.8000	1053165.3029	3506177.9615	231883.6382	1896512.3460
1880	188.9000	1051997.7804	3505089.3459	231818.8383	1897713.4266
1881	189.0000	1050831.5522	3504000.1368	231753.9864	1898914.1713
1882	189.1000	1049666.6170	3502910.3360	231689.0828	1900114.5799
1883	189.2000	1048502.9731	3501819.9453	231624.1277	1901314.6521
1884	189.3000	1047340.6192	3500728.9666	231559.1211	1902514.3878

1885	189.4000	1046179.5539	3499637.4017	231494.0632	1903713.7865
1886	189.5000	1045019.7757	3498545.2523	231428.9541	1904912.8481
1887	189.6000	1043861.2833	3497452.5202	231363.7939	1906111.5723
1888	189.7000	1042704.0751	3496359.2073	231298.5829	1907309.9587
1889	189.8000	1041548.1498	3495265.3154	231233.3211	1908508.0073
1890	189.9000	1040393.5060	3494170.8462	231168.0087	1909705.7176
1891	190.0000	1039240.1421	3493075.8015	231102.6457	1910903.0894
1892	190.1000	1038088.0569	3491980.1832	231037.2324	1912100.1225
1893	190.2000	1036937.2488	3490883.9930	230971.7689	1913296.8166
1894	190.3000	1035787.7165	3489787.2327	230906.2553	1914493.1714
1895	190.4000	1034639.4586	3488689.9040	230840.6917	1915689.1868
1896	190.5000	1033492.4736	3487592.0089	230775.0783	1916884.8623
1897	190.6000	1032346.7601	3486493.5489	230709.4152	1918080.1979
1898	190.7000	1031202.3168	3485394.5259	230643.7026	1919275.1931
1899	190.8000	1030059.1422	3484294.9418	230577.9405	1920469.8478
1900	190.9000	1028917.2348	3483194.7981	230512.1291	1921664.1617
1901	191.0000	1027776.5934	3482094.0968	230446.2686	1922858.1345
1902	191.1000	1026637.2165	3480992.8395	230380.3591	1924051.7660
1903	191.2000	1025499.1026	3479891.0281	230314.4007	1925245.0560
1904	191.3000	1024362.2505	3478788.6642	230248.3935	1926438.0041
1905	191.4000	1023226.6586	3477685.7497	230182.3377	1927630.6102
1906	191.5000	1022092.3257	3476582.2863	230116.2334	1928822.8739
1907	191.6000	1020959.2503	3475478.2757	230050.0807	1930014.7951
1908	191.7000	1019827.4309	3474373.7196	229983.8798	1931206.3734
1909	191.8000	1018696.8663	3473268.6199	229917.6308	1932397.6087

1910	191.9000	1017567.5550	3472162.9783	229851.3339	1933588.5007
1911	192.0000	1016439.4957	3471056.7965	229784.9891	1934779.0491
1912	192.1000	1015312.6869	3469950.0762	229718.5966	1935969.2536
1913	192.2000	1014187.1272	3468842.8191	229652.1565	1937159.1142
1914	192.3000	1013062.8154	3467735.0271	229585.6690	1938348.6304
1915	192.4000	1011939.7499	3466626.7018	229519.1342	1939537.8020
1916	192.5000	1010817.9294	3465517.8449	229452.5522	1940726.6289
1917	192.6000	1009697.3526	3464408.4582	229385.9231	1941915.1107
1918	192.7000	1008578.0180	3463298.5434	229319.2471	1943103.2472
1919	192.8000	1007459.9243	3462188.1022	229252.5244	1944291.0382
1920	192.9000	1006343.0702	3461077.1363	229185.7549	1945478.4834
1921	193.0000	1005227.4541	3459965.6475	229118.9390	1946665.5826
1922	193.1000	1004113.0748	3458853.6374	229052.0766	1947852.3356
1923	193.2000	1002999.9309	3457741.1077	228985.1680	1949038.7420
1924	193.3000	1001888.0209	3456628.0602	228918.2132	1950224.8018
1925	193.4000	1000777.3437	3455514.4966	228851.2124	1951410.5145
1926	193.5000	999667.8977	3454400.4185	228784.1657	1952595.8801
1927	193.6000	998559.6816	3453285.8276	228717.0733	1953780.8982
1928	193.7000	997452.6941	3452170.7257	228649.9352	1954965.5686
1929	193.8000	996346.9337	3451055.1144	228582.7516	1956149.8911
1930	193.9000	995242.3992	3449938.9954	228515.5227	1957333.8654
1931	194.0000	994139.0892	3448822.3704	228448.2484	1958517.4914
1932	194.1000	993037.0023	3447705.2411	228380.9291	1959700.7687
1933	194.2000	991936.1371	3446587.6092	228313.5648	1960883.6972
1934	194.3000	990836.4923	3445469.4763	228246.1556	1962066.2766

1935	194.4000	989738.0666	3444350.8441	228178.7017	1963248.5066
1936	194.5000	988640.8586	3443231.7143	228111.2031	1964430.3871
1937	194.6000	987544.8669	3442112.0885	228043.6601	1965611.9178
1938	194.7000	986450.0903	3440991.9685	227976.0726	1966793.0986
1939	194.8000	985356.5272	3439871.3559	227908.4410	1967973.9290
1940	194.9000	984264.1765	3438750.2523	227840.7653	1969154.4090
1941	195.0000	983173.0368	3437628.6594	227773.0455	1970334.5383
1942	195.1000	982083.1066	3436506.5789	227705.2819	1971514.3166
1943	195.2000	980994.3848	3435384.0124	227637.4746	1972693.7439
1944	195.3000	979906.8699	3434260.9616	227569.6236	1973872.8197
1945	195.4000	978820.5606	3433137.4281	227501.7292	1975051.5439
1946	195.5000	977735.4555	3432013.4136	227433.7914	1976229.9163
1947	195.6000	976651.5534	3430888.9197	227365.8104	1977407.9366
1948	195.7000	975568.8529	3429763.9480	227297.7862	1978585.6046
1949	195.8000	974487.3526	3428638.5003	227229.7191	1979762.9202
1950	195.9000	973407.0513	3427512.5780	227161.6091	1980939.8830
1951	196.0000	972327.9476	3426386.1829	227093.4564	1982116.4929
1952	196.1000	971250.0402	3425259.3167	227025.2610	1983292.7496
1953	196.2000	970173.3277	3424131.9808	226957.0232	1984468.6529
1954	196.3000	969097.8088	3423004.1770	226888.7430	1985644.2026
1955	196.4000	968023.4823	3421875.9069	226820.4205	1986819.3984
1956	196.5000	966950.3467	3420747.1720	226752.0559	1987994.2403
1957	196.6000	965878.4008	3419617.9741	226683.6493	1989168.7278
1958	196.7000	964807.6432	3418488.3147	226615.2008	1990342.8609
1959	196.8000	963738.0727	3417358.1955	226546.7106	1991516.6393

1960	196.9000	962669.6878	3416227.6180	226478.1787	1992690.0628
1961	197.0000	961602.4874	3415096.5838	226409.6053	1993863.1311
1962	197.1000	960536.4700	3413965.0947	226340.9905	1995035.8441
1963	197.2000	959471.6344	3412833.1521	226272.3345	1996208.2015
1964	197.3000	958407.9793	3411700.7577	226203.6373	1997380.2032
1965	197.4000	957345.5033	3410567.9130	226134.8991	1998551.8489
1966	197.5000	956284.2052	3409434.6198	226066.1199	1999723.1383
1967	197.6000	955224.0836	3408300.8795	225997.3000	2000894.0714
1968	197.7000	954165.1372	3407166.6937	225928.4394	2002064.6479
1969	197.8000	953107.3648	3406032.0641	225859.5383	2003234.8675
1970	197.9000	952050.7650	3404896.9922	225790.5967	2004404.7301
1971	198.0000	950995.3365	3403761.4797	225721.6148	2005574.2354
1972	198.1000	949941.0781	3402625.5280	225652.5928	2006743.3833
1973	198.2000	948887.9884	3401489.1389	225583.5306	2007912.1735
1974	198.3000	947836.0661	3400352.3137	225514.4285	2009080.6058
1975	198.4000	946785.3100	3399215.0543	225445.2866	2010248.6801
1976	198.5000	945735.7187	3398077.3620	225376.1050	2011416.3960
1977	198.6000	944687.2910	3396939.2384	225306.8838	2012583.7535
1978	198.7000	943640.0256	3395800.6852	225237.6231	2013750.7523
1979	198.8000	942593.9211	3394661.7040	225168.3231	2014917.3922
1980	198.9000	941548.9763	3393522.2961	225098.9838	2016083.6730
1981	199.0000	940505.1900	3392382.4633	225029.6054	2017249.5945
1982	199.1000	939462.5607	3391242.2071	224960.1881	2018415.1564
1983	199.2000	938421.0874	3390101.5290	224890.7318	2019580.3587
1984	199.3000	937380.7685	3388960.4306	224821.2368	2020745.2010

1985	199.4000	936341.6030	3387818.9134	224751.7031	2021909.6833
1986	199.5000	935303.5894	3386676.9791	224682.1309	2023073.8052
1987	199.6000	934266.7266	3385534.6290	224612.5203	2024237.5666
1988	199.7000	933231.0133	3384391.8648	224542.8714	2025400.9673
1989	199.8000	932196.4481	3383248.6880	224473.1843	2026564.0071
1990	199.9000	931163.0298	3382105.1002	224403.4591	2027726.6858
1991	200.0000	930130.7571	3380961.1029	224333.6960	2028889.0032
1992	200.1000	929099.6288	3379816.6976	224263.8951	2030050.9590
1993	200.2000	928069.6436	3378671.8858	224194.0565	2031212.5532
1994	200.3000	927040.8002	3377526.6691	224124.1802	2032373.7855
1995	200.4000	926013.0974	3376381.0490	224054.2665	2033534.6558
1996	200.5000	924986.5339	3375235.0271	223984.3154	2034695.1637
1997	200.6000	923961.1084	3374088.6048	223914.3271	2035855.3092
1998	200.7000	922936.8197	3372941.7836	223844.3016	2037015.0920
1999	200.8000	921913.6665	3371794.5652	223774.2391	2038174.5119
2000	200.9000	920891.6475	3370646.9509	223704.1397	2039333.5688
2001	201.0000	919870.7616	3369498.9423	223634.0035	2040492.2625
2002	201.1000	918851.0073	3368350.5410	223563.8307	2041650.5927
2003	201.2000	917832.3836	3367201.7484	223493.6212	2042808.5594
2004	201.3000	916814.8891	3366052.5660	223423.3754	2043966.1622
2005	201.4000	915798.5225	3364902.9954	223353.0932	2045123.4010
2006	201.5000	914783.2827	3363753.0379	223282.7747	2046280.2756
2007	201.6000	913769.1684	3362602.6952	223212.4202	2047436.7859
2008	201.7000	912756.1783	3361451.9688	223142.0297	2048592.9316
2009	201.8000	911744.3112	3360300.8600	223071.6033	2049748.7126

2010	201.9000	910733.5658	3359149.3705	223001.1411	2050904.1286
2011	202.0000	909723.9409	3357997.5017	222930.6432	2052059.1795
2012	202.1000	908715.4353	3356845.2550	222860.1099	2053213.8651
2013	202.2000	907708.0477	3355692.6320	222789.5411	2054368.1853
2014	202.3000	906701.7769	3354539.6341	222718.9369	2055522.1397
2015	202.4000	905696.6216	3353386.2629	222648.2976	2056675.7284
2016	202.5000	904692.5806	3352232.5198	222577.6232	2057828.9510
2017	202.6000	903689.6526	3351078.4062	222506.9138	2058981.8073
2018	202.7000	902687.8365	3349923.9237	222436.1695	2060134.2973
2019	202.8000	901687.1310	3348769.0738	222365.3905	2061286.4207
2020	202.9000	900687.5349	3347613.8578	222294.5768	2062438.1774
2021	203.0000	899689.0469	3346458.2772	222223.7286	2063589.5671
2022	203.1000	898691.6658	3345302.3336	222152.8460	2064740.5898
2023	203.2000	897695.3904	3344146.0283	222081.9291	2065891.2451
2024	203.3000	896700.2194	3342989.3629	222010.9779	2067041.5329
2025	203.4000	895706.1517	3341832.3387	221939.9927	2068191.4532
2026	203.5000	894713.1860	3340674.9573	221868.9735	2069341.0056
2027	203.6000	893721.3210	3339517.2201	221797.9204	2070490.1900
2028	203.7000	892730.5557	3338359.1285	221726.8335	2071639.0062
2029	203.8000	891740.8886	3337200.6840	221655.7130	2072787.4541
2030	203.9000	890752.3187	3336041.8881	221584.5590	2073935.5335
2031	204.0000	889764.8448	3334882.7421	221513.3715	2075083.2441
2032	204.1000	888778.4655	3333723.2475	221442.1507	2076230.5859
2033	204.2000	887793.1797	3332563.4057	221370.8967	2077377.5587
2034	204.3000	886808.9862	3331403.2183	221299.6096	2078524.1623

2035	204.4000	885825.8837	3330242.6866	221228.2895	2079670.3965
2036	204.5000	884843.8711	3329081.8120	221156.9365	2080816.2611
2037	204.6000	883862.9471	3327920.5960	221085.5507	2081961.7560
2038	204.7000	882883.1106	3326759.0400	221014.1322	2083106.8810
2039	204.8000	881904.3603	3325597.1454	220942.6812	2084251.6360
2040	204.9000	880926.6950	3324434.9137	220871.1977	2085396.0207
2041	205.0000	879950.1136	3323272.3462	220799.6819	2086540.0350
2042	205.1000	878974.6147	3322109.4444	220728.1339	2087683.6788
2043	205.2000	878000.1973	3320946.2098	220656.5537	2088826.9518
2044	205.3000	877026.8601	3319782.6436	220584.9415	2089969.8540
2045	205.4000	876054.6020	3318618.7473	220513.2973	2091112.3851
2046	205.5000	875083.4217	3317454.5224	220441.6214	2092254.5449
2047	205.6000	874113.3180	3316289.9703	220369.9138	2093396.3334
2048	205.7000	873144.2897	3315125.0922	220298.1745	2094537.7503
2049	205.8000	872176.3357	3313959.8897	220226.4038	2095678.7955
2050	205.9000	871209.4548	3312794.3642	220154.6017	2096819.4688
2051	206.0000	870243.6457	3311628.5170	220082.7683	2097959.7700
2052	206.1000	869278.9073	3310462.3495	220010.9037	2099099.6991
2053	206.2000	868315.2384	3309295.8631	219939.0081	2100239.2558
2054	206.3000	867352.6379	3308129.0593	219867.0815	2101378.4399
2055	206.4000	866391.1044	3306961.9393	219795.1241	2102517.2514
2056	206.5000	865430.6369	3305794.5047	219723.1359	2103655.6900
2057	206.6000	864471.2341	3304626.7567	219651.1170	2104793.7556
2058	206.7000	863512.8949	3303458.6968	219579.0677	2105931.4481
2059	206.8000	862555.6181	3302290.3263	219506.9879	2107068.7672

2060	206.9000	861599.4026	3301121.6466	219434.8777	2108205.7128
2061	207.0000	860644.2471	3299952.6592	219362.7374	2109342.2849
2062	207.1000	859690.1504	3298783.3652	219290.5669	2110478.4831
2063	207.2000	858737.1115	3297613.7662	219218.3664	2111614.3073
2064	207.3000	857785.1290	3296443.8635	219146.1360	2112749.7575
2065	207.4000	856834.2020	3295273.6585	219073.8757	2113884.8334
2066	207.5000	855884.3291	3294103.1525	219001.5858	2115019.5349
2067	207.6000	854935.5092	3292932.3469	218929.2663	2116153.8618
2068	207.7000	853987.7412	3291761.2430	218856.9173	2117287.8140
2069	207.8000	853041.0238	3290589.8423	218784.5389	2118421.3913
2070	207.9000	852095.3560	3289418.1460	218712.1311	2119554.5936
2071	208.0000	851150.7365	3288246.1555	218639.6942	2120687.4208
2072	208.1000	850207.1642	3287073.8722	218567.2283	2121819.8726
2073	208.2000	849264.6380	3285901.2974	218494.7333	2122951.9489
2074	208.3000	848323.1566	3284728.4325	218422.2095	2124083.6496
2075	208.4000	847382.7189	3283555.2788	218349.6568	2125214.9745
2076	208.5000	846443.3238	3282381.8376	218277.0755	2126345.9235
2077	208.6000	845504.9700	3281208.1103	218204.4657	2127476.4964
2078	208.7000	844567.6565	3280034.0983	218131.8273	2128606.6931
2079	208.8000	843631.3822	3278859.8028	218059.1606	2129736.5134
2080	208.9000	842696.1457	3277685.2252	217986.4656	2130865.9572
2081	209.0000	841761.9460	3276510.3669	217913.7425	2131995.0244
2082	209.1000	840828.7820	3275335.2291	217840.9912	2133123.7147
2083	209.2000	839896.6525	3274159.8132	217768.2120	2134252.0281
2084	209.3000	838965.5563	3272984.1205	217695.4050	2135379.9644

2085	209.4000	838035.4923	3271808.1524	217622.5702	2136507.5235
2086	209.5000	837106.4594	3270631.9101	217549.7077	2137634.7051
2087	209.6000	836178.4563	3269455.3950	217476.8177	2138761.5093
2088	209.7000	835251.4821	3268278.6083	217403.9002	2139887.9357
2089	209.8000	834325.5354	3267101.5515	217330.9553	2141013.9844
2090	209.9000	833400.6153	3265924.2258	217257.9832	2142139.6551
2091	210.0000	832476.7205	3264746.6326	217184.9839	2143264.9477
2092	210.1000	831553.8500	3263568.7731	217111.9575	2144389.8621
2093	210.2000	830632.0025	3262390.6486	217038.9042	2145514.3981
2094	210.3000	829711.1769	3261212.2605	216965.8240	2146638.5556
2095	210.4000	828791.3722	3260033.6100	216892.7171	2147762.3344
2096	210.5000	827872.5871	3258854.6985	216819.5835	2148885.7344
2097	210.6000	826954.8206	3257675.5272	216746.4233	2150008.7555
2098	210.7000	826038.0716	3256496.0975	216673.2366	2151131.3976
2099	210.8000	825122.3388	3255316.4106	216600.0236	2152253.6604
2100	210.9000	824207.6211	3254136.4679	216526.7843	2153375.5439
2101	211.0000	823293.9176	3252956.2706	216453.5189	2154497.0479
2102	211.1000	822381.2269	3251775.8200	216380.2273	2155618.1723
2103	211.2000	821469.5480	3250595.1174	216306.9098	2156738.9170
2104	211.3000	820558.8798	3249414.1640	216233.5664	2157859.2818
2105	211.4000	819649.2212	3248232.9612	216160.1973	2158979.2665
2106	211.5000	818740.5710	3247051.5103	216086.8024	2160098.8712
2107	211.6000	817832.9281	3245869.8125	216013.3819	2161218.0955
2108	211.7000	816926.2914	3244687.8691	215939.9360	2162336.9394
2109	211.8000	816020.6598	3243505.6813	215866.4647	2163455.4028

2110	211.9000	815116.0322	3242323.2505	215792.9681	2164573.4855
2111	212.0000	814212.4074	3241140.5778	215719.4462	2165691.1874
2112	212.1000	813309.7843	3239957.6647	215645.8993	2166808.5084
2113	212.2000	812408.1619	3238774.5123	215572.3274	2167925.4482
2114	212.3000	811507.5390	3237591.1219	215498.7305	2169042.0069
2115	212.4000	810607.9146	3236407.4947	215425.1089	2170158.1843
2116	212.5000	809709.2874	3235223.6321	215351.4625	2171273.9802
2117	212.6000	808811.6565	3234039.5352	215277.7915	2172389.3946
2118	212.7000	807915.0206	3232855.2054	215204.0960	2173504.4272
2119	212.8000	807019.3788	3231670.6439	215130.3760	2174619.0780
2120	212.9000	806124.7298	3230485.8519	215056.6317	2175733.3468
2121	213.0000	805231.0726	3229300.8306	214982.8632	2176847.2336
2122	213.1000	804338.4062	3228115.5814	214909.0705	2177960.7381
2123	213.2000	803446.7293	3226930.1055	214835.2538	2179073.8603
2124	213.3000	802556.0409	3225744.4041	214761.4131	2180186.6000
2125	213.4000	801666.3399	3224558.4785	214687.5485	2181298.9572
2126	213.5000	800777.6252	3223372.3298	214613.6602	2182410.9316
2127	213.6000	799889.8958	3222185.9594	214539.7482	2183522.5232
2128	213.7000	799003.1505	3220999.3684	214465.8127	2184633.7319
2129	213.8000	798117.3882	3219812.5582	214391.8536	2185744.5574
2130	213.9000	797232.6078	3218625.5298	214317.8712	2186854.9998
2131	214.0000	796348.8083	3217438.2847	214243.8655	2187965.0589
2132	214.1000	795465.9886	3216250.8239	214169.8365	2189074.7345
2133	214.2000	794584.1475	3215063.1487	214095.7845	2190184.0265
2134	214.3000	793703.2840	3213875.2604	214021.7094	2191292.9349

2135	214.4000	792823.3971	3212687.1601	213947.6114	2192401.4595
2136	214.5000	791944.4856	3211498.8491	213873.4906	2193509.6002
2137	214.6000	791066.5484	3210310.3286	213799.3471	2194617.3568
2138	214.7000	790189.5845	3209121.5997	213725.1809	2195724.7293
2139	214.8000	789313.5928	3207932.6638	213650.9921	2196831.7175
2140	214.9000	788438.5722	3206743.5220	213576.7809	2197938.3213
2141	215.0000	787564.5216	3205554.1756	213502.5473	2199044.5407
2142	215.1000	786691.4400	3204364.6257	213428.2915	2200150.3754
2143	215.2000	785819.3263	3203174.8735	213354.0135	2201255.8253
2144	215.3000	784948.1793	3201984.9203	213279.7133	2202360.8905
2145	215.4000	784077.9982	3200794.7672	213205.3912	2203465.5706
2146	215.5000	783208.7816	3199604.4155	213131.0472	2204569.8657
2147	215.6000	782340.5287	3198413.8663	213056.6813	2205673.7757
2148	215.7000	781473.2384	3197223.1209	212982.2938	2206777.3003
2149	215.8000	780606.9094	3196032.1803	212907.8845	2207880.4395
2150	215.9000	779741.5409	3194841.0460	212833.4538	2208983.1931
2151	216.0000	778877.1317	3193649.7189	212759.0016	2210085.5612
2152	216.1000	778013.6808	3192458.2003	212684.5280	2211187.5434
2153	216.2000	777151.1871	3191266.4914	212610.0332	2212289.1399
2154	216.3000	776289.6496	3190074.5934	212535.5172	2213390.3503
2155	216.4000	775429.0671	3188882.5075	212460.9801	2214491.1747
2156	216.5000	774569.4387	3187690.2347	212386.4219	2215591.6129
2157	216.6000	773710.7632	3186497.7764	212311.8429	2216691.6648
2158	216.7000	772853.0396	3185305.1336	212237.2431	2217791.3303
2159	216.8000	771996.2669	3184112.3076	212162.6225	2218890.6093

2160	216.9000	771140.4440	3182919.2996	212087.9813	2219989.5017
2161	217.0000	770285.5699	3181726.1106	212013.3195	2221088.0073
2162	217.1000	769431.6435	3180532.7419	211938.6373	2222186.1261
2163	217.2000	768578.6637	3179339.1946	211863.9347	2223283.8580
2164	217.3000	767726.6295	3178145.4699	211789.2118	2224381.2028
2165	217.4000	766875.5398	3176951.5690	211714.4687	2225478.1605
2166	217.5000	766025.3937	3175757.4930	211639.7055	2226574.7310
2167	217.6000	765176.1900	3174563.2431	211564.9223	2227670.9141
2168	217.7000	764327.9278	3173368.8204	211490.1192	2228766.7097
2169	217.8000	763480.6059	3172174.2261	211415.2962	2229862.1178
2170	217.9000	762634.2233	3170979.4613	211340.4534	2230957.1382
2171	218.0000	761788.7790	3169784.5272	211265.5910	2232051.7708
2172	218.1000	760944.2720	3168589.4249	211190.7090	2233146.0156
2173	218.2000	760100.7012	3167394.1557	211115.8076	2234239.8724
2174	218.3000	759258.0655	3166198.7205	211040.8867	2235333.3411
2175	218.4000	758416.3640	3165003.1207	210965.9465	2236426.4217
2176	218.5000	757575.5956	3163807.3572	210890.9871	2237519.1140
2177	218.6000	756735.7592	3162611.4313	210816.0085	2238611.4179
2178	218.7000	755896.8539	3161415.3441	210741.0109	2239703.3333
2179	218.8000	755058.8785	3160219.0967	210665.9943	2240794.8602
2180	218.9000	754221.8321	3159022.6903	210590.9588	2241885.9985
2181	219.0000	753385.7137	3157826.1260	210515.9046	2242976.7479
2182	219.1000	752550.5222	3156629.4049	210440.8316	2244067.1085
2183	219.2000	751716.2565	3155432.5281	210365.7400	2245157.0802
2184	219.3000	750882.9157	3154235.4969	210290.6299	2246246.6628

2185	219.4000	750050.4988	3153038.3122	210215.5013	2247335.8562
2186	219.5000	749219.0046	3151840.9752	210140.3544	2248424.6604
2187	219.6000	748388.4322	3150643.4871	210065.1892	2249513.0753
2188	219.7000	747558.7806	3149445.8490	209990.0058	2250601.1007
2189	219.8000	746730.0487	3148248.0619	209914.8042	2251688.7366
2190	219.9000	745902.2356	3147050.1270	209839.5847	2252775.9829
2191	220.0000	745075.3401	3145852.0455	209764.3472	2253862.8395
2192	220.1000	744249.3613	3144653.8183	209689.0919	2254949.3062
2193	220.2000	743424.2982	3143455.4467	209613.8188	2256035.3831
2194	220.3000	742600.1498	3142256.9317	209538.5280	2257121.0700
2195	220.4000	741776.9149	3141058.2745	209463.2197	2258206.3668
2196	220.5000	740954.5927	3139859.4761	209387.8938	2259291.2734
2197	220.6000	740133.1822	3138660.5376	209312.5505	2260375.7898
2198	220.7000	739312.6822	3137461.4602	209237.1898	2261459.9158
2199	220.8000	738493.0918	3136262.2450	209161.8119	2262543.6514
2200	220.9000	737674.4100	3135062.8930	209086.4169	2263626.9964
2201	221.0000	736856.6358	3133863.4053	209011.0047	2264709.9508
2202	221.1000	736039.7681	3132663.7831	208935.5755	2265792.5145
2203	221.2000	735223.8060	3131464.0274	208860.1294	2266874.6874
2204	221.3000	734408.7485	3130264.1393	208784.6664	2267956.4694
2205	221.4000	733594.5945	3129064.1199	208709.1867	2269037.8605
2206	221.5000	732781.3431	3127863.9703	208633.6904	2270118.8605
2207	221.6000	731968.9933	3126663.6915	208558.1774	2271199.4693
2208	221.7000	731157.5440	3125463.2847	208482.6479	2272279.6870
2209	221.8000	730346.9943	3124262.7510	208407.1020	2273359.5133

2210	221.9000	729537.3431	3123062.0913	208331.5398	2274438.9482
2211	222.0000	728728.5895	3121861.3069	208255.9613	2275517.9916
2212	222.1000	727920.7325	3120660.3987	208180.3666	2276596.6434
2213	222.2000	727113.7710	3119459.3678	208104.7558	2277674.9036
2214	222.3000	726307.7042	3118258.2154	208029.1290	2278752.7721
2215	222.4000	725502.5309	3117056.9424	207953.4863	2279830.2487
2216	222.5000	724698.2502	3115855.5500	207877.8277	2280907.3335
2217	222.6000	723894.8612	3114654.0392	207802.1534	2281984.0263
2218	222.7000	723092.3627	3113452.4110	207726.4633	2283060.3270
2219	222.8000	722290.7539	3112250.6666	207650.7577	2284136.2355
2220	222.9000	721490.0338	3111048.8070	207575.0365	2285211.7519
2221	223.0000	720690.2013	3109846.8333	207499.2999	2286286.8759
2222	223.1000	719891.2555	3108644.7465	207423.5480	2287361.6075
2223	223.2000	719093.1954	3107442.5476	207347.7807	2288435.9467
2224	223.3000	718296.0200	3106240.2378	207271.9983	2289509.8933
2225	223.4000	717499.7284	3105037.8180	207196.2007	2290583.4473
2226	223.5000	716704.3195	3103835.2894	207120.3881	2291656.6086
2227	223.6000	715909.7924	3102632.6530	207044.5606	2292729.3772
2228	223.7000	715116.1461	3101429.9097	206968.7182	2293801.7529
2229	223.8000	714323.3796	3100227.0608	206892.8609	2294873.7356
2230	223.9000	713531.4919	3099024.1071	206816.9890	2295945.3253
2231	224.0000	712740.4822	3097821.0498	206741.1024	2297016.5220
2232	224.1000	711950.3493	3096617.8899	206665.2012	2298087.3255
2233	224.2000	711161.0924	3095414.6284	206589.2856	2299157.7357
2234	224.3000	710372.7104	3094211.2664	206513.3556	2300227.7527

2235	224.4000	709585.2024	3093007.8048	206437.4113	2301297.3762
2236	224.5000	708798.5674	3091804.2448	206361.4527	2302366.6063
2237	224.6000	708012.8045	3090600.5874	206285.4799	2303435.4429
2238	224.7000	707227.9127	3089396.8335	206209.4931	2304503.8859
2239	224.8000	706443.8910	3088192.9843	206133.4923	2305571.9352
2240	224.9000	705660.7384	3086989.0407	206057.4775	2306639.5907
2241	225.0000	704878.4540	3085785.0038	205981.4489	2307706.8524
2242	225.1000	704097.0369	3084580.8746	205905.4066	2308773.7202
2243	225.2000	703316.4860	3083376.6541	205829.3505	2309840.1941
2244	225.3000	702536.8004	3082172.3433	205753.2809	2310906.2739
2245	225.4000	701757.9792	3080967.9433	205677.1977	2311971.9596
2246	225.5000	700980.0214	3079763.4550	205601.1010	2313037.2512
2247	225.6000	700202.9260	3078558.8795	205524.9910	2314102.1485
2248	225.7000	699426.6921	3077354.2177	205448.8676	2315166.6514
2249	225.8000	698651.3187	3076149.4708	205372.7311	2316230.7600
2250	225.9000	697876.8048	3074944.6397	205296.5814	2317294.4742
2251	226.0000	697103.1496	3073739.7254	205220.4186	2318357.7938
2252	226.1000	696330.3520	3072534.7289	205144.2429	2319420.7188
2253	226.2000	695558.4112	3071329.6513	205068.0542	2320483.2492
2254	226.3000	694787.3261	3070124.4934	204991.8527	2321545.3849
2255	226.4000	694017.0958	3068919.2564	204915.6385	2322607.1258
2256	226.5000	693247.7194	3067713.9412	204839.4115	2323668.4718
2257	226.6000	692479.1959	3066508.5488	204763.1720	2324729.4229
2258	226.7000	691711.5244	3065303.0802	204686.9199	2325789.9790
2259	226.8000	690944.7039	3064097.5365	204610.6554	2326850.1401

2260	226.9000	690178.7335	3062891.9185	204534.3785	2327909.9060
2261	227.0000	689413.6122	3061686.2273	204458.0893	2328969.2768
2262	227.1000	688649.3391	3060480.4639	204381.7879	2330028.2524
2263	227.2000	687885.9133	3059274.6293	204305.4743	2331086.8326
2264	227.3000	687123.3339	3058068.7244	204229.1486	2332145.0175
2265	227.4000	686361.5998	3056862.7502	204152.8110	2333202.8069
2266	227.5000	685600.7101	3055656.7078	204076.4614	2334260.2009
2267	227.6000	684840.6640	3054450.5980	204000.1000	2335317.1993
2268	227.7000	684081.4604	3053244.4219	203923.7268	2336373.8021
2269	227.8000	683323.0985	3052038.1804	203847.3419	2337430.0092
2270	227.9000	682565.5773	3050831.8746	203770.9454	2338485.8206
2271	228.0000	681808.8958	3049625.5053	203694.5374	2339541.2362
2272	228.1000	681053.0532	3048419.0737	203618.1179	2340596.2559
2273	228.2000	680298.0485	3047212.5805	203541.6869	2341650.8798
2274	228.3000	679543.8809	3046006.0269	203465.2447	2342705.1076
2275	228.4000	678790.5492	3044799.4137	203388.7912	2343758.9394
2276	228.5000	678038.0527	3043592.7420	203312.3265	2344812.3752
2277	228.6000	677286.3904	3042386.0126	203235.8508	2345865.4148
2278	228.7000	676535.5614	3041179.2266	203159.3640	2346918.0582
2279	228.8000	675785.5647	3039972.3850	203082.8662	2347970.3053
2280	228.9000	675036.3995	3038765.4886	203006.3576	2349022.1561
2281	229.0000	674288.0648	3037558.5384	202929.8382	2350073.6105
2282	229.1000	673540.5597	3036351.5354	202853.3080	2351124.6685
2283	229.2000	672793.8832	3035144.4806	202776.7672	2352175.3301
2284	229.3000	672048.0345	3033937.3749	202700.2158	2353225.5951

2285	229.4000	671303.0127	3032730.2192	202623.6539	2354275.4634
2286	229.5000	670558.8167	3031523.0145	202547.0815	2355324.9352
2287	229.6000	669815.4458	3030315.7617	202470.4988	2356374.0102
2288	229.7000	669072.8990	3029108.4618	202393.9058	2357422.6885
2289	229.8000	668331.1753	3027901.1158	202317.3026	2358470.9700
2290	229.9000	667590.2739	3026693.7245	202240.6892	2359518.8546
2291	230.0000	666850.1938	3025486.2889	202164.0658	2360566.3423
2292	230.1000	666110.9342	3024278.8100	202087.4323	2361613.4331
2293	230.2000	665372.4941	3023071.2887	202010.7889	2362660.1268
2294	230.3000	664634.8727	3021863.7259	201934.1357	2363706.4234
2295	230.4000	663898.0689	3020656.1225	201857.4726	2364752.3230
2296	230.5000	663162.0820	3019448.4795	201780.7999	2365797.8253
2297	230.6000	662426.9110	3018240.7979	201704.1175	2366842.9305
2298	230.7000	661692.5549	3017033.0785	201627.4255	2367887.6383
2299	230.8000	660959.0130	3015825.3222	201550.7241	2368931.9489
2300	230.9000	660226.2843	3014617.5301	201474.0132	2369975.8621
2301	231.0000	659494.3678	3013409.7030	201397.2929	2371019.3778
2302	231.1000	658763.2627	3012201.8418	201320.5634	2372062.4961
2303	231.2000	658032.9682	3010993.9475	201243.8247	2373105.2169
2304	231.3000	657303.4832	3009786.0210	201167.0768	2374147.5402
2305	231.4000	656574.8069	3008578.0632	201090.3198	2375189.4658
2306	231.5000	655846.9384	3007370.0750	201013.5538	2376230.9938
2307	231.6000	655119.8769	3006162.0574	200936.7789	2377272.1240
2308	231.7000	654393.6213	3004954.0112	200859.9951	2378312.8565
2309	231.8000	653668.1708	3003745.9374	200783.2026	2379353.1913

2310	231.9000	652943.5246	3002537.8368	200706.4013	2380393.1281
2311	232.0000	652219.6817	3001329.7104	200629.5914	2381432.6672
2312	232.1000	651496.6412	3000121.5591	200552.7728	2382471.8082
2313	232.2000	650774.4023	2998913.3839	200475.9458	2383510.5513
2314	232.3000	650052.9641	2997705.1855	200399.1103	2384548.8964
2315	232.4000	649332.3256	2996496.9649	200322.2665	2385586.8434
2316	232.5000	648612.4860	2995288.7229	200245.4144	2386624.3924
2317	232.6000	647893.4445	2994080.4606	200168.5540	2387661.5431
2318	232.7000	647175.2000	2992872.1788	200091.6854	2388698.2957
2319	232.8000	646457.7518	2991663.8784	200014.8088	2389734.6501
2320	232.9000	645741.0989	2990455.5603	199937.9241	2390770.6062
2321	233.0000	645025.2405	2989247.2253	199861.0315	2391806.1640
2322	233.1000	644310.1757	2988038.8745	199784.1310	2392841.3234
2323	233.2000	643595.9036	2986830.5085	199707.2226	2393876.0844
2324	233.3000	642882.4233	2985622.1285	199630.3066	2394910.4470
2325	233.4000	642169.7340	2984413.7351	199553.3828	2395944.4111
2326	233.5000	641457.8347	2983205.3294	199476.4514	2396977.9767
2327	233.6000	640746.7247	2981996.9122	199399.5125	2398011.1437
2328	233.7000	640036.4030	2980788.4843	199322.5661	2399043.9122
2329	233.8000	639326.8687	2979580.0468	199245.6122	2400076.2820
2330	233.9000	638618.1210	2978371.6004	199168.6511	2401108.2532
2331	234.0000	637910.1590	2977163.1460	199091.6826	2402139.8256
2332	234.1000	637202.9819	2975954.6845	199014.7070	2403170.9993
2333	234.2000	636496.5887	2974746.2167	198937.7242	2404201.7742
2334	234.3000	635790.9786	2973537.7436	198860.7343	2405232.1503

2335	234.4000	635086.1508	2972329.2661	198783.7375	2406262.1275
2336	234.5000	634382.1043	2971120.7849	198706.7337	2407291.7059
2337	234.6000	633678.8383	2969912.3010	198629.7230	2408320.8853
2338	234.7000	632976.3519	2968703.8152	198552.7055	2409349.6657
2339	234.8000	632274.6443	2967495.3283	198475.6813	2410378.0472
2340	234.9000	631573.7146	2966286.8414	198398.6504	2411406.0296
2341	235.0000	630873.5619	2965078.3551	198321.6129	2412433.6130
2342	235.1000	630174.1854	2963869.8704	198244.5689	2413460.7972
2343	235.2000	629475.5842	2962661.3882	198167.5184	2414487.5823
2344	235.3000	628777.7575	2961452.9092	198090.4615	2415513.9683
2345	235.4000	628080.7044	2960244.4344	198013.3982	2416539.9550
2346	235.5000	627384.4241	2959035.9646	197936.3287	2417565.5426
2347	235.6000	626688.9156	2957827.5006	197859.2530	2418590.7308
2348	235.7000	625994.1781	2956619.0434	197782.1712	2419615.5197
2349	235.8000	625300.2108	2955410.5937	197705.0832	2420639.9094
2350	235.9000	624607.0129	2954202.1524	197627.9893	2421663.8996
2351	236.0000	623914.5834	2952993.7203	197550.8894	2422687.4905
2352	236.1000	623222.9215	2951785.2984	197473.7836	2423710.6819
2353	236.2000	622532.0264	2950576.8874	197396.6720	2424733.4739
2354	236.3000	621841.8972	2949368.4882	197319.5547	2425755.8664
2355	236.4000	621152.5331	2948160.1016	197242.4317	2426777.8594
2356	236.5000	620463.9332	2946951.7284	197165.3031	2427799.4529
2357	236.6000	619776.0967	2945743.3696	197088.1689	2428820.6467
2358	236.7000	619089.0226	2944535.0259	197011.0292	2429841.4410
2359	236.8000	618402.7103	2943326.6982	196933.8841	2430861.8357

2360	236.9000	617717.1588	2942118.3873	196856.7337	2431881.8307
2361	237.0000	617032.3673	2940910.0940	196779.5779	2432901.4260
2362	237.1000	616348.3349	2939701.8193	196702.4169	2433920.6216
2363	237.2000	615665.0609	2938493.5638	196625.2508	2434939.4174
2364	237.3000	614982.5443	2937285.3284	196548.0795	2435957.8135
2365	237.4000	614300.7844	2936077.1140	196470.9033	2436975.8098
2366	237.5000	613619.7802	2934868.9214	196393.7220	2437993.4063
2367	237.6000	612939.5310	2933660.7514	196316.5358	2439010.6030
2368	237.7000	612260.0359	2932452.6048	196239.3448	2440027.3997
2369	237.8000	611581.2941	2931244.4824	196162.1490	2441043.7966
2370	237.9000	610903.3047	2930036.3852	196084.9485	2442059.7936
2371	238.0000	610226.0669	2928828.3138	196007.7433	2443075.3906
2372	238.1000	609549.5799	2927620.2691	195930.5335	2444090.5877
2373	238.2000	608873.8428	2926412.2519	195853.3192	2445105.3848
2374	238.3000	608198.8549	2925204.2631	195776.1005	2446119.7818
2375	238.4000	607524.6152	2923996.3034	195698.8773	2447133.7789
2376	238.5000	606851.1230	2922788.3736	195621.6498	2448147.3758
2377	238.6000	606178.3774	2921580.4746	195544.4180	2449160.5727
2378	238.7000	605506.3776	2920372.6072	195467.1820	2450173.3695
2379	238.8000	604835.1228	2919164.7722	195389.9418	2451185.7662
2380	238.9000	604164.6121	2917956.9703	195312.6976	2452197.7627
2381	239.0000	603494.8448	2916749.2024	195235.4493	2453209.3591
2382	239.1000	602825.8199	2915541.4693	195158.1970	2454220.5552
2383	239.2000	602157.5367	2914333.7718	195080.9409	2455231.3512
2384	239.3000	601489.9943	2913126.1107	195003.6809	2456241.7469

2385	239.4000	600823.1920	2911918.4867	194926.4171	2457251.7424
2386	239.5000	600157.1289	2910710.9008	194849.1496	2458261.3376
2387	239.6000	599491.8041	2909503.3536	194771.8784	2459270.5326
2388	239.7000	598827.2170	2908295.8459	194694.6037	2460279.3272
2389	239.8000	598163.3666	2907088.3787	194617.3254	2461287.7215
2390	239.9000	597500.2521	2905880.9525	194540.0436	2462295.7155
2391	240.0000	596837.8727	2904673.5683	194462.7585	2463303.3091
2392	240.1000	596176.2277	2903466.2269	194385.4699	2464310.5023
2393	240.2000	595515.3161	2902258.9289	194308.1781	2465317.2951
2394	240.3000	594855.1372	2901051.6753	194230.8831	2466323.6876
2395	240.4000	594195.6902	2899844.4667	194153.5849	2467329.6796
2396	240.5000	593536.9742	2898637.3040	194076.2835	2468335.2711
2397	240.6000	592878.9885	2897430.1879	193998.9792	2469340.4622
2398	240.7000	592221.7322	2896223.1193	193921.6718	2470345.2529
2399	240.8000	591565.2045	2895016.0988	193844.3615	2471349.6430
2400	240.9000	590909.4046	2893809.1273	193767.0484	2472353.6326
2401	241.0000	590254.3318	2892602.2056	193689.7324	2473357.2217
2402	241.1000	589599.9851	2891395.3344	193612.4137	2474360.4103
2403	241.2000	588946.3639	2890188.5145	193535.0923	2475363.1983
2404	241.3000	588293.4672	2888981.7467	193457.7683	2476365.5858
2405	241.4000	587641.2944	2887775.0317	193380.4417	2477367.5727
2406	241.5000	586989.8445	2886568.3703	193303.1126	2478369.1590
2407	241.6000	586339.1168	2885361.7633	193225.7811	2479370.3447
2408	241.7000	585689.1105	2884155.2114	193148.4472	2480371.1297
2409	241.8000	585039.8248	2882948.7155	193071.1109	2481371.5142

2410	241.9000	584391.2588	2881742.2762	192993.7724	2482371.4980
2411	242.0000	583743.4119	2880535.8943	192916.4317	2483371.0812
2412	242.1000	583096.2832	2879329.5706	192839.0888	2484370.2637
2413	242.2000	582449.8718	2878123.3058	192761.7438	2485369.0455
2414	242.3000	581804.1771	2876917.1008	192684.3968	2486367.4267
2415	242.4000	581159.1981	2875710.9562	192607.0478	2487365.4071
2416	242.5000	580514.9342	2874504.8728	192529.6969	2488362.9869
2417	242.6000	579871.3845	2873298.8514	192452.3442	2489360.1659
2418	242.7000	579228.5482	2872092.8927	192374.9896	2490356.9443
2419	242.8000	578586.4246	2870886.9974	192297.6333	2491353.3218
2420	242.9000	577945.0128	2869681.1664	192220.2753	2492349.2987
2421	243.0000	577304.3120	2868475.4004	192142.9157	2493344.8748
2422	243.1000	576664.3216	2867269.7000	192065.5546	2494340.0501
2423	243.2000	576025.0406	2866064.0661	191988.1919	2495334.8247
2424	243.3000	575386.4683	2864858.4994	191910.8277	2496329.1985
2425	243.4000	574748.6040	2863653.0007	191833.4622	2497323.1715
2426	243.5000	574111.4467	2862447.5706	191756.0954	2498316.7438
2427	243.6000	573474.9958	2861242.2099	191678.7272	2499309.9152
2428	243.7000	572839.2505	2860036.9194	191601.3579	2500302.6859
2429	243.8000	572204.2099	2858831.6998	191523.9873	2501295.0557
2430	243.9000	571569.8733	2857626.5519	191446.6157	2502287.0247
2431	244.0000	570936.2400	2856421.4763	191369.2430	2503278.5929
2432	244.1000	570303.3091	2855216.4737	191291.8694	2504269.7603
2433	244.2000	569671.0798	2854011.5451	191214.4948	2505260.5269
2434	244.3000	569039.5514	2852806.6909	191137.1193	2506250.8926

2435	244.4000	568408.7232	2851601.9121	191059.7430	2507240.8575
2436	244.5000	567778.5942	2850397.2093	190982.3659	2508230.4215
2437	244.6000	567149.1638	2849192.5832	190904.9882	2509219.5847
2438	244.7000	566520.4312	2847988.0346	190827.6097	2510208.3470
2439	244.8000	565892.3956	2846783.5641	190750.2307	2511196.7085
2440	244.9000	565265.0562	2845579.1726	190672.8512	2512184.6692
2441	245.0000	564638.4122	2844374.8608	190595.4711	2513172.2289
2442	245.1000	564012.4630	2843170.6292	190518.0906	2514159.3879
2443	245.2000	563387.2077	2841966.4788	190440.7098	2515146.1459
2444	245.3000	562762.6455	2840762.4101	190363.3287	2516132.5031
2445	245.4000	562138.7757	2839558.4239	190285.9472	2517118.4594
2446	245.5000	561515.5975	2838354.5210	190208.5656	2518104.0149
2447	245.6000	560893.1102	2837150.7019	190131.1839	2519089.1695
2448	245.7000	560271.3129	2835946.9675	190053.8020	2520073.9232
2449	245.8000	559650.2050	2834743.3185	189976.4201	2521058.2761
2450	245.9000	559029.7856	2833539.7555	189899.0382	2522042.2281
2451	246.0000	558410.0540	2832336.2793	189821.6564	2523025.7792
2452	246.1000	557791.0094	2831132.8906	189744.2747	2524008.9294
2453	246.2000	557172.6510	2829929.5901	189666.8932	2524991.6788
2454	246.3000	556554.9782	2828726.3784	189589.5120	2525974.0273
2455	246.4000	555937.9902	2827523.2563	189512.1310	2526955.9750
2456	246.5000	555321.6861	2826320.2245	189434.7504	2527937.5218
2457	246.6000	554706.0652	2825117.2837	189357.3702	2528918.6677
2458	246.7000	554091.1268	2823914.4346	189279.9904	2529899.4128
2459	246.8000	553476.8701	2822711.6778	189202.6112	2530879.7570

2460	246.9000	552863.2944	2821509.0142	189125.2325	2531859.7004
2461	247.0000	552250.3988	2820306.4443	189047.8544	2532839.2429
2462	247.1000	551638.1827	2819103.9689	188970.4770	2533818.3845
2463	247.2000	551026.6454	2817901.5886	188893.1004	2534797.1253
2464	247.3000	550415.7859	2816699.3042	188815.7245	2535775.4653
2465	247.4000	549805.6036	2815497.1163	188738.3494	2536753.4045
2466	247.5000	549196.0978	2814295.0257	188660.9753	2537730.9428
2467	247.6000	548587.2677	2813093.0330	188583.6021	2538708.0803
2468	247.7000	547979.1125	2811891.1388	188506.2298	2539684.8169
2469	247.8000	547371.6315	2810689.3440	188428.8587	2540661.1528
2470	247.9000	546764.8239	2809487.6491	188351.4886	2541637.0878
2471	248.0000	546158.6890	2808286.0549	188274.1197	2542612.6221
2472	248.1000	545553.2261	2807084.5620	188196.7520	2543587.7555
2473	248.2000	544948.4344	2805883.1712	188119.3856	2544562.4881
2474	248.3000	544344.3132	2804681.8830	188042.0204	2545536.8200
2475	248.4000	543740.8616	2803480.6982	187964.6567	2546510.7511
2476	248.5000	543138.0791	2802279.6174	187887.2943	2547484.2814
2477	248.6000	542535.9648	2801078.6413	187809.9335	2548457.4109
2478	248.7000	541934.5180	2799877.7706	187732.5741	2549430.1397
2479	248.8000	541333.7379	2798677.0060	187655.2164	2550402.4678
2480	248.9000	540733.6238	2797476.3482	187577.8602	2551374.3951
2481	249.0000	540134.1751	2796275.7977	187500.5058	2552345.9217
2482	249.1000	539535.3908	2795075.3553	187423.1531	2553317.0475
2483	249.2000	538937.2704	2793875.0216	187345.8022	2554287.7726
2484	249.3000	538339.8131	2792674.7974	187268.4531	2555258.0971

2485	249.4000	537743.0180	2791474.6832	187191.1059	2556228.0208
2486	249.5000	537146.8846	2790274.6797	187113.7607	2557197.5439
2487	249.6000	536551.4120	2789074.7876	187036.4174	2558166.6663
2488	249.7000	535956.5996	2787875.0076	186959.0762	2559135.3880
2489	249.8000	535362.4465	2786675.3403	186881.7371	2560103.7090
2490	249.9000	534768.9522	2785475.7864	186804.4002	2561071.6295
2491	250.0000	534176.1157	2784276.3465	186727.0654	2562039.1493
2492	250.1000	533583.9365	2783077.0212	186649.7329	2563006.2684
2493	250.2000	532992.4138	2781877.8113	186572.4027	2563972.9870
2494	250.3000	532401.5468	2780678.7174	186495.0749	2564939.3050
2495	250.4000	531811.3348	2779479.7402	186417.7494	2565905.2224
2496	250.5000	531221.7772	2778280.8802	186340.4265	2566870.7392
2497	250.6000	530632.8731	2777082.1382	186263.1060	2567835.8555
2498	250.7000	530044.6218	2775883.5148	186185.7881	2568800.5712
2499	250.8000	529457.0227	2774685.0106	186108.4728	2569764.8864
2500	250.9000	528870.0750	2773486.6263	186031.1601	2570728.8011
2501	251.0000	528283.7780	2772288.3626	185953.8502	2571692.3152
2502	251.1000	527698.1309	2771090.2200	185876.5430	2572655.4289
2503	251.2000	527113.1331	2769892.1992	185799.2387	2573618.1421
2504	251.3000	526528.7838	2768694.3009	185721.9372	2574580.4549
2505	251.4000	525945.0823	2767496.5257	185644.6386	2575542.3672
2506	251.5000	525362.0278	2766298.8742	185567.3430	2576503.8791
2507	251.6000	524779.6198	2765101.3471	185490.0503	2577464.9905
2508	251.7000	524197.8574	2763903.9450	185412.7608	2578425.7016
2509	251.8000	523616.7399	2762706.6685	185335.4744	2579386.0123

2510	251.9000	523036.2666	2761509.5183	185258.1911	2580345.9226
2511	252.0000	522456.4368	2760312.4951	185180.9110	2581305.4325
2512	252.1000	521877.2499	2759115.5993	185103.6342	2582264.5422
2513	252.2000	521298.7050	2757918.8318	185026.3607	2583223.2515
2514	252.3000	520720.8015	2756722.1931	184949.0905	2584181.5605
2515	252.4000	520143.5386	2755525.6837	184871.8238	2585139.4692
2516	252.5000	519566.9156	2754329.3045	184794.5605	2586096.9777
2517	252.6000	518990.9320	2753133.0559	184717.3008	2587054.0859
2518	252.7000	518415.5868	2751936.9386	184640.0445	2588010.7940
2519	252.8000	517840.8794	2750740.9533	184562.7919	2588967.1017
2520	252.9000	517266.8092	2749545.1005	184485.5430	2589923.0094
2521	253.0000	516693.3754	2748349.3809	184408.2977	2590878.5168
2522	253.1000	516120.5772	2747153.7951	184331.0562	2591833.6241
2523	253.2000	515548.4141	2745958.3437	184253.8185	2592788.3312
2524	253.3000	514976.8853	2744763.0273	184176.5846	2593742.6383
2525	253.4000	514405.9900	2743567.8466	184099.3546	2594696.5452
2526	253.5000	513835.7276	2742372.8021	184022.1286	2595650.0521
2527	253.6000	513266.0974	2741177.8945	183944.9066	2596603.1589
2528	253.7000	512697.0987	2739983.1244	183867.6886	2597555.8657
2529	253.8000	512128.7308	2738788.4923	183790.4747	2598508.1725
2530	253.9000	511560.9930	2737593.9990	183713.2649	2599460.0793
2531	254.0000	510993.8845	2736399.6450	183636.0593	2600411.5861
2532	254.1000	510427.4048	2735205.4310	183558.8580	2601362.6930
2533	254.2000	509861.5530	2734011.3574	183481.6609	2602313.4000
2534	254.3000	509296.3285	2732817.4250	183404.4681	2603263.7070

2535	254.4000	508731.7306	2731623.6343	183327.2798	2604213.6142
2536	254.5000	508167.7586	2730429.9860	183250.0958	2605163.1216
2537	254.6000	507604.4119	2729236.4806	183172.9163	2606112.2291
2538	254.7000	507041.6896	2728043.1188	183095.7413	2607060.9367
2539	254.8000	506479.5912	2726849.9011	183018.5709	2608009.2447
2540	254.9000	505918.1159	2725656.8282	182941.4051	2608957.1528
2541	255.0000	505357.2631	2724463.9006	182864.2440	2609904.6612
2542	255.1000	504797.0320	2723271.1189	182787.0875	2610851.7699
2543	255.2000	504237.4219	2722078.4838	182709.9359	2611798.4789
2544	255.3000	503678.4323	2720885.9958	182632.7890	2612744.7883
2545	255.4000	503120.0623	2719693.6555	182555.6469	2613690.6980
2546	255.5000	502562.3113	2718501.4636	182478.5098	2614636.2081
2547	255.6000	502005.1787	2717309.4205	182401.3775	2615581.3186
2548	255.7000	501448.6636	2716117.5269	182324.2503	2616526.0295
2549	255.8000	500892.7656	2714925.7835	182247.1281	2617470.3409
2550	255.9000	500337.4837	2713734.1906	182170.0110	2618414.2528
2551	256.0000	499782.8175	2712542.7491	182092.8990	2619357.7652
2552	256.1000	499228.7661	2711351.4593	182015.7921	2620300.8782
2553	256.2000	498675.3290	2710160.3220	181938.6905	2621243.5917
2554	256.3000	498122.5054	2708969.3377	181861.5941	2622185.9058
2555	256.4000	497570.2946	2707778.5070	181784.5031	2623127.8206
2556	256.5000	497018.6960	2706587.8305	181707.4173	2624069.3360
2557	256.6000	496467.7089	2705397.3087	181630.3370	2625010.4520
2558	256.7000	495917.3327	2704206.9422	181553.2622	2625951.1688
2559	256.8000	495367.5665	2703016.7317	181476.1928	2626891.4863

2560	256.9000	494818.4098	2701826.6776	181399.1289	2627831.4046
2561	257.0000	494269.8620	2700636.7805	181322.0706	2628770.9237
2562	257.1000	493721.9222	2699447.0411	181245.0180	2629710.0436
2563	257.2000	493174.5898	2698257.4599	181167.9710	2630648.7643
2564	257.3000	492627.8643	2697068.0374	181090.9297	2631587.0860
2565	257.4000	492081.7448	2695878.7743	181013.8942	2632525.0085
2566	257.5000	491536.2307	2694689.6711	180936.8645	2633462.5320
2567	257.6000	490991.3214	2693500.7284	180859.8407	2634399.6565
2568	257.7000	490447.0162	2692311.9467	180782.8227	2635336.3819
2569	257.8000	489903.3143	2691123.3267	180705.8107	2636272.7084
2570	257.9000	489360.2152	2689934.8688	180628.8046	2637208.6360
2571	258.0000	488817.7182	2688746.5736	180551.8046	2638144.1646
2572	258.1000	488275.8226	2687558.4418	180474.8107	2639079.2944
2573	258.2000	487734.5277	2686370.4738	180397.8228	2640014.0253
2574	258.3000	487193.8329	2685182.6702	180320.8412	2640948.3574
2575	258.4000	486653.7375	2683995.0316	180243.8657	2641882.2908
2576	258.5000	486114.2408	2682807.5586	180166.8965	2642815.8253
2577	258.6000	485575.3422	2681620.2516	180089.9336	2643748.9612
2578	258.7000	485037.0411	2680433.1113	180012.9770	2644681.6984
2579	258.8000	484499.3367	2679246.1383	179936.0267	2645614.0370
2580	258.9000	483962.2283	2678059.3329	179859.0830	2646545.9769
2581	259.0000	483425.7154	2676872.6959	179782.1456	2647477.5182
2582	259.1000	482889.7973	2675686.2278	179705.2148	2648408.6610
2583	259.2000	482354.4733	2674499.9291	179628.2906	2649339.4053
2584	259.3000	481819.7427	2673313.8003	179551.3729	2650269.7511

2585	259.4000	481285.6049	2672127.8420	179474.4619	2651199.6985
2586	259.5000	480752.0593	2670942.0549	179397.5575	2652129.2474
2587	259.6000	480219.1052	2669756.4393	179320.6599	2653058.3980
2588	259.7000	479686.7418	2668570.9958	179243.7691	2653987.1502
2589	259.8000	479154.9687	2667385.7251	179166.8850	2654915.5041
2590	259.9000	478623.7850	2666200.6276	179090.0079	2655843.4598
2591	260.0000	478093.1902	2665015.7039	179013.1376	2656771.0172
2592	260.1000	477563.1837	2663830.9545	178936.2742	2657698.1764
2593	260.2000	477033.7646	2662646.3800	178859.4179	2658624.9374
2594	260.3000	476504.9325	2661461.9809	178782.5686	2659551.3003
2595	260.4000	475976.6867	2660277.7577	178705.7263	2660477.2652
2596	260.5000	475449.0264	2659093.7110	178628.8912	2661402.8319
2597	260.6000	474921.9511	2657909.8413	178552.0632	2662328.0007
2598	260.7000	474395.4601	2656726.1491	178475.2424	2663252.7714
2599	260.8000	473869.5528	2655542.6350	178398.4288	2664177.1443
2600	260.9000	473344.2285	2654359.2996	178321.6225	2665101.1192
2601	261.0000	472819.4865	2653176.1432	178244.8236	2666024.6963
2602	261.1000	472295.3263	2651993.1666	178168.0320	2666947.8755
2603	261.2000	471771.7472	2650810.3701	178091.2478	2667870.6569
2604	261.3000	471248.7484	2649627.7544	178014.4711	2668793.0406
2605	261.4000	470726.3295	2648445.3199	177937.7018	2669715.0266
2606	261.5000	470204.4897	2647263.0672	177860.9401	2670636.6148
2607	261.6000	469683.2284	2646080.9968	177784.1859	2671557.8055
2608	261.7000	469162.5450	2644899.1093	177707.4394	2672478.5986
2609	261.8000	468642.4388	2643717.4051	177630.7005	2673398.9941

2610	261.9000	468122.9092	2642535.8848	177553.9694	2674318.9920
2611	262.0000	467603.9555	2641354.5488	177477.2459	2675238.5925
2612	262.1000	467085.5771	2640173.3978	177400.5303	2676157.7956
2613	262.2000	466567.7734	2638992.4322	177323.8224	2677076.6013
2614	262.3000	466050.5437	2637811.6526	177247.1224	2677995.0096
2615	262.4000	465533.8874	2636631.0594	177170.4304	2678913.0206
2616	262.5000	465017.8039	2635450.6532	177093.7462	2679830.6343
2617	262.6000	464502.2925	2634270.4346	177017.0701	2680747.8508
2618	262.7000	463987.3526	2633090.4039	176940.4020	2681664.6701
2619	262.8000	463472.9835	2631910.5617	176863.7419	2682581.0922
2620	262.9000	462959.1847	2630730.9086	176787.0900	2683497.1173
2621	263.0000	462445.9554	2629551.4451	176710.4462	2684412.7453
2622	263.1000	461933.2951	2628372.1715	176633.8105	2685327.9762
2623	263.2000	461421.2032	2627193.0886	176557.1831	2686242.8102
2624	263.3000	460909.6789	2626014.1967	176480.5640	2687157.2472
2625	263.4000	460398.7217	2624835.4964	176403.9532	2688071.2873
2626	263.5000	459888.3309	2623656.9882	176327.3507	2688984.9306
2627	263.6000	459378.5060	2622478.6725	176250.7567	2689898.1771
2628	263.7000	458869.2462	2621300.5500	176174.1710	2690811.0268
2629	263.8000	458360.5510	2620122.6210	176097.5938	2691723.4798
2630	263.9000	457852.4197	2618944.8861	176021.0251	2692635.5361
2631	264.0000	457344.8517	2617767.3459	175944.4650	2693547.1958
2632	264.1000	456837.8464	2616590.0007	175867.9135	2694458.4588
2633	264.2000	456331.4032	2615412.8511	175791.3706	2695369.3254
2634	264.3000	455825.5214	2614235.8976	175714.8363	2696279.7954

2635	264.4000	455320.2004	2613059.1406	175638.3108	2697189.8690
2636	264.5000	454815.4396	2611882.5808	175561.7939	2698099.5462
2637	264.6000	454311.2384	2610706.2185	175485.2859	2699008.8270
2638	264.7000	453807.5961	2609530.0543	175408.7867	2699917.7115
2639	264.8000	453304.5121	2608354.0886	175332.2964	2700826.1997
2640	264.9000	452801.9859	2607178.3220	175255.8150	2701734.2917
2641	265.0000	452300.0168	2606002.7549	175179.3425	2702641.9875
2642	265.1000	451798.6041	2604827.3879	175102.8790	2703549.2872
2643	265.2000	451297.7473	2603652.2213	175026.4245	2704456.1908
2644	265.3000	450797.4457	2602477.2558	174949.9790	2705362.6983
2645	265.4000	450297.6988	2601302.4918	174873.5427	2706268.8099
2646	265.5000	449798.5058	2600127.9297	174797.1155	2707174.5255
2647	265.6000	449299.8663	2598953.5701	174720.6974	2708079.8452
2648	265.7000	448801.7796	2597779.4134	174644.2886	2708984.7690
2649	265.8000	448304.2450	2596605.4601	174567.8890	2709889.2971
2650	265.9000	447807.2620	2595431.7108	174491.4987	2710793.4294
2651	266.0000	447310.8299	2594258.1658	174415.1178	2711697.1660
2652	266.1000	446814.9481	2593084.8257	174338.7462	2712600.5069
2653	266.2000	446319.6161	2591911.6909	174262.3840	2713503.4522
2654	266.3000	445824.8332	2590738.7619	174186.0312	2714406.0020
2655	266.4000	445330.5989	2589566.0393	174109.6879	2715308.1562
2656	266.5000	444836.9124	2588393.5234	174033.3541	2716209.9150
2657	266.6000	444343.7732	2587221.2147	173957.0299	2717111.2783
2658	266.7000	443851.1807	2586049.1138	173880.7153	2718012.2463
2659	266.8000	443359.1343	2584877.2210	173804.4103	2718912.8190

2660	266.9000	442867.6333	2583705.5370	173728.1150	2719812.9964
2661	267.0000	442376.6772	2582534.0620	173651.8294	2720712.7787
2662	267.1000	441886.2654	2581362.7966	173575.5535	2721612.1657
2663	267.2000	441396.3973	2580191.7413	173499.2874	2722511.1576
2664	267.3000	440907.0722	2579020.8966	173423.0311	2723409.7545
2665	267.4000	440418.2896	2577850.2628	173346.7846	2724307.9563
2666	267.5000	439930.0488	2576679.8405	173270.5481	2725205.7632
2667	267.6000	439442.3493	2575509.6301	173194.3215	2726103.1752
2668	267.7000	438955.1904	2574339.6322	173118.1048	2727000.1923
2669	267.8000	438468.5716	2573169.8471	173041.8982	2727896.8147
2670	267.9000	437982.4923	2572000.2753	172965.7015	2728793.0422
2671	268.0000	437496.9518	2570830.9172	172889.5150	2729688.8751
2672	268.1000	437011.9495	2569661.7735	172813.3386	2730584.3133
2673	268.2000	436527.4850	2568492.8444	172737.1723	2731479.3569
2674	268.3000	436043.5575	2567324.1304	172661.0162	2732374.0060
2675	268.4000	435560.1665	2566155.6321	172584.8703	2733268.2606
2676	268.5000	435077.3113	2564987.3499	172508.7347	2734162.1207
2677	268.6000	434594.9915	2563819.2841	172432.6094	2735055.5864
2678	268.7000	434113.2063	2562651.4354	172356.4944	2735948.6579
2679	268.8000	433631.9553	2561483.8041	172280.3897	2736841.3350
2680	268.9000	433151.2377	2560316.3906	172204.2955	2737733.6179
2681	269.0000	432671.0531	2559149.1955	172128.2117	2738625.5067
2682	269.1000	432191.4008	2557982.2192	172052.1384	2739517.0013
2683	269.2000	431712.2802	2556815.4621	171976.0756	2740408.1019
2684	269.3000	431233.6908	2555648.9246	171900.0233	2741298.8084

2685	269.4000	430755.6319	2554482.6074	171823.9817	2742189.1210
2686	269.5000	430278.1030	2553316.5106	171747.9506	2743079.0397
2687	269.6000	429801.1035	2552150.6349	171671.9302	2743968.5646
2688	269.7000	429324.6328	2550984.9807	171595.9205	2744857.6957
2689	269.8000	428848.6902	2549819.5484	171519.9215	2745746.4330
2690	269.9000	428373.2753	2548654.3384	171443.9333	2746634.7767
2691	270.0000	427898.3875	2547489.3512	171367.9558	2747522.7267
2692	270.1000	427424.0261	2546324.5872	171291.9892	2748410.2832
2693	270.2000	426950.1905	2545160.0469	171216.0335	2749297.4462
2694	270.3000	426476.8803	2543995.7308	171140.0886	2750184.2157
2695	270.4000	426004.0947	2542831.6391	171064.1547	2751070.5918
2696	270.5000	425531.8333	2541667.7725	170988.2318	2751956.5746
2697	270.6000	425060.0954	2540504.1313	170912.3198	2752842.1641
2698	270.7000	424588.8805	2539340.7159	170836.4190	2753727.3604
2699	270.8000	424118.1880	2538177.5268	170760.5291	2754612.1635
2700	270.9000	423648.0172	2537014.5645	170684.6504	2755496.5735
2701	271.0000	423178.3677	2535851.8293	170608.7829	2756380.5904
2702	271.1000	422709.2388	2534689.3217	170532.9265	2757264.2144
2703	271.2000	422240.6300	2533527.0421	170457.0813	2758147.4454
2704	271.3000	421772.5407	2532364.9910	170381.2474	2759030.2835
2705	271.4000	421304.9703	2531203.1687	170305.4248	2759912.7288
2706	271.5000	420837.9183	2530041.5757	170229.6135	2760794.7814
2707	271.6000	420371.3840	2528880.2125	170153.8135	2761676.4412
2708	271.7000	419905.3669	2527719.0794	170078.0249	2762557.7084
2709	271.8000	419439.8664	2526558.1770	170002.2478	2763438.5830

2710	271.9000	418974.8820	2525397.5055	169926.4820	2764319.0651
2711	272.0000	418510.4131	2524237.0654	169850.7278	2765199.1548
2712	272.1000	418046.4590	2523076.8572	169774.9851	2766078.8520
2713	272.2000	417583.0193	2521916.8813	169699.2540	2766958.1569
2714	272.3000	417120.0934	2520757.1381	169623.5344	2767837.0694
2715	272.4000	416657.6806	2519597.6280	169547.8265	2768715.5898
2716	272.5000	416195.7805	2518438.3514	169472.1302	2769593.7180
2717	272.6000	415734.3924	2517279.3088	169396.4456	2770471.4541
2718	272.7000	415273.5158	2516120.5005	169320.7728	2771348.7981
2719	272.8000	414813.1501	2514961.9270	169245.1117	2772225.7502
2720	272.9000	414353.2948	2513803.5887	169169.4624	2773102.3103
2721	273.0000	413893.9493	2512645.4861	169093.8249	2773978.4786
2722	273.1000	413435.1129	2511487.6194	169018.1992	2774854.2550
2723	273.2000	412976.7853	2510329.9893	168942.5855	2775729.6398
2724	273.3000	412518.9657	2509172.5959	168866.9837	2776604.6328
2725	273.4000	412061.6537	2508015.4398	168791.3938	2777479.2343
2726	273.5000	411604.8487	2506858.5214	168715.8159	2778353.4441
2727	273.6000	411148.5500	2505701.8411	168640.2501	2779227.2625
2728	273.7000	410692.7572	2504545.3992	168564.6963	2780100.6895
2729	273.8000	410237.4697	2503389.1963	168489.1546	2780973.7251
2730	273.9000	409782.6869	2502233.2326	168413.6250	2781846.3694
2731	274.0000	409328.4083	2501077.5087	168338.1076	2782718.6224
2732	274.1000	408874.6333	2499922.0249	168262.6023	2783590.4843
2733	274.2000	408421.3613	2498766.7815	168187.1093	2784461.9550
2734	274.3000	407968.5918	2497611.7791	168111.6285	2785333.0347

2735	274.4000	407516.3242	2496457.0181	168036.1600	2786203.7235
2736	274.5000	407064.5581	2495302.4987	167960.7038	2787074.0212
2737	274.6000	406613.2927	2494148.2215	167885.2600	2787943.9282
2738	274.7000	406162.5276	2492994.1868	167809.8285	2788813.4443
2739	274.8000	405712.2623	2491840.3950	167734.4095	2789682.5697
2740	274.9000	405262.4960	2490686.8465	167659.0029	2790551.3044
2741	275.0000	404813.2284	2489533.5417	167583.6088	2791419.6485
2742	275.1000	404364.4589	2488380.4811	167508.2271	2792287.6021
2743	275.2000	403916.1868	2487227.6649	167432.8581	2793155.1652
2744	275.3000	403468.4117	2486075.0937	167357.5016	2794022.3380
2745	275.4000	403021.1330	2484922.7677	167282.1577	2794889.1203
2746	275.5000	402574.3501	2483770.6874	167206.8264	2795755.5124
2747	275.6000	402128.0625	2482618.8532	167131.5078	2796621.5143
2748	275.7000	401682.2697	2481467.2655	167056.2019	2797487.1260
2749	275.8000	401236.9710	2480315.9246	166980.9087	2798352.3476
2750	275.9000	400792.1661	2479164.8309	166905.6283	2799217.1793
2751	276.0000	400347.8542	2478013.9849	166830.3607	2800081.6209
2752	276.1000	399904.0349	2476863.3869	166755.1059	2800945.6727
2753	276.2000	399460.7075	2475713.0373	166679.8640	2801809.3347
2754	276.3000	399017.8717	2474562.9365	166604.6349	2802672.6069
2755	276.4000	398575.5268	2473413.0849	166529.4188	2803535.4895
2756	276.5000	398133.6722	2472263.4828	166454.2156	2804397.9824
2757	276.6000	397692.3075	2471114.1307	166379.0254	2805260.0858
2758	276.7000	397251.4321	2469965.0289	166303.8482	2806121.7997
2759	276.8000	396811.0454	2468816.1778	166228.6840	2806983.1242

2760	276.9000	396371.1469	2467667.5778	166153.5329	2807844.0593
2761	277.0000	395931.7361	2466519.2293	166078.3949	2808704.6052
2762	277.1000	395492.8125	2465371.1326	166003.2701	2809564.7618
2763	277.2000	395054.3754	2464223.2881	165928.1584	2810424.5293
2764	277.3000	394616.4243	2463075.6962	165853.0599	2811283.9078
2765	277.4000	394178.9588	2461928.3573	165777.9746	2812142.8972
2766	277.5000	393741.9782	2460781.2717	165702.9026	2813001.4977
2767	277.6000	393305.4820	2459634.4399	165627.8439	2813859.7093
2768	277.7000	392869.4698	2458487.8622	165552.7985	2814717.5322
2769	277.8000	392433.9409	2457341.5389	165477.7664	2815574.9663
2770	277.9000	391998.8948	2456195.4705	165402.7477	2816432.0117
2771	278.0000	391564.3310	2455049.6573	165327.7424	2817288.6685
2772	278.1000	391130.2489	2453904.0997	165252.7506	2818144.9369
2773	278.2000	390696.6481	2452758.7980	165177.7722	2819000.8167
2774	278.3000	390263.5280	2451613.7526	165102.8073	2819856.3082
2775	278.4000	389830.8880	2450468.9640	165027.8559	2820711.4114
2776	278.5000	389398.7276	2449324.4324	164952.9181	2821566.1263
2777	278.6000	388967.0463	2448180.1582	164877.9939	2822420.4531
2778	278.7000	388535.8436	2447036.1418	164803.0833	2823274.3917
2779	278.8000	388105.1189	2445892.3836	164728.1863	2824127.9424
2780	278.9000	387674.8716	2444748.8838	164653.3030	2824981.1050
2781	279.0000	387245.1014	2443605.6430	164578.4335	2825833.8798
2782	279.1000	386815.8076	2442462.6614	164503.5776	2826686.2668
2783	279.2000	386386.9897	2441319.9394	164428.7355	2827538.2660
2784	279.3000	385958.6471	2440177.4774	164353.9072	2828389.8775

2785	279.4000	385530.7795	2439035.2756	164279.0927	2829241.1014
2786	279.5000	385103.3861	2437893.3346	164204.2921	2830091.9378
2787	279.6000	384676.4666	2436751.6546	164129.5053	2830942.3868
2788	279.7000	384250.0203	2435610.2360	164054.7325	2831792.4483
2789	279.8000	383824.0468	2434469.0792	163979.9736	2832642.1226
2790	279.9000	383398.5455	2433328.1844	163905.2286	2833491.4095
2791	280.0000	382973.5159	2432187.5522	163830.4977	2834340.3094
2792	280.1000	382548.9575	2431047.1827	163755.7808	2835188.8221
2793	280.2000	382124.8698	2429907.0764	163681.0779	2836036.9478
2794	280.3000	381701.2522	2428767.2337	163606.3891	2836884.6865
2795	280.4000	381278.1042	2427627.6548	163531.7144	2837732.0384
2796	280.5000	380855.4253	2426488.3401	163457.0539	2838579.0034
2797	280.6000	380433.2150	2425349.2900	163382.4075	2839425.5817
2798	280.7000	380011.4727	2424210.5048	163307.7753	2840271.7734
2799	280.8000	379590.1980	2423071.9849	163233.1574	2841117.5784
2800	280.9000	379169.3902	2421933.7307	163158.5536	2841962.9970
2801	281.0000	378749.0490	2420795.7423	163083.9642	2842808.0291
2802	281.1000	378329.1738	2419658.0203	163009.3891	2843652.6749
2803	281.2000	377909.7641	2418520.5650	162934.8283	2844496.9343
2804	281.3000	377490.8192	2417383.3767	162860.2819	2845340.8075
2805	281.4000	377072.3389	2416246.4557	162785.7499	2846184.2946
2806	281.5000	376654.3224	2415109.8023	162711.2323	2847027.3957
2807	281.6000	376236.7694	2413973.4171	162636.7291	2847870.1107
2808	281.7000	375819.6792	2412837.3001	162562.2404	2848712.4398
2809	281.8000	375403.0515	2411701.4519	162487.7662	2849554.3831

2810	281.9000	374986.8855	2410565.8728	162413.3066	2850395.9406
2811	282.0000	374571.1810	2409430.5630	162338.8615	2851237.1124
2812	282.1000	374155.9373	2408295.5230	162264.4310	2852077.8986
2813	282.2000	373741.1539	2407160.7530	162190.0151	2852918.2993
2814	282.3000	373326.8304	2406026.2534	162115.6138	2853758.3145
2815	282.4000	372912.9661	2404892.0246	162041.2273	2854597.9443
2816	282.5000	372499.5607	2403758.0668	161966.8554	2855437.1887
2817	282.6000	372086.6135	2402624.3805	161892.4982	2856276.0480
2818	282.7000	371674.1242	2401490.9658	161818.1558	2857114.5221
2819	282.8000	371262.0921	2400357.8233	161743.8282	2857952.6111
2820	282.9000	370850.5168	2399224.9531	161669.5154	2858790.3151
2821	283.0000	370439.3978	2398092.3557	161595.2174	2859627.6341
2822	283.1000	370028.7345	2396960.0314	161520.9342	2860464.5683
2823	283.2000	369618.5265	2395827.9804	161446.6660	2861301.1178
2824	283.3000	369208.7732	2394696.2032	161372.4127	2862137.2825
2825	283.4000	368799.4742	2393564.7000	161298.1743	2862973.0626
2826	283.5000	368390.6289	2392433.4711	161223.9508	2863808.4582
2827	283.6000	367982.2368	2391302.5170	161149.7424	2864643.4693
2828	283.7000	367574.2975	2390171.8380	161075.5490	2865478.0960
2829	283.8000	367166.8105	2389041.4342	161001.3706	2866312.3384
2830	283.9000	366759.7751	2387911.3062	160927.2073	2867146.1965
2831	284.0000	366353.1910	2386781.4541	160853.0591	2867979.6705
2832	284.1000	365947.0576	2385651.8784	160778.9261	2868812.7605
2833	284.2000	365541.3745	2384522.5793	160704.8082	2869645.4664
2834	284.3000	365136.1411	2383393.5572	160630.7054	2870477.7884

2835	284.4000	364731.3569	2382264.8123	160556.6179	2871309.7266
2836	284.5000	364327.0215	2381136.3451	160482.5456	2872141.2810
2837	284.6000	363923.1343	2380008.1558	160408.4886	2872972.4517
2838	284.7000	363519.6949	2378880.2447	160334.4468	2873803.2388
2839	284.8000	363116.7026	2377752.6122	160260.4204	2874633.6424
2840	284.9000	362714.1572	2376625.2586	160186.4093	2875463.6625
2841	285.0000	362312.0580	2375498.1842	160112.4135	2876293.2993
2842	285.1000	361910.4046	2374371.3892	160038.4331	2877122.5528
2843	285.2000	361509.1964	2373244.8741	159964.4682	2877951.4231
2844	285.3000	361108.4330	2372118.6392	159890.5187	2878779.9102
2845	285.4000	360708.1139	2370992.6846	159816.5847	2879608.0143
2846	285.5000	360308.2385	2369867.0108	159742.6661	2880435.7355
2847	285.6000	359908.8065	2368741.6181	159668.7631	2881263.0737
2848	285.7000	359509.8173	2367616.5068	159594.8756	2882090.0291
2849	285.8000	359111.2704	2366491.6772	159521.0036	2882916.6019
2850	285.9000	358713.1653	2365367.1296	159447.1473	2883742.7919
2851	286.0000	358315.5015	2364242.8642	159373.3066	2884568.5994
2852	286.1000	357918.2786	2363118.8815	159299.4815	2885394.0245
2853	286.2000	357521.4960	2361995.1817	159225.6721	2886219.0671
2854	286.3000	357125.1533	2360871.7652	159151.8784	2887043.7274
2855	286.4000	356729.2500	2359748.6321	159078.1004	2887868.0054
2856	286.5000	356333.7856	2358625.7829	159004.3382	2888691.9013
2857	286.6000	355938.7596	2357503.2179	158930.5917	2889515.4152
2858	286.7000	355544.1715	2356380.9373	158856.8610	2890338.5470
2859	286.8000	355150.0208	2355258.9414	158783.1461	2891161.2969

2860	286.9000	354756.3071	2354137.2306	158709.4471	2891983.6650
2861	287.0000	354363.0298	2353015.8051	158635.7640	2892805.6513
2862	287.1000	353970.1886	2351894.6653	158562.0967	2893627.2560
2863	287.2000	353577.7828	2350773.8114	158488.4454	2894448.4791
2864	287.3000	353185.8121	2349653.2438	158414.8100	2895269.3207
2865	287.4000	352794.2758	2348532.9627	158341.1905	2896089.7809
2866	287.5000	352403.1737	2347412.9685	158267.5871	2896909.8597
2867	287.6000	352012.5051	2346293.2614	158193.9997	2897729.5573
2868	287.7000	351622.2695	2345173.8417	158120.4283	2898548.8737
2869	287.8000	351232.4666	2344054.7097	158046.8730	2899367.8090
2870	287.9000	350843.0959	2342935.8658	157973.3338	2900186.3633
2871	288.0000	350454.1567	2341817.3102	157899.8106	2901004.5367
2872	288.1000	350065.6488	2340699.0432	157826.3037	2901822.3293
2873	288.2000	349677.5715	2339581.0652	157752.8129	2902639.7411
2874	288.3000	349289.9245	2338463.3763	157679.3382	2903456.7722
2875	288.4000	348902.7072	2337345.9768	157605.8798	2904273.4228
2876	288.5000	348515.9191	2336228.8672	157532.4376	2905089.6928
2877	288.6000	348129.5599	2335112.0476	157459.0117	2905905.5824
2878	288.7000	347743.6289	2333995.5184	157385.6021	2906721.0917
2879	288.8000	347358.1258	2332879.2798	157312.2087	2907536.2208
2880	288.9000	346973.0501	2331763.3322	157238.8317	2908350.9697
2881	289.0000	346588.4012	2330647.6757	157165.4711	2909165.3385
2882	289.1000	346204.1788	2329532.3108	157092.1268	2909979.3273
2883	289.2000	345820.3823	2328417.2376	157018.7989	2910792.9362
2884	289.3000	345437.0113	2327302.4565	156945.4875	2911606.1653

2885	289.4000	345054.0652	2326187.9678	156872.1925	2912419.0146
2886	289.5000	344671.5437	2325073.7717	156798.9139	2913231.4843
2887	289.6000	344289.4463	2323959.8685	156725.6519	2914043.5744
2888	289.7000	343907.7724	2322846.2585	156652.4064	2914855.2851
2889	289.8000	343526.5217	2321732.9420	156579.1774	2915666.6163
2890	289.9000	343145.6936	2320619.9193	156505.9650	2916477.5682
2891	290.0000	342765.2877	2319507.1906	156432.7692	2917288.1409
2892	290.1000	342385.3035	2318394.7562	156359.5900	2918098.3345
2893	290.2000	342005.7406	2317282.6164	156286.4274	2918908.1490
2894	290.3000	341626.5984	2316170.7715	156213.2815	2919717.5845
2895	290.4000	341247.8765	2315059.2217	156140.1522	2920526.6412
2896	290.5000	340869.5745	2313947.9673	156067.0397	2921335.3190
2897	290.6000	340491.6919	2312837.0087	155993.9439	2922143.6182
2898	290.7000	340114.2282	2311726.3460	155920.8648	2922951.5387
2899	290.8000	339737.1829	2310615.9796	155847.8026	2923759.0807
2900	290.9000	339360.5556	2309505.9097	155774.7571	2924566.2442
2901	291.0000	338984.3458	2308396.1366	155701.7284	2925373.0294
2902	291.1000	338608.5531	2307286.6606	155628.7166	2926179.4363
2903	291.2000	338233.1770	2306177.4819	155555.7216	2926985.4651
2904	291.3000	337858.2171	2305068.6008	155482.7435	2927791.1157
2905	291.4000	337483.6728	2303960.0176	155409.7823	2928596.3883
2906	291.5000	337109.5437	2302851.7325	155336.8381	2929401.2830
2907	291.6000	336735.8294	2301743.7458	155263.9108	2930205.7998
2908	291.7000	336362.5293	2300636.0579	155191.0004	2931009.9389
2909	291.8000	335989.6431	2299528.6688	155118.1071	2931813.7004

2910	291.9000	335617.1703	2298421.5790	155045.2308	2932617.0843
2911	292.0000	335245.1104	2297314.7887	154972.3715	2933420.0907
2912	292.1000	334873.4630	2296208.2981	154899.5293	2934222.7197
2913	292.2000	334502.2275	2295102.1076	154826.7042	2935024.9713
2914	292.3000	334131.4036	2293996.2173	154753.8962	2935826.8458
2915	292.4000	333760.9908	2292890.6275	154681.1053	2936628.3431
2916	292.5000	333390.9886	2291785.3385	154608.3316	2937429.4634
2917	292.6000	333021.3966	2290680.3507	154535.5750	2938230.2068
2918	292.7000	332652.2144	2289575.6641	154462.8357	2939030.5733
2919	292.8000	332283.4414	2288471.2791	154390.1135	2939830.5630
2920	292.9000	331915.0772	2287367.1959	154317.4086	2940630.1760
2921	293.0000	331547.1214	2286263.4149	154244.7210	2941429.4124
2922	293.1000	331179.5734	2285159.9362	154172.0506	2942228.2724
2923	293.2000	330812.4330	2284056.7601	154099.3976	2943026.7559
2924	293.3000	330445.6995	2282953.8869	154026.7618	2943824.8631
2925	293.4000	330079.3726	2281851.3168	153954.1434	2944622.5940
2926	293.5000	329713.4519	2280749.0501	153881.5424	2945419.9488
2927	293.6000	329347.9367	2279647.0871	153808.9588	2946216.9275
2928	293.7000	328982.8268	2278545.4279	153736.3926	2947013.5303
2929	293.8000	328618.1216	2277444.0729	153663.8438	2947809.7572
2930	293.9000	328253.8207	2276343.0223	153591.3124	2948605.6083
2931	294.0000	327889.9237	2275242.2764	153518.7986	2949401.0837
2932	294.1000	327526.4301	2274141.8353	153446.3022	2950196.1836
2933	294.2000	327163.3395	2273041.6994	153373.8234	2950990.9079
2934	294.3000	326800.6514	2271941.8689	153301.3620	2951785.2567

2935	294.4000	326438.3653	2270842.3441	153228.9183	2952579.2303
2936	294.5000	326076.4809	2269743.1251	153156.4921	2953372.8286
2937	294.6000	325714.9976	2268644.2124	153084.0835	2954166.0517
2938	294.7000	325353.9151	2267545.6060	153011.6926	2954958.8998
2939	294.8000	324993.2329	2266447.3062	152939.3193	2955751.3729
2940	294.9000	324632.9505	2265349.3134	152866.9636	2956543.4712
2941	295.0000	324273.0676	2264251.6277	152794.6257	2957335.1946
2942	295.1000	323913.5836	2263154.2494	152722.3054	2958126.5434
2943	295.2000	323554.4981	2262057.1787	152650.0029	2958917.5176
2944	295.3000	323195.8106	2260960.4159	152577.7181	2959708.1172
2945	295.4000	322837.5209	2259863.9612	152505.4510	2960498.3425
2946	295.5000	322479.6283	2258767.8148	152433.2018	2961288.1934
2947	295.6000	322122.1324	2257671.9771	152360.9704	2962077.6701
2948	295.7000	321765.0329	2256576.4481	152288.7567	2962866.7726
2949	295.8000	321408.3293	2255481.2283	152216.5610	2963655.5011
2950	295.9000	321052.0211	2254386.3178	152144.3831	2964443.8556
2951	296.0000	320696.1079	2253291.7168	152072.2231	2965231.8363
2952	296.1000	320340.5892	2252197.4257	152000.0810	2966019.4432
2953	296.2000	319985.4647	2251103.4446	151927.9568	2966806.6764
2954	296.3000	319630.7338	2250009.7737	151855.8506	2967593.5360
2955	296.4000	319276.3962	2248916.4134	151783.7623	2968380.0222
2956	296.5000	318922.4515	2247823.3638	151711.6920	2969166.1349
2957	296.6000	318568.8991	2246730.6252	151639.6398	2969951.8744
2958	296.7000	318215.7386	2245638.1978	151567.6055	2970737.2406
2959	296.8000	317862.9696	2244546.0819	151495.5893	2971522.2337

2960	296.9000	317510.5918	2243454.2776	151423.5912	2972306.8538
2961	297.0000	317158.6045	2242362.7853	151351.6112	2973091.1009
2962	297.1000	316807.0075	2241271.6051	151279.6493	2973874.9753
2963	297.2000	316455.8002	2240180.7373	151207.7054	2974658.4768
2964	297.3000	316104.9823	2239090.1821	151135.7798	2975441.6057
2965	297.4000	315754.5533	2237999.9398	151063.8723	2976224.3621
2966	297.5000	315404.5128	2236910.0105	150991.9830	2977006.7460
2967	297.6000	315054.8603	2235820.3945	150920.1119	2977788.7575
2968	297.7000	314705.5955	2234731.0921	150848.2590	2978570.3968
2969	297.8000	314356.7178	2233642.1034	150776.4243	2979351.6639
2970	297.9000	314008.2269	2232553.4287	150704.6080	2980132.5589
2971	298.0000	313660.1224	2231465.0682	150632.8099	2980913.0819
2972	298.1000	313312.4037	2230377.0221	150561.0301	2981693.2330
2973	298.2000	312965.0705	2229289.2907	150489.2686	2982473.0123
2974	298.3000	312618.1224	2228201.8742	150417.5254	2983252.4199
2975	298.4000	312271.5588	2227114.7728	150345.8007	2984031.4559
2976	298.5000	311925.3795	2226027.9867	150274.0943	2984810.1204
2977	298.6000	311579.5839	2224941.5162	150202.4062	2985588.4135
2978	298.7000	311234.1717	2223855.3615	150130.7366	2986366.3352
2979	298.8000	310889.1424	2222769.5228	150059.0855	2987143.8857
2980	298.9000	310544.4956	2221684.0003	149987.4528	2987921.0651
2981	299.0000	310200.2309	2220598.7942	149915.8385	2988697.8734
2982	299.1000	309856.3478	2219513.9048	149844.2428	2989474.3108
2983	299.2000	309512.8459	2218429.3323	149772.6655	2990250.3774
2984	299.3000	309169.7249	2217345.0769	149701.1068	2991026.0731

2985	299.4000	308826.9842	2216261.1388	149629.5666	2991801.3983
2986	299.5000	308484.6235	2215177.5183	149558.0450	2992576.3529
2987	299.6000	308142.6423	2214094.2155	149486.5420	2993350.9370
2988	299.7000	307801.0402	2213011.2306	149415.0576	2994125.1508
2989	299.8000	307459.8168	2211928.5640	149343.5918	2994898.9943
2990	299.9000	307118.9717	2210846.2157	149272.1446	2995672.4676
2991	300.0000	306778.5045	2209764.1861	149200.7161	2996445.5708
2992	300.1000	306438.4146	2208682.4753	149129.3063	2997218.3041
2993	300.2000	306098.7019	2207601.0835	149057.9151	2997990.6674
2994	300.3000	305759.3657	2206520.0110	148986.5427	2998762.6610
2995	300.4000	305420.4056	2205439.2580	148915.1890	2999534.2849
2996	300.5000	305081.8214	2204358.8246	148843.8540	3000305.5393
2997	300.6000	304743.6125	2203278.7111	148772.5378	3001076.4241
2998	300.7000	304405.7785	2202198.9177	148701.2404	3001846.9395
2999	300.8000	304068.3191	2201119.4447	148629.9618	3002617.0856
3000	300.9000	303731.2337	2200040.2921	148558.7020	3003386.8625
3001	301.0000	303394.5221	2198961.4603	148487.4611	3004156.2703
3002	301.1000	303058.1837	2197882.9494	148416.2390	3004925.3092
3003	301.2000	302722.2182	2196804.7596	148345.0358	3005693.9790
3004	301.3000	302386.6251	2195726.8912	148273.8514	3006462.2801
3005	301.4000	302051.4040	2194649.3443	148202.6860	3007230.2125
3006	301.5000	301716.5546	2193572.1192	148131.5395	3007997.7763
3007	301.6000	301382.0764	2192495.2161	148060.4119	3008764.9715
3008	301.7000	301047.9690	2191418.6351	147989.3033	3009531.7983
3009	301.8000	300714.2319	2190342.3765	147918.2137	3010298.2568

3010	301.9000	300380.8649	2189266.4405	147847.1431	3011064.3471
3011	302.0000	300047.8674	2188190.8272	147776.0915	3011830.0692
3012	302.1000	299715.2391	2187115.5369	147705.0589	3012595.4234
3013	302.2000	299382.9795	2186040.5698	147634.0454	3013360.4096
3014	302.3000	299051.0882	2184965.9261	147563.0509	3014125.0279
3015	302.4000	298719.5649	2183891.6060	147492.0755	3014889.2786
3016	302.5000	298388.4091	2182817.6096	147421.1192	3015653.1616
3017	302.6000	298057.6204	2181743.9373	147350.1821	3016416.6770
3018	302.7000	297727.1984	2180670.5891	147279.2640	3017179.8251
3019	302.8000	297397.1427	2179597.5652	147208.3651	3017942.6058
3020	302.9000	297067.4530	2178524.8660	147137.4854	3018705.0193
3021	303.0000	296738.1287	2177452.4915	147066.6249	3019467.0656
3022	303.1000	296409.1695	2176380.4420	146995.7836	3020228.7449
3023	303.2000	296080.5749	2175308.7176	146924.9614	3020990.0573
3024	303.3000	295752.3447	2174237.3186	146854.1586	3021751.0028
3025	303.4000	295424.4783	2173166.2452	146783.3749	3022511.5816
3026	303.5000	295096.9754	2172095.4974	146712.6106	3023271.7937
3027	303.6000	294769.8355	2171025.0757	146641.8655	3024031.6394
3028	303.7000	294443.0583	2169954.9800	146571.1397	3024791.1185
3029	303.8000	294116.6434	2168885.2107	146500.4333	3025550.2314
3030	303.9000	293790.5903	2167815.7679	146429.7462	3026308.9780
3031	304.0000	293464.8987	2166746.6518	146359.0784	3027067.3585
3032	304.1000	293139.5681	2165677.8626	146288.4300	3027825.3729
3033	304.2000	292814.5982	2164609.4005	146217.8010	3028583.0214
3034	304.3000	292489.9886	2163541.2656	146147.1914	3029340.3041

3035	304.4000	292165.7388	2162473.4582	146076.6012	3030097.2210
3036	304.5000	291841.8484	2161405.9785	146006.0305	3030853.7723
3037	304.6000	291518.3172	2160338.8266	145935.4792	3031609.9580
3038	304.7000	291195.1446	2159272.0027	145864.9474	3032365.7784
3039	304.8000	290872.3302	2158205.5070	145794.4350	3033121.2333
3040	304.9000	290549.8737	2157139.3398	145723.9422	3033876.3231
3041	305.0000	290227.7747	2156073.5011	145653.4688	3034631.0477
3042	305.1000	289906.0328	2155007.9912	145583.0150	3035385.4073
3043	305.2000	289584.6475	2153942.8102	145512.5808	3036139.4020
3044	305.3000	289263.6185	2152877.9584	145442.1661	3036893.0319
3045	305.4000	288942.9455	2151813.4359	145371.7710	3037646.2970
3046	305.5000	288622.6279	2150749.2429	145301.3954	3038399.1975
3047	305.6000	288302.6654	2149685.3795	145231.0395	3039151.7335
3048	305.7000	287983.0576	2148621.8461	145160.7032	3039903.9050
3049	305.8000	287663.8041	2147558.6427	145090.3866	3040655.7123
3050	305.9000	287344.9045	2146495.7695	145020.0896	3041407.1553
3051	306.0000	287026.3585	2145433.2267	144949.8123	3042158.2342
3052	306.1000	286708.1656	2144371.0145	144879.5547	3042908.9491
3053	306.2000	286390.3255	2143309.1330	144809.3168	3043659.3001
3054	306.3000	286072.8377	2142247.5825	144739.0986	3044409.2872
3055	306.4000	285755.7018	2141186.3631	144668.9002	3045158.9107
3056	306.5000	285438.9176	2140125.4751	144598.7215	3045908.1706
3057	306.6000	285122.4845	2139064.9185	144528.5626	3046657.0669
3058	306.7000	284806.4022	2138004.6935	144458.4234	3047405.5999
3059	306.8000	284490.6703	2136944.8004	144388.3041	3048153.7695

3060	306.9000	284175.2884	2135885.2392	144318.2045	3048901.5760
3061	307.0000	283860.2562	2134826.0102	144248.1248	3049649.0194
3062	307.1000	283545.5732	2133767.1136	144178.0650	3050396.0998
3063	307.2000	283231.2390	2132708.5495	144108.0250	3051142.8173
3064	307.3000	282917.2533	2131650.3181	144038.0048	3051889.1720
3065	307.4000	282603.6157	2130592.4196	143968.0046	3052635.1640
3066	307.5000	282290.3258	2129534.8540	143898.0243	3053380.7935
3067	307.6000	281977.3832	2128477.6217	143828.0639	3054126.0605
3068	307.7000	281664.7875	2127420.7228	143758.1234	3054870.9651
3069	307.8000	281352.5384	2126364.1574	143688.2029	3055615.5075
3070	307.9000	281040.6354	2125307.9258	143618.3023	3056359.6876
3071	308.0000	280729.0782	2124252.0280	143548.4218	3057103.5058
3072	308.1000	280417.8663	2123196.4643	143478.5612	3057846.9619
3073	308.2000	280106.9995	2122141.2348	143408.7206	3058590.0562
3074	308.3000	279796.4773	2121086.3397	143338.9000	3059332.7888
3075	308.4000	279486.2993	2120031.7791	143269.0995	3060075.1597
3076	308.5000	279176.4652	2118977.5533	143199.3191	3060817.1691
3077	308.6000	278866.9746	2117923.6624	143129.5587	3061558.8170
3078	308.7000	278557.8271	2116870.1065	143059.8184	3062300.1036
3079	308.8000	278249.0222	2115816.8858	142990.0982	3063041.0290
3080	308.9000	277940.5598	2114764.0005	142920.3981	3063781.5933
3081	309.0000	277632.4392	2113711.4508	142850.7181	3064521.7965
3082	309.1000	277324.6603	2112659.2368	142781.0583	3065261.6388
3083	309.2000	277017.2226	2111607.3586	142711.4186	3066001.1203
3084	309.3000	276710.1256	2110555.8165	142641.7991	3066740.2411

3085	309.4000	276403.3691	2109504.6105	142572.1998	3067479.0013
3086	309.5000	276096.9527	2108453.7410	142502.6207	3068217.4010
3087	309.6000	275790.8760	2107403.2079	142433.0618	3068955.4402
3088	309.7000	275485.1386	2106353.0115	142363.5231	3069693.1192
3089	309.8000	275179.7401	2105303.1520	142294.0047	3070430.4381
3090	309.9000	274874.6802	2104253.6294	142224.5065	3071167.3968
3091	310.0000	274569.9584	2103204.4440	142155.0286	3071903.9955
3092	310.1000	274265.5745	2102155.5960	142085.5710	3072640.2344
3093	310.2000	273961.5280	2101107.0853	142016.1336	3073376.1136
3094	310.3000	273657.8186	2100058.9123	141946.7166	3074111.6330
3095	310.4000	273354.4458	2099011.0771	141877.3199	3074846.7929
3096	310.5000	273051.4094	2097963.5799	141807.9436	3075581.5934
3097	310.6000	272748.7089	2096916.4207	141738.5876	3076316.0345
3098	310.7000	272446.3440	2095869.5998	141669.2519	3077050.1164
3099	310.8000	272144.3143	2094823.1172	141599.9367	3077783.8391
3100	310.9000	271842.6194	2093776.9733	141530.6418	3078517.2028
3101	311.0000	271541.2589	2092731.1680	141461.3674	3079250.2076
3102	311.1000	271240.2326	2091685.7016	141392.1134	3079982.8536
3103	311.2000	270939.5399	2090640.5742	141322.8798	3080715.1409
3104	311.3000	270639.1806	2089595.7860	141253.6666	3081447.0695
3105	311.4000	270339.1543	2088551.3371	141184.4740	3082178.6397
3106	311.5000	270039.4606	2087507.2276	141115.3018	3082909.8515
3107	311.6000	269740.0991	2086463.4578	141046.1500	3083640.7049
3108	311.7000	269441.0695	2085420.0277	140977.0188	3084371.2003
3109	311.8000	269142.3713	2084376.9376	140907.9081	3085101.3375

3110	311.9000	268844.0043	2083334.1875	140838.8180	3085831.1167
3111	312.0000	268545.9681	2082291.7777	140769.7484	3086560.5382
3112	312.1000	268248.2623	2081249.7082	140700.6993	3087289.6018
3113	312.2000	267950.8865	2080207.9792	140631.6708	3088018.3078
3114	312.3000	267653.8404	2079166.5908	140562.6629	3088746.6563
3115	312.4000	267357.1235	2078125.5433	140493.6756	3089474.6473
3116	312.5000	267060.7356	2077084.8367	140424.7089	3090202.2810
3117	312.6000	266764.6763	2076044.4712	140355.7628	3090929.5575
3118	312.7000	266468.9452	2075004.4470	140286.8373	3091656.4768
3119	312.8000	266173.5419	2073964.7641	140217.9325	3092383.0392
3120	312.9000	265878.4661	2072925.4227	140149.0484	3093109.2446
3121	313.0000	265583.7175	2071886.4231	140080.1849	3093835.0933
3122	313.1000	265289.2955	2070847.7652	140011.3422	3094560.5853
3123	313.2000	264995.2000	2069809.4493	139942.5201	3095285.7207
3124	313.3000	264701.4305	2068771.4754	139873.7187	3096010.4996
3125	313.4000	264407.9867	2067733.8438	139804.9381	3096734.9221
3126	313.5000	264114.8681	2066696.5546	139736.1782	3097458.9884
3127	313.6000	263822.0746	2065659.6079	139667.4390	3098182.6986
3128	313.7000	263529.6056	2064623.0039	139598.7207	3098906.0527
3129	313.8000	263237.4608	2063586.7426	139530.0231	3099629.0509
3130	313.9000	262945.6399	2062550.8243	139461.3462	3100351.6932
3131	314.0000	262654.1425	2061515.2491	139392.6902	3101073.9799
3132	314.1000	262362.9683	2060480.0170	139324.0550	3101795.9109
3133	314.2000	262072.1168	2059445.1284	139255.4406	3102517.4864
3134	314.3000	261781.5878	2058410.5832	139186.8471	3103238.7065

3135	314.4000	261491.3809	2057376.3816	139118.2744	3103959.5714
3136	314.5000	261201.4956	2056342.5238	139049.7226	3104680.0810
3137	314.6000	260911.9318	2055309.0098	138981.1917	3105400.2356
3138	314.7000	260622.6889	2054275.8399	138912.6816	3106120.0352
3139	314.8000	260333.7667	2053243.0142	138844.1925	3106839.4800
3140	314.9000	260045.1648	2052210.5327	138775.7242	3107558.5700
3141	315.0000	259756.8828	2051178.3957	138707.2769	3108277.3054
3142	315.1000	259468.9205	2050146.6033	138638.8505	3108995.6862
3143	315.2000	259181.2773	2049115.1555	138570.4451	3109713.7126
3144	315.3000	258893.9530	2048084.0526	138502.0607	3110431.3848
3145	315.4000	258606.9473	2047053.2946	138433.6972	3111148.7027
3146	315.5000	258320.2597	2046022.8817	138365.3547	3111865.6665
3147	315.6000	258033.8899	2044992.8141	138297.0332	3112582.2763
3148	315.7000	257747.8376	2043963.0917	138228.7327	3113298.5323
3149	315.8000	257462.1024	2042933.7149	138160.4532	3114014.4345
3150	315.9000	257176.6840	2041904.6837	138092.1948	3114729.9830
3151	316.0000	256891.5820	2040875.9982	138023.9574	3115445.1780
3152	316.1000	256606.7960	2039847.6585	137955.7410	3116160.0195
3153	316.2000	256322.3258	2038819.6649	137887.5458	3116874.5077
3154	316.3000	256038.1709	2037792.0174	137819.3716	3117588.6427
3155	316.4000	255754.3310	2036764.7161	137751.2185	3118302.4245
3156	316.5000	255470.8058	2035737.7612	137683.0865	3119015.8534
3157	316.6000	255187.5949	2034711.1528	137614.9756	3119728.9293
3158	316.7000	254904.6979	2033684.8911	137546.8859	3120441.6525
3159	316.8000	254622.1146	2032658.9761	137478.8173	3121154.0230

3160	316.9000	254339.8445	2031633.4079	137410.7698	3121866.0409
3161	317.0000	254057.8874	2030608.1868	137342.7435	3122577.7064
3162	317.1000	253776.2428	2029583.3127	137274.7384	3123289.0195
3163	317.2000	253494.9105	2028558.7860	137206.7545	3123999.9804
3164	317.3000	253213.8900	2027534.6065	137138.7917	3124710.5892
3165	317.4000	252933.1811	2026510.7746	137070.8502	3125420.8459
3166	317.5000	252652.7833	2025487.2903	137002.9299	3126130.7507
3167	317.6000	252372.6964	2024464.1537	136935.0308	3126840.3037
3168	317.7000	252092.9201	2023441.3650	136867.1530	3127549.5051
3169	317.8000	251813.4538	2022418.9242	136799.2964	3128258.3548
3170	317.9000	251534.2974	2021396.8316	136731.4611	3128966.8531
3171	318.0000	251255.4504	2020375.0871	136663.6470	3129675.0001
3172	318.1000	250976.9126	2019353.6910	136595.8543	3130382.7958
3173	318.2000	250698.6836	2018332.6434	136528.0828	3131090.2403
3174	318.3000	250420.7629	2017311.9443	136460.3327	3131797.3338
3175	318.4000	250143.1504	2016291.5938	136392.6038	3132504.0764
3176	318.5000	249865.8457	2015271.5922	136324.8963	3133210.4682
3177	318.6000	249588.8483	2014251.9396	136257.2102	3133916.5093
3178	318.7000	249312.1581	2013232.6359	136189.5453	3134622.1998
3179	318.8000	249035.7745	2012213.6814	136121.9019	3135327.5399
3180	318.9000	248759.6974	2011195.0762	136054.2798	3136032.5295
3181	319.0000	248483.9263	2010176.8203	135986.6791	3136737.1690
3182	319.1000	248208.4610	2009158.9140	135919.0998	3137441.4582
3183	319.2000	247933.3010	2008141.3572	135851.5420	3138145.3975
3184	319.3000	247658.4460	2007124.1502	135784.0055	3138848.9868

3185	319.4000	247383.8958	2006107.2930	135716.4904	3139552.2263
3186	319.5000	247109.6499	2005090.7858	135648.9968	3140255.1162
3187	319.6000	246835.7080	2004074.6286	135581.5247	3140957.6564
3188	319.7000	246562.0699	2003058.8216	135514.0740	3141659.8471
3189	319.8000	246288.7350	2002043.3649	135446.6448	3142361.6885
3190	319.9000	246015.7032	2001028.2585	135379.2370	3143063.1807
3191	320.0000	245742.9741	2000013.5027	135311.8508	3143764.3236
3192	320.1000	245470.5473	1998999.0975	135244.4860	3144465.1176
3193	320.2000	245198.4225	1997985.0430	135177.1428	3145165.5626
3194	320.3000	244926.5994	1996971.3394	135109.8211	3145865.6589
3195	320.4000	244655.0776	1995957.9867	135042.5209	3146565.4064
3196	320.5000	244383.8569	1994944.9850	134975.2422	3147264.8053
3197	320.6000	244112.9368	1993932.3345	134907.9851	3147963.8558
3198	320.7000	243842.3170	1992920.0353	134840.7496	3148662.5579
3199	320.8000	243571.9973	1991908.0874	134773.5356	3149360.9118
3200	320.9000	243301.9772	1990896.4911	134706.3433	3150058.9175
3201	321.0000	243032.2565	1989885.2463	134639.1725	3150756.5752
3202	321.1000	242762.8347	1988874.3532	134572.0233	3151453.8850
3203	321.2000	242493.7117	1987863.8119	134504.8958	3152150.8470
3204	321.3000	242224.8870	1986853.6225	134437.7898	3152847.4612
3205	321.4000	241956.3603	1985843.7851	134370.7055	3153543.7279
3206	321.5000	241688.1313	1984834.2998	134303.6429	3154239.6472
3207	321.6000	241420.1996	1983825.1667	134236.6019	3154935.2191
3208	321.7000	241152.5650	1982816.3859	134169.5825	3155630.4437
3209	321.8000	240885.2271	1981807.9576	134102.5849	3156325.3212

3210	321.9000	240618.1855	1980799.8818	134035.6089	3157019.8517
3211	322.0000	240351.4400	1979792.1585	133968.6546	3157714.0353
3212	322.1000	240084.9902	1978784.7881	133901.7220	3158407.8721
3213	322.2000	239818.8357	1977777.7704	133834.8111	3159101.3622
3214	322.3000	239552.9763	1976771.1057	133767.9220	3159794.5058
3215	322.4000	239287.4117	1975764.7939	133701.0545	3160487.3028
3216	322.5000	239022.1414	1974758.8353	133634.2089	3161179.7536
3217	322.6000	238757.1653	1973753.2300	133567.3849	3161871.8581
3218	322.7000	238492.4828	1972747.9779	133500.5828	3162563.6165
3219	322.8000	238228.0938	1971743.0793	133433.8024	3163255.0289
3220	322.9000	237963.9979	1970738.5342	133367.0437	3163946.0954
3221	323.0000	237700.1948	1969734.3427	133300.3069	3164636.8161
3222	323.1000	237436.6841	1968730.5049	133233.5919	3165327.1912
3223	323.2000	237173.4655	1967727.0209	133166.8987	3166017.2207
3224	323.3000	236910.5388	1966723.8908	133100.2273	3166706.9047
3225	323.4000	236647.9035	1965721.1147	133033.5777	3167396.2435
3226	323.5000	236385.5593	1964718.6927	132966.9499	3168085.2370
3227	323.6000	236123.5060	1963716.6249	132900.3440	3168773.8854
3228	323.7000	235861.7432	1962714.9114	132833.7600	3169462.1888
3229	323.8000	235600.2706	1961713.5523	132767.1978	3170150.1474
3230	323.9000	235339.0879	1960712.5476	132700.6575	3170837.7612
3231	324.0000	235078.1947	1959711.8975	132634.1391	3171525.0303
3232	324.1000	234817.5907	1958711.6020	132567.6426	3172211.9549
3233	324.2000	234557.2756	1957711.6613	132501.1679	3172898.5351
3234	324.3000	234297.2491	1956712.0755	132434.7152	3173584.7710

3235	324.4000	234037.5109	1955712.8446	132368.2844	3174270.6627
3236	324.5000	233778.0606	1954713.9687	132301.8755	3174956.2103
3237	324.6000	233518.8979	1953715.4479	132235.4886	3175641.4139
3238	324.7000	233260.0225	1952717.2823	132169.1236	3176326.2737
3239	324.8000	233001.4342	1951719.4720	132102.7806	3177010.7897
3240	324.9000	232743.1324	1950722.0171	132036.4595	3177694.9622
3241	325.0000	232485.1171	1949724.9177	131970.1604	3178378.7911
3242	325.1000	232227.3877	1948728.1738	131903.8833	3179062.2766
3243	325.2000	231969.9441	1947731.7856	131837.6281	3179745.4188
3244	325.3000	231712.7859	1946735.7531	131771.3950	3180428.2178
3245	325.4000	231455.9127	1945740.0765	131705.1839	3181110.6738
3246	325.5000	231199.3244	1944744.7557	131638.9948	3181792.7869
3247	325.6000	230943.0204	1943749.7910	131572.8277	3182474.5571
3248	325.7000	230687.0006	1942755.1823	131506.6826	3183155.9846
3249	325.8000	230431.2647	1941760.9299	131440.5596	3183837.0695
3250	325.9000	230175.8122	1940767.0336	131374.4586	3184517.8119
3251	326.0000	229920.6429	1939773.4937	131308.3797	3185198.2120
3252	326.1000	229665.7565	1938780.3103	131242.3229	3185878.2698
3253	326.2000	229411.1527	1937787.4833	131176.2881	3186557.9854
3254	326.3000	229156.8311	1936795.0130	131110.2755	3187237.3591
3255	326.4000	228902.7915	1935802.8993	131044.2849	3187916.3908
3256	326.5000	228649.0334	1934811.1424	130978.3164	3188595.0807
3257	326.6000	228395.5567	1933819.7423	130912.3700	3189273.4289
3258	326.7000	228142.3610	1932828.6992	130846.4458	3189951.4355
3259	326.8000	227889.4460	1931838.0130	130780.5436	3190629.1007

3260	326.9000	227636.8113	1930847.6840	130714.6636	3191306.4246
3261	327.0000	227384.4567	1929857.7121	130648.8058	3191983.4072
3262	327.1000	227132.3819	1928868.0974	130582.9701	3192660.0487
3263	327.2000	226880.5865	1927878.8401	130517.1565	3193336.3493
3264	327.3000	226629.0703	1926889.9402	130451.3651	3194012.3089
3265	327.4000	226377.8329	1925901.3978	130385.5959	3194687.9278
3266	327.5000	226126.8740	1924913.2130	130319.8489	3195363.2060
3267	327.6000	225876.1933	1923925.3858	130254.1241	3196038.1436
3268	327.7000	225625.7905	1922937.9163	130188.4215	3196712.7409
3269	327.8000	225375.6653	1921950.8047	130122.7410	3197386.9978
3270	327.9000	225125.8174	1920964.0509	130057.0828	3198060.9146
3271	328.0000	224876.2465	1919977.6551	129991.4468	3198734.4913
3272	328.1000	224626.9522	1918991.6173	129925.8331	3199407.7280
3273	328.2000	224377.9343	1918005.9376	129860.2416	3200080.6248
3274	328.3000	224129.1925	1917020.6161	129794.6723	3200753.1820
3275	328.4000	223880.7264	1916035.6529	129729.1253	3201425.3995
3276	328.5000	223632.5357	1915051.0480	129663.6005	3202097.2775
3277	328.6000	223384.6202	1914066.8015	129598.0981	3202768.8161
3278	328.7000	223136.9796	1913082.9135	129532.6178	3203440.0155
3279	328.8000	222889.6134	1912099.3840	129467.1599	3204110.8757
3280	328.9000	222642.5215	1911116.2132	129401.7243	3204781.3968
3281	329.0000	222395.7035	1910133.4011	129336.3110	3205451.5791
3282	329.1000	222149.1591	1909150.9478	129270.9200	3206121.4225
3283	329.2000	221902.8881	1908168.8533	129205.5512	3206790.9272
3284	329.3000	221656.8900	1907187.1178	129140.2049	3207460.0934

3285	329.4000	221411.1647	1906205.7412	129074.8808	3208128.9211
3286	329.5000	221165.7118	1905224.7238	129009.5791	3208797.4104
3287	329.6000	220920.5310	1904244.0654	128944.2997	3209465.5616
3288	329.7000	220675.6219	1903263.7663	128879.0427	3210133.3746
3289	329.8000	220430.9844	1902283.8264	128813.8081	3210800.8496
3290	329.9000	220186.6181	1901304.2459	128748.5958	3211467.9867
3291	330.0000	219942.5227	1900325.0248	128683.4059	3212134.7860
3292	330.1000	219698.6979	1899346.1632	128618.2384	3212801.2477
3293	330.2000	219455.1434	1898367.6611	128553.0932	3213467.3719
3294	330.3000	219211.8589	1897389.5187	128487.9705	3214133.1586
3295	330.4000	218968.8440	1896411.7360	128422.8702	3214798.6081
3296	330.5000	218726.0986	1895434.3130	128357.7922	3215463.7203
3297	330.6000	218483.6223	1894457.2498	128292.7367	3216128.4955
3298	330.7000	218241.4148	1893480.5466	128227.7037	3216792.9338
3299	330.8000	217999.4758	1892504.2033	128162.6930	3217457.0351
3300	330.9000	217757.8051	1891528.2200	128097.7048	3218120.7998
3301	331.0000	217516.4022	1890552.5968	128032.7390	3218784.2279
3302	331.1000	217275.2669	1889577.3338	127967.7957	3219447.3195
3303	331.2000	217034.3990	1888602.4309	127902.8749	3220110.0747
3304	331.3000	216793.7981	1887627.8884	127837.9765	3220772.4936
3305	331.4000	216553.4639	1886653.7062	127773.1006	3221434.5764
3306	331.5000	216313.3961	1885679.8845	127708.2472	3222096.3232
3307	331.6000	216073.5945	1884706.4232	127643.4163	3222757.7340
3308	331.7000	215834.0587	1883733.3224	127578.6078	3223418.8091
3309	331.8000	215594.7885	1882760.5823	127513.8219	3224079.5485

3310	331.9000	215355.7835	1881788.2028	127449.0585	3224739.9524
3311	332.0000	215117.0435	1880816.1840	127384.3176	3225400.0208
3312	332.1000	214878.5681	1879844.5260	127319.5992	3226059.7538
3313	332.2000	214640.3571	1878873.2289	127254.9033	3226719.1517
3314	332.3000	214402.4102	1877902.2927	127190.2300	3227378.2145
3315	332.4000	214164.7271	1876931.7174	127125.5793	3228036.9423
3316	332.5000	213927.3074	1875961.5032	127060.9510	3228695.3352
3317	332.6000	213690.1510	1874991.6501	126996.3454	3229353.3934
3318	332.7000	213453.2575	1874022.1581	126931.7623	3230011.1170
3319	332.8000	213216.6266	1873053.0273	126867.2017	3230668.5061
3320	332.9000	212980.2580	1872084.2578	126802.6638	3231325.5608
3321	333.0000	212744.1514	1871115.8496	126738.1484	3231982.2812
3322	333.1000	212508.3066	1870147.8028	126673.6556	3232638.6674
3323	333.2000	212272.7232	1869180.1175	126609.1854	3233294.7196
3324	333.3000	212037.4010	1868212.7936	126544.7378	3233950.4379
3325	333.4000	211802.3397	1867245.8313	126480.3128	3234605.8224
3326	333.5000	211567.5390	1866279.2306	126415.9104	3235260.8732
3327	333.6000	211332.9985	1865312.9916	126351.5307	3235915.5904
3328	333.7000	211098.7181	1864347.1143	126287.1736	3236569.9742
3329	333.8000	210864.6974	1863381.5988	126222.8391	3237224.0246
3330	333.9000	210630.9361	1862416.4451	126158.5272	3237877.7418
3331	334.0000	210397.4340	1861451.6533	126094.2380	3238531.1260
3332	334.1000	210164.1907	1860487.2234	126029.9715	3239184.1771
3333	334.2000	209931.2060	1859523.1556	125965.7276	3239836.8954
3334	334.3000	209698.4796	1858559.4497	125901.5063	3240489.2809

3335	334.4000	209466.0111	1857596.1060	125837.3078	3241141.3337
3336	334.5000	209233.8004	1856633.1245	125773.1319	3241793.0541
3337	334.6000	209001.8471	1855670.5051	125708.9787	3242444.4421
3338	334.7000	208770.1510	1854708.2481	125644.8482	3243095.4978
3339	334.8000	208538.7117	1853746.3533	125580.7404	3243746.2213
3340	334.9000	208307.5289	1852784.8209	125516.6552	3244396.6128
3341	335.0000	208076.6025	1851823.6509	125452.5928	3245046.6723
3342	335.1000	207845.9321	1850862.8434	125388.5531	3245696.4001
3343	335.2000	207615.5173	1849902.3984	125324.5362	3246345.7961
3344	335.3000	207385.3580	1848942.3159	125260.5419	3246994.8606
3345	335.4000	207155.4539	1847982.5961	125196.5704	3247643.5936
3346	335.5000	206925.8046	1847023.2390	125132.6216	3248291.9953
3347	335.6000	206696.4100	1846064.2445	125068.6955	3248940.0657
3348	335.7000	206467.2696	1845105.6128	125004.7922	3249587.8051
3349	335.8000	206238.3832	1844147.3440	124940.9117	3250235.2135
3350	335.9000	206009.7506	1843189.4380	124877.0539	3250882.2910
3351	336.0000	205781.3714	1842231.8949	124813.2189	3251529.0377
3352	336.1000	205553.2454	1841274.7148	124749.4066	3252175.4538
3353	336.2000	205325.3724	1840317.8976	124685.6171	3252821.5395
3354	336.3000	205097.7519	1839361.4436	124621.8504	3253467.2947
3355	336.4000	204870.3837	1838405.3526	124558.1065	3254112.7196
3356	336.5000	204643.2677	1837449.6247	124494.3854	3254757.8144
3357	336.6000	204416.4034	1836494.2601	124430.6871	3255402.5791
3358	336.7000	204189.7906	1835539.2587	124367.0116	3256047.0139
3359	336.8000	203963.4290	1834584.6205	124303.3589	3256691.1189

3360	336.9000	203737.3183	1833630.3457	124239.7290	3257334.8943
3361	337.0000	203511.4584	1832676.4343	124176.1219	3257978.3400
3362	337.1000	203285.8488	1831722.8862	124112.5376	3258621.4563
3363	337.2000	203060.4893	1830769.7016	124048.9762	3259264.2433
3364	337.3000	202835.3796	1829816.8806	123985.4376	3259906.7010
3365	337.4000	202610.5195	1828864.4230	123921.9219	3260548.8297
3366	337.5000	202385.9087	1827912.3291	123858.4290	3261190.6294
3367	337.6000	202161.5469	1826960.5987	123794.9590	3261832.1002
3368	337.7000	201937.4338	1826009.2321	123731.5118	3262473.2423
3369	337.8000	201713.5691	1825058.2291	123668.0875	3263114.0557
3370	337.9000	201489.9526	1824107.5899	123604.6860	3263754.5407
3371	338.0000	201266.5840	1823157.3145	123541.3074	3264394.6973
3372	338.1000	201043.4631	1822207.4029	123477.9517	3265034.5256
3373	338.2000	200820.5894	1821257.8552	123414.6189	3265674.0257
3374	338.3000	200597.9629	1820308.6715	123351.3090	3266313.1979
3375	338.4000	200375.5832	1819359.8516	123288.0219	3266952.0421
3376	338.5000	200153.4500	1818411.3958	123224.7578	3267590.5585
3377	338.6000	199931.5630	1817463.3040	123161.5166	3268228.7472
3378	338.7000	199709.9220	1816515.5762	123098.2982	3268866.6084
3379	338.8000	199488.5267	1815568.2126	123035.1028	3269504.1422
3380	338.9000	199267.3769	1814621.2131	122971.9303	3270141.3486
3381	339.0000	199046.4722	1813674.5778	122908.7807	3270778.2279
3382	339.1000	198825.8125	1812728.3068	122845.6541	3271414.7800
3383	339.2000	198605.3973	1811782.4000	122782.5504	3272051.0052
3384	339.3000	198385.2265	1810836.8574	122719.4696	3272686.9036

3385	339.4000	198165.2997	1809891.6793	122656.4118	3273322.4752
3386	339.5000	197945.6168	1808946.8654	122593.3769	3273957.7203
3387	339.6000	197726.1774	1808002.4160	122530.3650	3274592.6388
3388	339.7000	197506.9813	1807058.3311	122467.3760	3275227.2310
3389	339.8000	197288.0282	1806114.6106	122404.4100	3275861.4969
3390	339.9000	197069.3178	1805171.2546	122341.4669	3276495.4367
3391	340.0000	196850.8498	1804228.2631	122278.5468	3277129.0505
3392	340.1000	196632.6241	1803285.6363	122215.6497	3277762.3384
3393	340.2000	196414.6403	1802343.3740	122152.7756	3278395.3005
3394	340.3000	196196.8981	1801401.4764	122089.9245	3279027.9370
3395	340.4000	195979.3973	1800459.9435	122027.0963	3279660.2479
3396	340.5000	195762.1376	1799518.7752	121964.2912	3280292.2334
3397	340.6000	195545.1188	1798577.9718	121901.5090	3280923.8937
3398	340.7000	195328.3406	1797637.5331	121838.7499	3281555.2287
3399	340.8000	195111.8027	1796697.4592	121776.0137	3282186.2387
3400	340.9000	194895.5048	1795757.7501	121713.3006	3282816.9238
3401	341.0000	194679.4467	1794818.4059	121650.6105	3283447.2840
3402	341.1000	194463.6281	1793879.4267	121587.9434	3284077.3195
3403	341.2000	194248.0488	1792940.8123	121525.2993	3284707.0305
3404	341.3000	194032.7085	1792002.5630	121462.6783	3285336.4170
3405	341.4000	193817.6069	1791064.6786	121400.0803	3285965.4791
3406	341.5000	193602.7437	1790127.1592	121337.5053	3286594.2171
3407	341.6000	193388.1188	1789190.0049	121274.9534	3287222.6309
3408	341.7000	193173.7318	1788253.2157	121212.4245	3287850.7207
3409	341.8000	192959.5824	1787316.7915	121149.9187	3288478.4867

3410	341.9000	192745.6705	1786380.7326	121087.4359	3289105.9290
3411	342.0000	192531.9957	1785445.0388	121024.9762	3289733.0476
3412	342.1000	192318.5577	1784509.7101	120962.5395	3290359.8427
3413	342.2000	192105.3564	1783574.7467	120900.1260	3290986.3144
3414	342.3000	191892.3914	1782640.1486	120837.7355	3291612.4628
3415	342.4000	191679.6625	1781705.9157	120775.3680	3292238.2881
3416	342.5000	191467.1695	1780772.0482	120713.0237	3292863.7904
3417	342.6000	191254.9120	1779838.5459	120650.7024	3293488.9698
3418	342.7000	191042.8898	1778905.4091	120588.4042	3294113.8263
3419	342.8000	190831.1027	1777972.6376	120526.1291	3294738.3602
3420	342.9000	190619.5503	1777040.2315	120463.8771	3295362.5716
3421	343.0000	190408.2325	1776108.1908	120401.6482	3295986.4605
3422	343.1000	190197.1489	1775176.5156	120339.4425	3296610.0271
3423	343.2000	189986.2994	1774245.2059	120277.2598	3297233.2716
3424	343.3000	189775.6836	1773314.2617	120215.1002	3297856.1939
3425	343.4000	189565.3012	1772383.6830	120152.9637	3298478.7943
3426	343.5000	189355.1521	1771453.4699	120090.8504	3299101.0729
3427	343.6000	189145.2360	1770523.6223	120028.7602	3299723.0298
3428	343.7000	188935.5526	1769594.1403	119966.6931	3300344.6650
3429	343.8000	188726.1016	1768665.0240	119904.6492	3300965.9788
3430	343.9000	188516.8828	1767736.2733	119842.6283	3301586.9713
3431	344.0000	188307.8960	1766807.8883	119780.6307	3302207.6425
3432	344.1000	188099.1408	1765879.8689	119718.6561	3302827.9926
3433	344.2000	187890.6171	1764952.2153	119656.7047	3303448.0217
3434	344.3000	187682.3245	1764024.9274	119594.7765	3304067.7299

3435	344.4000	187474.2628	1763098.0053	119532.8714	3304687.1174
3436	344.5000	187266.4318	1762171.4489	119470.9895	3305306.1843
3437	344.6000	187058.8312	1761245.2583	119409.1307	3305924.9306
3438	344.7000	186851.4607	1760319.4336	119347.2951	3306543.3565
3439	344.8000	186644.3201	1759393.9746	119285.4826	3307161.4622
3440	344.9000	186437.4092	1758468.8815	119223.6933	3307779.2477
3441	345.0000	186230.7276	1757544.1543	119161.9272	3308396.7132
3442	345.1000	186024.2752	1756619.7930	119100.1843	3309013.8588
3443	345.2000	185818.0516	1755695.7976	119038.4646	3309630.6846
3444	345.3000	185612.0566	1754772.1681	118976.7680	3310247.1907
3445	345.4000	185406.2900	1753848.9046	118915.0947	3310863.3772
3446	345.5000	185200.7515	1752926.0070	118853.4445	3311479.2444
3447	345.6000	184995.4409	1752003.4754	118791.8175	3312094.7922
3448	345.7000	184790.3579	1751081.3098	118730.2137	3312710.0208
3449	345.8000	184585.5022	1750159.5102	118668.6331	3313324.9303
3450	345.9000	184380.8736	1749238.0766	118607.0758	3313939.5209
3451	346.0000	184176.4719	1748317.0091	118545.5416	3314553.7927
3452	346.1000	183972.2967	1747396.3076	118484.0306	3315167.7457
3453	346.2000	183768.3480	1746475.9723	118422.5429	3315781.3802
3454	346.3000	183564.6253	1745556.0030	118361.0784	3316394.6962
3455	346.4000	183361.1284	1744636.3998	118299.6370	3317007.6938
3456	346.5000	183157.8571	1743717.1627	118238.2190	3317620.3733
3457	346.6000	182954.8112	1742798.2918	118176.8241	3318232.7346
3458	346.7000	182751.9904	1741879.7870	118115.4525	3318844.7779
3459	346.8000	182549.3944	1740961.6484	118054.1041	3319456.5033

3460	346.9000	182347.0231	1740043.8760	117992.7789	3320067.9110
3461	347.0000	182144.8760	1739126.4698	117931.4770	3320679.0011
3462	347.1000	181942.9531	1738209.4297	117870.1983	3321289.7736
3463	347.2000	181741.2540	1737292.7559	117808.9429	3321900.2288
3464	347.3000	181539.7785	1736376.4484	117747.7107	3322510.3667
3465	347.4000	181338.5264	1735460.5070	117686.5018	3323120.1875
3466	347.5000	181137.4973	1734544.9319	117625.3161	3323729.6912
3467	347.6000	180936.6912	1733629.7231	117564.1537	3324338.8780
3468	347.7000	180736.1076	1732714.8806	117503.0145	3324947.7481
3469	347.8000	180535.7464	1731800.4043	117441.8986	3325556.3015
3470	347.9000	180335.6073	1730886.2943	117380.8060	3326164.5383
3471	348.0000	180135.6901	1729972.5507	117319.7367	3326772.4587
3472	348.1000	179935.9945	1729059.1734	117258.6906	3327380.0628
3473	348.2000	179736.5203	1728146.1624	117197.6677	3327987.3507
3474	348.3000	179537.2672	1727233.5177	117136.6682	3328594.3226
3475	348.4000	179338.2351	1726321.2394	117075.6919	3329200.9785
3476	348.5000	179139.4235	1725409.3275	117014.7390	3329807.3186
3477	348.6000	178940.8324	1724497.7819	116953.8093	3330413.3430
3478	348.7000	178742.4614	1723586.6027	116892.9029	3331019.0519
3479	348.8000	178544.3103	1722675.7898	116832.0198	3331624.4452
3480	348.9000	178346.3789	1721765.3434	116771.1599	3332229.5232
3481	349.0000	178148.6669	1720855.2634	116710.3234	3332834.2861
3482	349.1000	177951.1741	1719945.5497	116649.5102	3333438.7338
3483	349.2000	177753.9002	1719036.2025	116588.7203	3334042.8665
3484	349.3000	177556.8451	1718127.2217	116527.9536	3334646.6844

3485	349.4000	177360.0084	1717218.6073	116467.2103	3335250.1875
3486	349.5000	177163.3898	1716310.3594	116406.4903	3335853.3761
3487	349.6000	176966.9893	1715402.4779	116345.7936	3336456.2501
3488	349.7000	176770.8065	1714494.9629	116285.1202	3337058.8098
3489	349.8000	176574.8412	1713587.8142	116224.4702	3337661.0552
3490	349.9000	176379.0931	1712681.0321	116163.8434	3338262.9865
3491	350.0000	176183.5620	1711774.6164	116103.2400	3338864.6037
3492	350.1000	175988.2477	1710868.5672	116042.6599	3339465.9071
3493	350.2000	175793.1499	1709962.8845	115982.1031	3340066.8967
3494	350.3000	175598.2684	1709057.5682	115921.5697	3340667.5727
3495	350.4000	175403.6029	1708152.6184	115861.0595	3341267.9351
3496	350.5000	175209.1532	1707248.0351	115800.5727	3341867.9842
3497	350.6000	175014.9191	1706343.8182	115740.1093	3342467.7199
3498	350.7000	174820.9003	1705439.9679	115679.6692	3343067.1425
3499	350.8000	174627.0966	1704536.4841	115619.2524	3343666.2521
3500	350.9000	174433.5078	1703633.3667	115558.8590	3344265.0487
3501	351.0000	174240.1335	1702730.6158	115498.4889	3344863.5325
3502	351.1000	174046.9737	1701828.2315	115438.1421	3345461.7036
3503	351.2000	173854.0280	1700926.2136	115377.8187	3346059.5622
3504	351.3000	173661.2961	1700024.5623	115317.5187	3346657.1084
3505	351.4000	173468.7779	1699123.2774	115257.2420	3347254.3422
3506	351.5000	173276.4732	1698222.3591	115196.9886	3347851.2638
3507	351.6000	173084.3816	1697321.8072	115136.7586	3348447.8734
3508	351.7000	172892.5030	1696421.6219	115076.5520	3349044.1710
3509	351.8000	172700.8371	1695521.8030	115016.3687	3349640.1567

3510	351.9000	172509.3837	1694622.3507	114956.2088	3350235.8308
3511	352.0000	172318.1425	1693723.2649	114896.0723	3350831.1932
3512	352.1000	172127.1133	1692824.5455	114835.9591	3351426.2442
3513	352.2000	171936.2959	1691926.1927	114775.8693	3352020.9839
3514	352.3000	171745.6900	1691028.2064	114715.8029	3352615.4123
3515	352.4000	171555.2955	1690130.5866	114655.7598	3353209.5296
3516	352.5000	171365.1120	1689233.3333	114595.7401	3353803.3359
3517	352.6000	171175.1393	1688336.4465	114535.7438	3354396.8314
3518	352.7000	170985.3773	1687439.9261	114475.7709	3354990.0161
3519	352.8000	170795.8256	1686543.7723	114415.8213	3355582.8902
3520	352.9000	170606.4840	1685647.9850	114355.8951	3356175.4538
3521	353.0000	170417.3523	1684752.5641	114295.9923	3356767.7070
3522	353.1000	170228.4304	1683857.5097	114236.1129	3357359.6499
3523	353.2000	170039.7178	1682962.8218	114176.2569	3357951.2827
3524	353.3000	169851.2144	1682068.5004	114116.4243	3358542.6055
3525	353.4000	169662.9201	1681174.5455	114056.6150	3359133.6184
3526	353.5000	169474.8344	1680280.9570	113996.8292	3359724.3215
3527	353.6000	169286.9573	1679387.7350	113937.0667	3360314.7150
3528	353.7000	169099.2884	1678494.8795	113877.3277	3360904.7989
3529	353.8000	168911.8276	1677602.3904	113817.6120	3361494.5735
3530	353.9000	168724.5746	1676710.2677	113757.9197	3362084.0387
3531	354.0000	168537.5292	1675818.5115	113698.2509	3362673.1948
3532	354.1000	168350.6912	1674927.1218	113638.6054	3363262.0418
3533	354.2000	168164.0603	1674036.0984	113578.9833	3363850.5799
3534	354.3000	167977.6362	1673145.4415	113519.3847	3364438.8092

3535	354.4000	167791.4189	1672255.1511	113459.8094	3365026.7298
3536	354.5000	167605.4080	1671365.2270	113400.2576	3365614.3418
3537	354.6000	167419.6033	1670475.6693	113340.7292	3366201.6454
3538	354.7000	167234.0045	1669586.4781	113281.2241	3366788.6407
3539	354.8000	167048.6115	1668697.6532	113221.7425	3367375.3278
3540	354.9000	166863.4241	1667809.1947	113162.2843	3367961.7068
3541	355.0000	166678.4419	1666921.1026	113102.8496	3368547.7778
3542	355.1000	166493.6648	1666033.3768	113043.4382	3369133.5410
3543	355.2000	166309.0926	1665146.0175	112984.0503	3369718.9965
3544	355.3000	166124.7249	1664259.0244	112924.6857	3370304.1444
3545	355.4000	165940.5617	1663372.3977	112865.3446	3370888.9848
3546	355.5000	165756.6026	1662486.1374	112806.0269	3371473.5179
3547	355.6000	165572.8474	1661600.2433	112746.7327	3372057.7438
3548	355.7000	165389.2960	1660714.7156	112687.4618	3372641.6625
3549	355.8000	165205.9480	1659829.5542	112628.2144	3373225.2743
3550	355.9000	165022.8033	1658944.7591	112568.9904	3373808.5792
3551	356.0000	164839.8616	1658060.3302	112509.7899	3374391.5774
3552	356.1000	164657.1228	1657176.2676	112450.6128	3374974.2689
3553	356.2000	164474.5865	1656292.5713	112391.4591	3375556.6539
3554	356.3000	164292.2525	1655409.2413	112332.3288	3376138.7326
3555	356.4000	164110.1207	1654526.2774	112273.2220	3376720.5050
3556	356.5000	163928.1908	1653643.6798	112214.1386	3377301.9713
3557	356.6000	163746.4626	1652761.4485	112155.0786	3377883.1315
3558	356.7000	163564.9359	1651879.5833	112096.0421	3378463.9859
3559	356.8000	163383.6104	1650998.0843	112037.0290	3379044.5344

3560	356.9000	163202.4859	1650116.9515	111978.0393	3379624.7774
3561	357.0000	163021.5622	1649236.1848	111919.0731	3380204.7148
3562	357.1000	162840.8390	1648355.7843	111860.1304	3380784.3468
3563	357.2000	162660.3163	1647475.7500	111801.2110	3381363.6735
3564	357.3000	162479.9936	1646596.0818	111742.3151	3381942.6950
3565	357.4000	162299.8708	1645716.7797	111683.4427	3382521.4116
3566	357.5000	162119.9478	1644837.8436	111624.5937	3383099.8231
3567	357.6000	161940.2241	1643959.2737	111565.7681	3383677.9299
3568	357.7000	161760.6998	1643081.0698	111506.9660	3384255.7320
3569	357.8000	161581.3744	1642203.2320	111448.1873	3384833.2296
3570	357.9000	161402.2478	1641325.7603	111389.4321	3385410.4227
3571	358.0000	161223.3198	1640448.6545	111330.7004	3385987.3115
3572	358.1000	161044.5902	1639571.9148	111271.9920	3386563.8961
3573	358.2000	160866.0587	1638695.5410	111213.3072	3387140.1766
3574	358.3000	160687.7251	1637819.5333	111154.6458	3387716.1532
3575	358.4000	160509.5893	1636943.8914	111096.0078	3388291.8259
3576	358.5000	160331.6509	1636068.6156	111037.3933	3388867.1950
3577	358.6000	160153.9097	1635193.7056	110978.8022	3389442.2605
3578	358.7000	159976.3656	1634319.1616	110920.2346	3390017.0225
3579	358.8000	159799.0183	1633444.9835	110861.6904	3390591.4811
3580	358.9000	159621.8677	1632571.1712	110803.1697	3391165.6365
3581	359.0000	159444.9134	1631697.7248	110744.6725	3391739.4889
3582	359.1000	159268.1553	1630824.6443	110686.1987	3392313.0382
3583	359.2000	159091.5931	1629951.9296	110627.7484	3392886.2847
3584	359.3000	158915.2267	1629079.5806	110569.3215	3393459.2285

3585	359.4000	158739.0557	1628207.5975	110510.9181	3394031.8697
3586	359.5000	158563.0801	1627335.9801	110452.5382	3394604.2083
3587	359.6000	158387.2996	1626464.7285	110394.1817	3395176.2446
3588	359.7000	158211.7139	1625593.8426	110335.8486	3395747.9786
3589	359.8000	158036.3229	1624723.3225	110277.5391	3396319.4106
3590	359.9000	157861.1263	1623853.1680	110219.2529	3396890.5405
3591	360.0000	157686.1240	1622983.3792	110160.9903	3397461.3685
3592	360.1000	157511.3156	1622113.9560	110102.7511	3398031.8948
3593	360.2000	157336.7011	1621244.8985	110044.5354	3398602.1194
3594	360.3000	157162.2801	1620376.2066	109986.3431	3399172.0425
3595	360.4000	156988.0525	1619507.8802	109928.1743	3399741.6642
3596	360.5000	156814.0180	1618639.9195	109870.0290	3400310.9846
3597	360.6000	156640.1764	1617772.3243	109811.9071	3400880.0039
3598	360.7000	156466.5276	1616905.0946	109753.8087	3401448.7221
3599	360.8000	156293.0713	1616038.2304	109695.7337	3402017.1394
3600	360.9000	156119.8072	1615171.7317	109637.6823	3402585.2560
3601	361.0000	155946.7353	1614305.5985	109579.6543	3403153.0718
3602	361.1000	155773.8552	1613439.8307	109521.6497	3403720.5872
3603	361.2000	155601.1667	1612574.4283	109463.6686	3404287.8021
3604	361.3000	155428.6697	1611709.3913	109405.7110	3404854.7167
3605	361.4000	155256.3640	1610844.7197	109347.7769	3405421.3311
3606	361.5000	155084.2492	1609980.4135	109289.8662	3405987.6454
3607	361.6000	154912.3253	1609116.4725	109231.9790	3406553.6598
3608	361.7000	154740.5919	1608252.8969	109174.1152	3407119.3744
3609	361.8000	154569.0489	1607389.6865	109116.2749	3407684.7893

3610	361.9000	154397.6961	1606526.8414	109058.4581	3408249.9046
3611	362.0000	154226.5333	1605664.3615	109000.6648	3408814.7205
3612	362.1000	154055.5602	1604802.2469	108942.8949	3409379.2370
3613	362.2000	153884.7766	1603940.4974	108885.1485	3409943.4544
3614	362.3000	153714.1823	1603079.1130	108827.4255	3410507.3726
3615	362.4000	153543.7772	1602218.0938	108769.7261	3411070.9919
3616	362.5000	153373.5610	1601357.4397	108712.0501	3411634.3123
3617	362.6000	153203.5335	1600497.1507	108654.3975	3412197.3340
3618	362.7000	153033.6945	1599637.2267	108596.7685	3412760.0571
3619	362.8000	152864.0437	1598777.6678	108539.1629	3413322.4817
3620	362.9000	152694.5811	1597918.4738	108481.5807	3413884.6080
3621	363.0000	152525.3063	1597059.6449	108424.0221	3414446.4360
3622	363.1000	152356.2191	1596201.1808	108366.4869	3415007.9659
3623	363.2000	152187.3194	1595343.0817	108308.9751	3415569.1978
3624	363.3000	152018.6069	1594485.3475	108251.4869	3416130.1319
3625	363.4000	151850.0815	1593627.9782	108194.0221	3416690.7681
3626	363.5000	151681.7429	1592770.9737	108136.5807	3417251.1068
3627	363.6000	151513.5909	1591914.3340	108079.1629	3417811.1480
3628	363.7000	151345.6253	1591058.0591	108021.7685	3418370.8917
3629	363.8000	151177.8460	1590202.1489	107964.3976	3418930.3382
3630	363.9000	151010.2526	1589346.6035	107907.0501	3419489.4876
3631	364.0000	150842.8450	1588491.4228	107849.7261	3420048.3399
3632	364.1000	150675.6230	1587636.6067	107792.4256	3420606.8954
3633	364.2000	150508.5864	1586782.1553	107735.1485	3421165.1540
3634	364.3000	150341.7349	1585928.0685	107677.8949	3421723.1160

3635	364.4000	150175.0685	1585074.3463	107620.6648	3422280.7815
3636	364.5000	150008.5867	1584220.9886	107563.4582	3422838.1505
3637	364.6000	149842.2896	1583367.9955	107506.2750	3423395.2233
3638	364.7000	149676.1768	1582515.3668	107449.1152	3423951.9999
3639	364.8000	149510.2481	1581663.1027	107391.9790	3424508.4804
3640	364.9000	149344.5034	1580811.2029	107334.8662	3425064.6650
3641	365.0000	149178.9425	1579959.6676	107277.7768	3425620.5539
3642	365.1000	149013.5650	1579108.4966	107220.7110	3426176.1470
3643	365.2000	148848.3710	1578257.6899	107163.6685	3426731.4445
3644	365.3000	148683.3600	1577407.2476	107106.6496	3427286.4467
3645	365.4000	148518.5320	1576557.1696	107049.6541	3427841.1535
3646	365.5000	148353.8867	1575707.4557	106992.6821	3428395.5651
3647	365.6000	148189.4239	1574858.1062	106935.7335	3428949.6816
3648	365.7000	148025.1434	1574009.1207	106878.8084	3429503.5032
3649	365.8000	147861.0451	1573160.4995	106821.9068	3430057.0299
3650	365.9000	147697.1287	1572312.2423	106765.0286	3430610.2619
3651	366.0000	147533.3940	1571464.3493	106708.1739	3431163.1993
3652	366.1000	147369.8408	1570616.8203	106651.3426	3431715.8423
3653	366.2000	147206.4689	1569769.6553	106594.5348	3432268.1909
3654	366.3000	147043.2781	1568922.8543	106537.7505	3432820.2453
3655	366.4000	146880.2682	1568076.4172	106480.9896	3433372.0056
3656	366.5000	146717.4391	1567230.3441	106424.2522	3433923.4719
3657	366.6000	146554.7905	1566384.6349	106367.5382	3434474.6444
3658	366.7000	146392.3221	1565539.2895	106310.8477	3435025.5231
3659	366.8000	146230.0339	1564694.3079	106254.1806	3435576.1081

3660	366.9000	146067.9256	1563849.6901	106197.5370	3436126.3997
3661	367.0000	145905.9970	1563005.4360	106140.9168	3436676.3979
3662	367.1000	145744.2479	1562161.5457	106084.3201	3437226.1029
3663	367.2000	145582.6781	1561318.0190	106027.7469	3437775.5147
3664	367.3000	145421.2875	1560474.8560	105971.1971	3438324.6335
3665	367.4000	145260.0757	1559632.0566	105914.6707	3438873.4595
3666	367.5000	145099.0427	1558789.6207	105858.1678	3439421.9926
3667	367.6000	144938.1882	1557947.5484	105801.6884	3439970.2331
3668	367.7000	144777.5120	1557105.8396	105745.2324	3440518.1811
3669	367.8000	144617.0139	1556264.4943	105688.7998	3441065.8367
3670	367.9000	144456.6938	1555423.5124	105632.3907	3441613.2000
3671	368.0000	144296.5514	1554582.8938	105576.0050	3442160.2711
3672	368.1000	144136.5865	1553742.6386	105519.6428	3442707.0502
3673	368.2000	143976.7989	1552902.7468	105463.3041	3443253.5374
3674	368.3000	143817.1885	1552063.2182	105406.9887	3443799.7328
3675	368.4000	143657.7551	1551224.0528	105350.6968	3444345.6365
3676	368.5000	143498.4983	1550385.2507	105294.4284	3444891.2487
3677	368.6000	143339.4182	1549546.8117	105238.1834	3445436.5694
3678	368.7000	143180.5143	1548708.7359	105181.9618	3445981.5988
3679	368.8000	143021.7867	1547871.0231	105125.7637	3446526.3370
3680	368.9000	142863.2350	1547033.6734	105069.5890	3447070.7842
3681	369.0000	142704.8590	1546196.6867	105013.4378	3447614.9404
3682	369.1000	142546.6587	1545360.0630	104957.3099	3448158.8058
3683	369.2000	142388.6337	1544523.8022	104901.2056	3448702.3805
3684	369.3000	142230.7839	1543687.9043	104845.1246	3449245.6646

3685	369.4000	142073.1091	1542852.3693	104789.0671	3449788.6582
3686	369.5000	141915.6091	1542017.1971	104733.0330	3450331.3615
3687	369.6000	141758.2837	1541182.3876	104677.0224	3450873.7746
3688	369.7000	141601.1327	1540347.9409	104621.0351	3451415.8976
3689	369.8000	141444.1559	1539513.8569	104565.0713	3451957.7306
3690	369.9000	141287.3531	1538680.1356	104509.1310	3452499.2738
3691	370.0000	141130.7242	1537846.7769	104453.2140	3453040.5272
3692	370.1000	140974.2689	1537013.7807	104397.3205	3453581.4910
3693	370.2000	140817.9871	1536181.1471	104341.4504	3454122.1653
3694	370.3000	140661.8785	1535348.8759	104285.6037	3454662.5503
3695	370.4000	140505.9429	1534516.9673	104229.7805	3455202.6460
3696	370.5000	140350.1803	1533685.4210	104173.9807	3455742.4526
3697	370.6000	140194.5903	1532854.2371	104118.2043	3456281.9702
3698	370.7000	140039.1727	1532023.4155	104062.4513	3456821.1989
3699	370.8000	139883.9275	1531192.9563	104006.7217	3457360.1388
3700	370.9000	139728.8544	1530362.8592	103951.0155	3457898.7901
3701	371.0000	139573.9532	1529533.1244	103895.3328	3458437.1529
3702	371.1000	139419.2237	1528703.7517	103839.6735	3458975.2273
3703	371.2000	139264.6658	1527874.7412	103784.0375	3459513.0134
3704	371.3000	139110.2791	1527046.0927	103728.4250	3460050.5113
3705	371.4000	138956.0637	1526217.8062	103672.8359	3460587.7212
3706	371.5000	138802.0192	1525389.8817	103617.2702	3461124.6432
3707	371.6000	138648.1455	1524562.3192	103561.7279	3461661.2774
3708	371.7000	138494.4423	1523735.1186	103506.2091	3462197.6240
3709	371.8000	138340.9095	1522908.2798	103450.7136	3462733.6830

3710	371.9000	138187.5470	1522081.8029	103395.2415	3463269.4545
3711	372.0000	138034.3545	1521255.6877	103339.7928	3463804.9388
3712	372.1000	137881.3317	1520429.9342	103284.3675	3464340.1359
3713	372.2000	137728.4787	1519604.5424	103228.9657	3464875.0459
3714	372.3000	137575.7951	1518779.5123	103173.5872	3465409.6689
3715	372.4000	137423.2807	1517954.8437	103118.2321	3465944.0052
3716	372.5000	137270.9354	1517130.5367	103062.9004	3466478.0547
3717	372.6000	137118.7590	1516306.5912	103007.5921	3467011.8177
3718	372.7000	136966.7513	1515483.0071	102952.3072	3467545.2942
3719	372.8000	136814.9121	1514659.7845	102897.0456	3468078.4843
3720	372.9000	136663.2413	1513836.9232	102841.8075	3468611.3883
3721	373.0000	136511.7386	1513014.4232	102786.5928	3469144.0061
3722	373.1000	136360.4038	1512192.2845	102731.4014	3469676.3380
3723	373.2000	136209.2368	1511370.5070	102676.2334	3470208.3841
3724	373.3000	136058.2374	1510549.0907	102621.0888	3470740.1444
3725	373.4000	135907.4054	1509728.0355	102565.9676	3471271.6190
3726	373.5000	135756.7406	1508907.3414	102510.8697	3471802.8082
3727	373.6000	135606.2428	1508087.0084	102455.7952	3472333.7121
3728	373.7000	135455.9119	1507267.0363	102400.7441	3472864.3307
3729	373.8000	135305.7476	1506447.4252	102345.7164	3473394.6641
3730	373.9000	135155.7497	1505628.1750	102290.7121	3473924.7126
3731	374.0000	135005.9182	1504809.2856	102235.7311	3474454.4761
3732	374.1000	134856.2528	1503990.7570	102180.7735	3474983.9550
3733	374.2000	134706.7533	1503172.5892	102125.8392	3475513.1491
3734	374.3000	134557.4195	1502354.7821	102070.9283	3476042.0588

3735	374.4000	134408.2512	1501537.3356	102016.0408	3476570.6840
3736	374.5000	134259.2484	1500720.2498	101961.1766	3477099.0250
3737	374.6000	134110.4107	1499903.5245	101906.3358	3477627.0818
3738	374.7000	133961.7380	1499087.1597	101851.5184	3478154.8546
3739	374.8000	133813.2301	1498271.1554	101796.7243	3478682.3434
3740	374.9000	133664.8869	1497455.5114	101741.9535	3479209.5485
3741	375.0000	133516.7081	1496640.2279	101687.2061	3479736.4699
3742	375.1000	133368.6936	1495825.3046	101632.4821	3480263.1077
3743	375.2000	133220.8432	1495010.7416	101577.7814	3480789.4621
3744	375.3000	133073.1566	1494196.5389	101523.1041	3481315.5332
3745	375.4000	132925.6338	1493382.6962	101468.4500	3481841.3211
3746	375.5000	132778.2746	1492569.2137	101413.8194	3482366.8260
3747	375.6000	132631.0787	1491756.0913	101359.2121	3482892.0479
3748	375.7000	132484.0459	1490943.3289	101304.6281	3483416.9869
3749	375.8000	132337.1762	1490130.9264	101250.0674	3483941.6433
3750	375.9000	132190.4693	1489318.8838	101195.5301	3484466.0171
3751	376.0000	132043.9250	1488507.2011	101141.0161	3484990.1084
3752	376.1000	131897.5432	1487695.8782	101086.5255	3485513.9173
3753	376.2000	131751.3237	1486884.9151	101032.0582	3486037.4441
3754	376.3000	131605.2662	1486074.3116	100977.6142	3486560.6887
3755	376.4000	131459.3707	1485264.0678	100923.1935	3487083.6514
3756	376.5000	131313.6369	1484454.1836	100868.7962	3487606.3322
3757	376.6000	131168.0647	1483644.6590	100814.4221	3488128.7312
3758	376.7000	131022.6539	1482835.4939	100760.0714	3488650.8487
3759	376.8000	130877.4042	1482026.6881	100705.7440	3489172.6846

3760	376.9000	130732.3156	1481218.2418	100651.4400	3489694.2392
3761	377.0000	130587.3878	1480410.1548	100597.1592	3490215.5125
3762	377.1000	130442.6207	1479602.4272	100542.9017	3490736.5047
3763	377.2000	130298.0140	1478795.0587	100488.6676	3491257.2158
3764	377.3000	130153.5677	1477988.0494	100434.4567	3491777.6461
3765	377.4000	130009.2815	1477181.3992	100380.2692	3492297.7956
3766	377.5000	129865.1553	1476375.1081	100326.1050	3492817.6644
3767	377.6000	129721.1888	1475569.1761	100271.9640	3493337.2528
3768	377.7000	129577.3820	1474763.6030	100217.8464	3493856.5607
3769	377.8000	129433.7345	1473958.3888	100163.7520	3494375.5883
3770	377.9000	129290.2463	1473153.5334	100109.6810	3494894.3357
3771	378.0000	129146.9172	1472349.0369	100055.6332	3495412.8031
3772	378.1000	129003.7469	1471544.8991	100001.6088	3495930.9906
3773	378.2000	128860.7354	1470741.1200	99947.6076	3496448.8982
3774	378.3000	128717.8824	1469937.6995	99893.6297	3496966.5262
3775	378.4000	128575.1878	1469134.6376	99839.6750	3497483.8746
3776	378.5000	128432.6514	1468331.9342	99785.7437	3498000.9435
3777	378.6000	128290.2730	1467529.5893	99731.8356	3498517.7332
3778	378.7000	128148.0524	1466727.6028	99677.9508	3499034.2436
3779	378.8000	128005.9895	1465925.9747	99624.0893	3499550.4749
3780	378.9000	127864.0841	1465124.7049	99570.2510	3500066.4273
3781	379.0000	127722.3360	1464323.7933	99516.4361	3500582.1009
3782	379.1000	127580.7450	1463523.2400	99462.6443	3501097.4957
3783	379.2000	127439.3110	1462723.0447	99408.8759	3501612.6119
3784	379.3000	127298.0338	1461923.2076	99355.1307	3502127.4496

3785	379.4000	127156.9132	1461123.7284	99301.4087	3502642.0090
3786	379.5000	127015.9490	1460324.6072	99247.7101	3503156.2901
3787	379.6000	126875.1412	1459525.8440	99194.0346	3503670.2931
3788	379.7000	126734.4894	1458727.4386	99140.3825	3504184.0181
3789	379.8000	126593.9935	1457929.3909	99086.7535	3504697.4653
3790	379.9000	126453.6534	1457131.7011	99033.1478	3505210.6346
3791	380.0000	126313.4689	1456334.3688	98979.5654	3505723.5264
3792	380.1000	126173.4398	1455537.3943	98926.0062	3506236.1406
3793	380.2000	126033.5659	1454740.7772	98872.4702	3506748.4774
3794	380.3000	125893.8471	1453944.5177	98818.9575	3507260.5369
3795	380.4000	125754.2831	1453148.6157	98765.4680	3507772.3193
3796	380.5000	125614.8739	1452353.0710	98712.0017	3508283.8247
3797	380.6000	125475.6192	1451557.8836	98658.5587	3508795.0531
3798	380.7000	125336.5190	1450763.0536	98605.1389	3509306.0047
3799	380.8000	125197.5729	1449968.5807	98551.7423	3509816.6797
3800	380.9000	125058.7808	1449174.4650	98498.3689	3510327.0781
3801	381.0000	124920.1426	1448380.7064	98445.0188	3510837.2001
3802	381.1000	124781.6581	1447587.3048	98391.6918	3511347.0457
3803	381.2000	124643.3271	1446794.2602	98338.3881	3511856.6152
3804	381.3000	124505.1495	1446001.5725	98285.1076	3512365.9086
3805	381.4000	124367.1251	1445209.2417	98231.8503	3512874.9260
3806	381.5000	124229.2536	1444417.2677	98178.6162	3513383.6676
3807	381.6000	124091.5350	1443625.6504	98125.4053	3513892.1335
3808	381.7000	123953.9691	1442834.3898	98072.2176	3514400.3238
3809	381.8000	123816.5557	1442043.4858	98019.0531	3514908.2386

3810	381.9000	123679.2946	1441252.9383	97965.9118	3515415.8781
3811	382.0000	123542.1857	1440462.7474	97912.7937	3515923.2423
3812	382.1000	123405.2288	1439672.9129	97859.6987	3516430.3314
3813	382.2000	123268.4237	1438883.4348	97806.6270	3516937.1455
3814	382.3000	123131.7703	1438094.3130	97753.5784	3517443.6848
3815	382.4000	122995.2683	1437305.5474	97700.5531	3517949.9493
3816	382.5000	122858.9177	1436517.1380	97647.5509	3518455.9392
3817	382.6000	122722.7182	1435729.0848	97594.5718	3518961.6545
3818	382.7000	122586.6698	1434941.3876	97541.6160	3519467.0955
3819	382.8000	122450.7721	1434154.0464	97488.6833	3519972.2622
3820	382.9000	122315.0251	1433367.0612	97435.7738	3520477.1547
3821	383.0000	122179.4286	1432580.4319	97382.8874	3520981.7732
3822	383.1000	122043.9824	1431794.1583	97330.0242	3521486.1178
3823	383.2000	121908.6864	1431008.2406	97277.1842	3521990.1887
3824	383.3000	121773.5403	1430222.6785	97224.3673	3522493.9858
3825	383.4000	121638.5441	1429437.4721	97171.5735	3522997.5094
3826	383.5000	121503.6975	1428652.6212	97118.8030	3523500.7595
3827	383.6000	121369.0005	1427868.1258	97066.0555	3524003.7364
3828	383.7000	121234.4527	1427083.9859	97013.3312	3524506.4400
3829	383.8000	121100.0541	1426300.2014	96960.6301	3525008.8706
3830	383.9000	120965.8045	1425516.7722	96907.9521	3525511.0282
3831	384.0000	120831.7037	1424733.6982	96855.2972	3526012.9130
3832	384.1000	120697.7516	1423950.9794	96802.6654	3526514.5251
3833	384.2000	120563.9480	1423168.6158	96750.0568	3527015.8645
3834	384.3000	120430.2927	1422386.6072	96697.4713	3527516.9315

3835	384.4000	120296.7855	1421604.9536	96644.9089	3528017.7262
3836	384.5000	120163.4264	1420823.6550	96592.3697	3528518.2486
3837	384.6000	120030.2151	1420042.7112	96539.8535	3529018.4989
3838	384.7000	119897.1515	1419262.1222	96487.3605	3529518.4772
3839	384.8000	119764.2354	1418481.8880	96434.8906	3530018.1837
3840	384.9000	119631.4667	1417702.0085	96382.4438	3530517.6184
3841	385.0000	119498.8451	1416922.4835	96330.0201	3531016.7814
3842	385.1000	119366.3706	1416143.3131	96277.6195	3531515.6729
3843	385.2000	119234.0429	1415364.4972	96225.2420	3532014.2931
3844	385.3000	119101.8619	1414586.0357	96172.8876	3532512.6419
3845	385.4000	118969.8275	1413807.9285	96120.5562	3533010.7196
3846	385.5000	118837.9394	1413030.1757	96068.2480	3533508.5263
3847	385.6000	118706.1976	1412252.7770	96015.9629	3534006.0620
3848	385.7000	118574.6017	1411475.7325	95963.7008	3534503.3270
3849	385.8000	118443.1518	1410699.0421	95911.4618	3535000.3213
3850	385.9000	118311.8476	1409922.7058	95859.2459	3535497.0450
3851	386.0000	118180.6889	1409146.7233	95807.0531	3535993.4983
3852	386.1000	118049.6757	1408371.0948	95754.8833	3536489.6812
3853	386.2000	117918.8077	1407595.8201	95702.7366	3536985.5940
3854	386.3000	117788.0847	1406820.8991	95650.6130	3537481.2366
3855	386.4000	117657.5067	1406046.3318	95598.5124	3537976.6094
3856	386.5000	117527.0735	1405272.1182	95546.4349	3538471.7122
3857	386.6000	117396.7848	1404498.2581	95494.3805	3538966.5454
3858	386.7000	117266.6406	1403724.7515	95442.3491	3539461.1089
3859	386.8000	117136.6406	1402951.5983	95390.3407	3539955.4030

3860	386.9000	117006.7848	1402178.7984	95338.3554	3540449.4277
3861	387.0000	116877.0729	1401406.3519	95286.3931	3540943.1831
3862	387.1000	116747.5048	1400634.2585	95234.4539	3541436.6695
3863	387.2000	116618.0804	1399862.5183	95182.5376	3541929.8868
3864	387.3000	116488.7994	1399091.1312	95130.6445	3542422.8352
3865	387.4000	116359.6618	1398320.0971	95078.7743	3542915.5149
3866	387.5000	116230.6673	1397549.4160	95026.9272	3543407.9259
3867	387.6000	116101.8158	1396779.0877	94975.1031	3543900.0684
3868	387.7000	115973.1072	1396009.1123	94923.3020	3544391.9425
3869	387.8000	115844.5412	1395239.4895	94871.5239	3544883.5483
3870	387.9000	115716.1178	1394470.2195	94819.7689	3545374.8859
3871	388.0000	115587.8367	1393701.3020	94768.0368	3545865.9555
3872	388.1000	115459.6979	1392932.7371	94716.3278	3546356.7571
3873	388.2000	115331.7011	1392164.5246	94664.6417	3546847.2909
3874	388.3000	115203.8462	1391396.6646	94612.9787	3547337.5571
3875	388.4000	115076.1330	1390629.1568	94561.3386	3547827.5556
3876	388.5000	114948.5614	1389862.0013	94509.7216	3548317.2867
3877	388.6000	114821.1312	1389095.1980	94458.1275	3548806.7505
3878	388.7000	114693.8423	1388328.7468	94406.5564	3549295.9470
3879	388.8000	114566.6946	1387562.6477	94355.0083	3549784.8765
3880	388.9000	114439.6877	1386796.9005	94303.4831	3550273.5389
3881	389.0000	114312.8217	1386031.5053	94251.9810	3550761.9345
3882	389.1000	114186.0963	1385266.4618	94200.5018	3551250.0634
3883	389.2000	114059.5114	1384501.7702	94149.0455	3551737.9256
3884	389.3000	113933.0668	1383737.4302	94097.6123	3552225.5213

3885	389.4000	113806.7624	1382973.4419	94046.2020	3552712.8507
3886	389.5000	113680.5980	1382209.8051	93994.8146	3553199.9138
3887	389.6000	113554.5735	1381446.5197	93943.4502	3553686.7107
3888	389.7000	113428.6887	1380683.5858	93892.1087	3554173.2416
3889	389.8000	113302.9434	1379921.0033	93840.7902	3554659.5066
3890	389.9000	113177.3376	1379158.7720	93789.4947	3555145.5058
3891	390.0000	113051.8710	1378396.8918	93738.2220	3555631.2394
3892	390.1000	112926.5435	1377635.3629	93686.9723	3556116.7073
3893	390.2000	112801.3549	1376874.1849	93635.7456	3556601.9099
3894	390.3000	112676.3051	1376113.3580	93584.5417	3557086.8471
3895	390.4000	112551.3939	1375352.8819	93533.3608	3557571.5191
3896	390.5000	112426.6212	1374592.7567	93482.2028	3558055.9261
3897	390.6000	112301.9868	1373832.9823	93431.0677	3558540.0681
3898	390.7000	112177.4906	1373073.5585	93379.9556	3559023.9453
3899	390.8000	112053.1324	1372314.4854	93328.8663	3559507.5577
3900	390.9000	111928.9121	1371555.7628	93277.7999	3559990.9055
3901	391.0000	111804.8294	1370797.3907	93226.7565	3560473.9889
3902	391.1000	111680.8844	1370039.3690	93175.7359	3560956.8079
3903	391.2000	111557.0767	1369281.6976	93124.7383	3561439.3626
3904	391.3000	111433.4063	1368524.3764	93073.7635	3561921.6532
3905	391.4000	111309.8730	1367767.4055	93022.8116	3562403.6798
3906	391.5000	111186.4766	1367010.7846	92971.8826	3562885.4425
3907	391.6000	111063.2170	1366254.5138	92920.9765	3563366.9414
3908	391.7000	110940.0941	1365498.5930	92870.0932	3563848.1767
3909	391.8000	110817.1076	1364743.0220	92819.2328	3564329.1485

3910	391.9000	110694.2575	1363987.8009	92768.3953	3564809.8568
3911	392.0000	110571.5436	1363232.9294	92717.5807	3565290.3018
3912	392.1000	110448.9658	1362478.4077	92666.7889	3565770.4837
3913	392.2000	110326.5238	1361724.2355	92616.0200	3566250.4024
3914	392.3000	110204.2175	1360970.4129	92565.2739	3566730.0583
3915	392.4000	110082.0469	1360216.9397	92514.5506	3567209.4513
3916	392.5000	109960.0117	1359463.8159	92463.8503	3567688.5816
3917	392.6000	109838.1117	1358711.0413	92413.1727	3568167.4493
3918	392.7000	109716.3469	1357958.6160	92362.5180	3568646.0546
3919	392.8000	109594.7171	1357206.5398	92311.8861	3569124.3975
3920	392.9000	109473.2221	1356454.8127	92261.2771	3569602.4781
3921	393.0000	109351.8618	1355703.4346	92210.6909	3570080.2967
3922	393.1000	109230.6361	1354952.4054	92160.1274	3570557.8532
3923	393.2000	109109.5447	1354201.7251	92109.5869	3571035.1479
3924	393.3000	108988.5876	1353451.3935	92059.0691	3571512.1808
3925	393.4000	108867.7646	1352701.4106	92008.5741	3571988.9521
3926	393.5000	108747.0755	1351951.7763	91958.1020	3572465.4618
3927	393.6000	108626.5202	1351202.4906	91907.6526	3572941.7101
3928	393.7000	108506.0985	1350453.5533	91857.2261	3573417.6972
3929	393.8000	108385.8104	1349704.9644	91806.8223	3573893.4231
3930	393.9000	108265.6556	1348956.7238	91756.4413	3574368.8879
3931	394.0000	108145.6340	1348208.8315	91706.0832	3574844.0918
3932	394.1000	108025.7455	1347461.2873	91655.7477	3575319.0348
3933	394.2000	107905.9898	1346714.0912	91605.4351	3575793.7172
3934	394.3000	107786.3669	1345967.2431	91555.1453	3576268.1390

3935	394.4000	107666.8767	1345220.7429	91504.8782	3576742.3003
3936	394.5000	107547.5189	1344474.5906	91454.6339	3577216.2013
3937	394.6000	107428.2934	1343728.7861	91404.4123	3577689.8421
3938	394.7000	107309.2001	1342983.3292	91354.2135	3578163.2227
3939	394.8000	107190.2388	1342238.2200	91304.0375	3578636.3434
3940	394.9000	107071.4094	1341493.4583	91253.8842	3579109.2042
3941	395.0000	106952.7117	1340749.0441	91203.7536	3579581.8052
3942	395.1000	106834.1456	1340004.9773	91153.6458	3580054.1466
3943	395.2000	106715.7110	1339261.2578	91103.5608	3580526.2285
3944	395.3000	106597.4076	1338517.8855	91053.4984	3580998.0510
3945	395.4000	106479.2354	1337774.8604	91003.4588	3581469.6142
3946	395.5000	106361.1942	1337032.1823	90953.4419	3581940.9182
3947	395.6000	106243.2838	1336289.8512	90903.4478	3582411.9632
3948	395.7000	106125.5042	1335547.8671	90853.4763	3582882.7492
3949	395.8000	106007.8552	1334806.2298	90803.5276	3583353.2765
3950	395.9000	105890.3365	1334064.9393	90753.6016	3583823.5450
3951	396.0000	105772.9482	1333323.9955	90703.6983	3584293.5550
3952	396.1000	105655.6899	1332583.3982	90653.8176	3584763.3065
3953	396.2000	105538.5617	1331843.1475	90603.9597	3585232.7997
3954	396.3000	105421.5633	1331103.2433	90554.1245	3585702.0346
3955	396.4000	105304.6946	1330363.6854	90504.3120	3586171.0114
3956	396.5000	105187.9555	1329624.4738	90454.5221	3586639.7303
3957	396.6000	105071.3458	1328885.6084	90404.7549	3587108.1912
3958	396.7000	104954.8654	1328147.0891	90355.0104	3587576.3944
3959	396.8000	104838.5141	1327408.9159	90305.2886	3588044.3400

3960	396.9000	104722.2917	1326671.0887	90255.5894	3588512.0281
3961	397.0000	104606.1982	1325933.6074	90205.9129	3588979.4587
3962	397.1000	104490.2335	1325196.4718	90156.2591	3589446.6321
3963	397.2000	104374.3972	1324459.6820	90106.6279	3589913.5483
3964	397.3000	104258.6894	1323723.2379	90057.0193	3590380.2074
3965	397.4000	104143.1099	1322987.1393	90007.4334	3590846.6097
3966	397.5000	104027.6585	1322251.3863	89957.8702	3591312.7551
3967	397.6000	103912.3351	1321515.9786	89908.3296	3591778.6438
3968	397.7000	103797.1395	1320780.9163	89858.8116	3592244.2759
3969	397.8000	103682.0716	1320046.1992	89809.3162	3592709.6515
3970	397.9000	103567.1313	1319311.8273	89759.8435	3593174.7709
3971	398.0000	103452.3184	1318577.8005	89710.3934	3593639.6339
3972	398.1000	103337.6328	1317844.1187	89660.9659	3594104.2409
3973	398.2000	103223.0743	1317110.7819	89611.5610	3594568.5919
3974	398.3000	103108.6429	1316377.7899	89562.1787	3595032.6870
3975	398.4000	102994.3382	1315645.1426	89512.8190	3595496.5263
3976	398.5000	102880.1603	1314912.8401	89463.4819	3595960.1100
3977	398.6000	102766.1090	1314180.8821	89414.1674	3596423.4382
3978	398.7000	102652.1841	1313449.2687	89364.8755	3596886.5109
3979	398.8000	102538.3855	1312717.9997	89315.6062	3597349.3284
3980	398.9000	102424.7131	1311987.0750	89266.3595	3597811.8907
3981	399.0000	102311.1667	1311256.4947	89217.1353	3598274.1979
3982	399.1000	102197.7461	1310526.2585	89167.9337	3598736.2502
3983	399.2000	102084.4513	1309796.3665	89118.7547	3599198.0476
3984	399.3000	101971.2821	1309066.8185	89069.5982	3599659.5904

3985	399.4000	101858.2383	1308337.6144	89020.4643	3600120.8785
3986	399.5000	101745.3199	1307608.7542	88971.3530	3600581.9122
3987	399.6000	101632.5266	1306880.2378	88922.2642	3601042.6915
3988	399.7000	101519.8584	1306152.0651	88873.1979	3601503.2166
3989	399.8000	101407.3151	1305424.2360	88824.1542	3601963.4876
3990	399.9000	101294.8966	1304696.7505	88775.1330	3602423.5045
3991	400.0000	101182.6026	1303969.6084	88726.1344	3602883.2676
3992	400.1000	101070.4332	1303242.8097	88677.1583	3603342.7769
3993	400.2000	100958.3881	1302516.3543	88628.2046	3603802.0325
3994	400.3000	100846.4672	1301790.2421	88579.2736	3604261.0346
3995	400.4000	100734.6704	1301064.4730	88530.3650	3604719.7833
3996	400.5000	100622.9976	1300339.0469	88481.4789	3605178.2787
3997	400.6000	100511.4485	1299613.9638	88432.6154	3605636.5208
3998	400.7000	100400.0231	1298889.2236	88383.7743	3606094.5099
3999	400.8000	100288.7212	1298164.8261	88334.9557	3606552.2461
4000	400.9000	100177.5427	1297440.7714	88286.1597	3607009.7294
4001	401.0000	100066.4875	1296717.0593	88237.3861	3607466.9599
4002	401.1000	99955.5553	1295993.6897	88188.6350	3607923.9379
4003	401.2000	99844.7462	1295270.6626	88139.9063	3608380.6634
4004	401.3000	99734.0599	1294547.9779	88091.2002	3608837.1365
4005	401.4000	99623.4963	1293825.6354	88042.5165	3609293.3573
4006	401.5000	99513.0552	1293103.6352	87993.8552	3609749.3260
4007	401.6000	99402.7366	1292381.9770	87945.2165	3610205.0427
4008	401.7000	99292.5403	1291660.6609	87896.6001	3610660.5074
4009	401.8000	99182.4662	1290939.6868	87848.0063	3611115.7204

4010	401.9000	99072.5140	1290219.0545	87799.4348	3611570.6817
4011	402.0000	98962.6838	1289498.7640	87750.8858	3612025.3914
4012	402.1000	98852.9753	1288778.8152	87702.3593	3612479.8497
4013	402.2000	98743.3885	1288059.2080	87653.8552	3612934.0567
4014	402.3000	98633.9231	1287339.9423	87605.3735	3613388.0124
4015	402.4000	98524.5791	1286621.0181	87556.9142	3613841.7171
4016	402.5000	98415.3563	1285902.4352	87508.4773	3614295.1707
4017	402.6000	98306.2546	1285184.1936	87460.0629	3614748.3735
4018	402.7000	98197.2738	1284466.2931	87411.6708	3615201.3256
4019	402.8000	98088.4139	1283748.7338	87363.3012	3615654.0270
4020	402.9000	97979.6746	1283031.5155	87314.9539	3616106.4779
4021	403.0000	97871.0559	1282314.6381	87266.6291	3616558.6784
4022	403.1000	97762.5576	1281598.1015	87218.3266	3617010.6287
4023	403.2000	97654.1796	1280881.9057	87170.0465	3617462.3287
4024	403.3000	97545.9217	1280166.0506	87121.7888	3617913.7787
4025	403.4000	97437.7838	1279450.5361	87073.5535	3618364.9788
4026	403.5000	97329.7658	1278735.3620	87025.3405	3618815.9290
4027	403.6000	97221.8676	1278020.5284	86977.1499	3619266.6296
4028	403.7000	97114.0889	1277306.0351	86928.9817	3619717.0805
4029	403.8000	97006.4298	1276591.8820	86880.8358	3620167.2820
4030	403.9000	96898.8900	1275878.0691	86832.7122	3620617.2341
4031	404.0000	96791.4694	1275164.5963	86784.6110	3621066.9370
4032	404.1000	96684.1679	1274451.4634	86736.5322	3621516.3908
4033	404.2000	96576.9854	1273738.6704	86688.4757	3621965.5956
4034	404.3000	96469.9216	1273026.2172	86640.4415	3622414.5514

4035	404.4000	96362.9766	1272314.1038	86592.4296	3622863.2585
4036	404.5000	96256.1501	1271602.3300	86544.4400	3623311.7169
4037	404.6000	96149.4421	1270890.8957	86496.4728	3623759.9268
4038	404.7000	96042.8523	1270179.8009	86448.5279	3624207.8882
4039	404.8000	95936.3807	1269469.0454	86400.6053	3624655.6013
4040	404.9000	95830.0272	1268758.6292	86352.7050	3625103.0663
4041	405.0000	95723.7915	1268048.5523	86304.8269	3625550.2831
4042	405.1000	95617.6736	1267338.8144	86256.9712	3625997.2520
4043	405.2000	95511.6734	1266629.4156	86209.1378	3626443.9730
4044	405.3000	95405.7907	1265920.3556	86161.3266	3626890.4463
4045	405.4000	95300.0253	1265211.6346	86113.5377	3627336.6719
4046	405.5000	95194.3772	1264503.2523	86065.7711	3627782.6501
4047	405.6000	95088.8462	1263795.2086	86018.0268	3628228.3808
4048	405.7000	94983.4322	1263087.5035	85970.3047	3628673.8643
4049	405.8000	94878.1351	1262380.1370	85922.6048	3629119.1006
4050	405.9000	94772.9547	1261673.1088	85874.9273	3629564.0899
4051	406.0000	94667.8909	1260966.4189	85827.2719	3630008.8322
4052	406.1000	94562.9435	1260260.0673	85779.6388	3630453.3278
4053	406.2000	94458.1125	1259554.0538	85732.0280	3630897.5766
4054	406.3000	94353.3978	1258848.3784	85684.4394	3631341.5788
4055	406.4000	94248.7991	1258143.0409	85636.8730	3631785.3346
4056	406.5000	94144.3163	1257438.0413	85589.3288	3632228.8440
4057	406.6000	94039.9494	1256733.3795	85541.8068	3632672.1072
4058	406.7000	93935.6982	1256029.0553	85494.3071	3633115.1242
4059	406.8000	93831.5626	1255325.0688	85446.8295	3633557.8953

4060	406.9000	93727.5424	1254621.4198	85399.3742	3634000.4204
4061	407.0000	93623.6375	1253918.1082	85351.9411	3634442.6998
4062	407.1000	93519.8478	1253215.1340	85304.5301	3634884.7335
4063	407.2000	93416.1732	1252512.4970	85257.1413	3635326.5216
4064	407.3000	93312.6135	1251810.1972	85209.7748	3635768.0643
4065	407.4000	93209.1686	1251108.2344	85162.4304	3636209.3617
4066	407.5000	93105.8384	1250406.6086	85115.1081	3636650.4139
4067	407.6000	93002.6227	1249705.3197	85067.8081	3637091.2210
4068	407.7000	92899.5215	1249004.3676	85020.5301	3637531.7831
4069	407.8000	92796.5346	1248303.7522	84973.2744	3637972.1004
4070	407.9000	92693.6618	1247603.4735	84926.0408	3638412.1729
4071	408.0000	92590.9030	1246903.5312	84878.8293	3638852.0008
4072	408.1000	92488.2582	1246203.9254	84831.6400	3639291.5842
4073	408.2000	92385.7272	1245504.6560	84784.4728	3639730.9231
4074	408.3000	92283.3098	1244805.7228	84737.3278	3640170.0178
4075	408.4000	92181.0060	1244107.1258	84690.2049	3640608.8683
4076	408.5000	92078.8156	1243408.8649	84643.1041	3641047.4748
4077	408.6000	91976.7385	1242710.9399	84596.0254	3641485.8373
4078	408.7000	91874.7745	1242013.3509	84548.9688	3641923.9560
4079	408.8000	91772.9236	1241316.0976	84501.9343	3642361.8309
4080	408.9000	91671.1856	1240619.1801	84454.9219	3642799.4623
4081	409.0000	91569.5604	1239922.5982	84407.9317	3643236.8502
4082	409.1000	91468.0478	1239226.3518	84360.9635	3643673.9947
4083	409.2000	91366.6477	1238530.4409	84314.0174	3644110.8959
4084	409.3000	91265.3601	1237834.8653	84267.0933	3644547.5540

4085	409.4000	91164.1848	1237139.6250	84220.1914	3644983.9691
4086	409.5000	91063.1216	1236444.7199	84173.3115	3645420.1413
4087	409.6000	90962.1705	1235750.1498	84126.4537	3645856.0707
4088	409.7000	90861.3312	1235055.9148	84079.6179	3646291.7573
4089	409.8000	90760.6038	1234362.0146	84032.8042	3646727.2014
4090	409.9000	90659.9880	1233668.4492	83986.0125	3647162.4031
4091	410.0000	90559.4838	1232975.2185	83939.2429	3647597.3624
4092	410.1000	90459.0910	1232282.3225	83892.4953	3648032.0795
4093	410.2000	90358.8094	1231589.7610	83845.7698	3648466.5545
4094	410.3000	90258.6391	1230897.5339	83799.0662	3648900.7875
4095	410.4000	90158.5798	1230205.6412	83752.3847	3649334.7785
4096	410.5000	90058.6314	1229514.0827	83705.7252	3649768.5279
4097	410.6000	89958.7938	1228822.8584	83659.0877	3650202.0355
4098	410.7000	89859.0669	1228131.9682	83612.4723	3650635.3016
4099	410.8000	89759.4506	1227441.4119	83565.8788	3651068.3263
4100	410.9000	89659.9447	1226751.1895	83519.3073	3651501.1097
4101	411.0000	89560.5491	1226061.3009	83472.7578	3651933.6519
4102	411.1000	89461.2637	1225371.7460	83426.2303	3652365.9529
4103	411.2000	89362.0883	1224682.5247	83379.7248	3652798.0130
4104	411.3000	89263.0229	1223993.6369	83333.2412	3653229.8323
4105	411.4000	89164.0673	1223305.0826	83286.7797	3653661.4108
4106	411.5000	89065.2214	1222616.8616	83240.3400	3654092.7487
4107	411.6000	88966.4851	1221928.9738	83193.9224	3654523.8460
4108	411.7000	88867.8583	1221241.4191	83147.5267	3654954.7030
4109	411.8000	88769.3408	1220554.1975	83101.1529	3655385.3196

4110	411.9000	88670.9325	1219867.3089	83054.8011	3655815.6961
4111	412.0000	88572.6333	1219180.7531	83008.4712	3656245.8325
4112	412.1000	88474.4431	1218494.5301	82962.1632	3656675.7290
4113	412.2000	88376.3617	1217808.6398	82915.8772	3657105.3856
4114	412.3000	88278.3891	1217123.0820	82869.6131	3657534.8025
4115	412.4000	88180.5250	1216437.8568	82823.3709	3657963.9798
4116	412.5000	88082.7695	1215752.9639	82777.1506	3658392.9176
4117	412.6000	87985.1223	1215068.4034	82730.9522	3658821.6160
4118	412.7000	87887.5834	1214384.1750	82684.7757	3659250.0752
4119	412.8000	87790.1526	1213700.2788	82638.6211	3659678.2951
4120	412.9000	87692.8298	1213016.7146	82592.4884	3660106.2761
4121	413.0000	87595.6149	1212333.4823	82546.3776	3660534.0181
4122	413.1000	87498.5078	1211650.5818	82500.2887	3660961.5213
4123	413.2000	87401.5084	1210968.0131	82454.2216	3661388.7858
4124	413.3000	87304.6164	1210285.7760	82408.1764	3661815.8117
4125	413.4000	87207.8319	1209603.8705	82362.1530	3662242.5992
4126	413.5000	87111.1547	1208922.2965	82316.1515	3662669.1482
4127	413.6000	87014.5846	1208241.0538	82270.1719	3663095.4591
4128	413.7000	86918.1216	1207560.1423	82224.2141	3663521.5318
4129	413.8000	86821.7656	1206879.5621	82178.2781	3663947.3664
4130	413.9000	86725.5163	1206199.3129	82132.3640	3664372.9632
4131	414.0000	86629.3738	1205519.3947	82086.4717	3664798.3221
4132	414.1000	86533.3378	1204839.8074	82040.6012	3665223.4434
4133	414.2000	86437.4083	1204160.5509	81994.7525	3665648.3271
4134	414.3000	86341.5852	1203481.6251	81948.9257	3666072.9734

4135	414.4000	86245.8683	1202803.0299	81903.1206	3666497.3823
4136	414.5000	86150.2575	1202124.7652	81857.3374	3666921.5540
4137	414.6000	86054.7526	1201446.8309	81811.5759	3667345.4885
4138	414.7000	85959.3537	1200769.2270	81765.8363	3667769.1861
4139	414.8000	85864.0605	1200091.9532	81720.1184	3668192.6467
4140	414.9000	85768.8730	1199415.0096	81674.4223	3668615.8706
4141	415.0000	85673.7909	1198738.3961	81628.7480	3669038.8578
4142	415.1000	85578.8143	1198062.1124	81583.0954	3669461.6085
4143	415.2000	85483.9430	1197386.1587	81537.4646	3669884.1227
4144	415.3000	85389.1769	1196710.5346	81491.8556	3670306.4005
4145	415.4000	85294.5158	1196035.2402	81446.2683	3670728.4422
4146	415.5000	85199.9596	1195360.2754	81400.7027	3671150.2478
4147	415.6000	85105.5083	1194685.6400	81355.1589	3671571.8173
4148	415.7000	85011.1616	1194011.3340	81309.6368	3671993.1510
4149	415.8000	84916.9196	1193337.3573	81264.1365	3672414.2490
4150	415.9000	84822.7821	1192663.7097	81218.6579	3672835.1112
4151	416.0000	84728.7489	1191990.3913	81173.2009	3673255.7380
4152	416.1000	84634.8199	1191317.4017	81127.7657	3673676.1293
4153	416.2000	84540.9951	1190644.7411	81082.3522	3674096.2853
4154	416.3000	84447.2743	1189972.4093	81036.9605	3674516.2060
4155	416.4000	84353.6573	1189300.4062	80991.5904	3674935.8917
4156	416.5000	84260.1442	1188628.7316	80946.2419	3675355.3425
4157	416.6000	84166.7347	1187957.3856	80900.9152	3675774.5583
4158	416.7000	84073.4288	1187286.3680	80855.6102	3676193.5394
4159	416.8000	83980.2263	1186615.6786	80810.3268	3676612.2859

4160	416.9000	83887.1272	1185945.3175	80765.0651	3677030.7978
4161	417.0000	83794.1312	1185275.2845	80719.8250	3677449.0753
4162	417.1000	83701.2384	1184605.5795	80674.6066	3677867.1185
4163	417.2000	83608.4485	1183936.2025	80629.4098	3678284.9275
4164	417.3000	83515.7615	1183267.1532	80584.2347	3678702.5024
4165	417.4000	83423.1773	1182598.4317	80539.0813	3679119.8434
4166	417.5000	83330.6956	1181930.0378	80493.9494	3679536.9505
4167	417.6000	83238.3165	1181261.9715	80448.8392	3679953.8238
4168	417.7000	83146.0399	1180594.2325	80403.7506	3680370.4636
4169	417.8000	83053.8655	1179926.8210	80358.6836	3680786.8698
4170	417.9000	82961.7933	1179259.7366	80313.6383	3681203.0426
4171	418.0000	82869.8231	1178592.9794	80268.6145	3681618.9821
4172	418.1000	82777.9549	1177926.5493	80223.6123	3682034.6884
4173	418.2000	82686.1886	1177260.4461	80178.6318	3682450.1616
4174	418.3000	82594.5240	1176594.6697	80133.6728	3682865.4019
4175	418.4000	82502.9610	1175929.2201	80088.7354	3683280.4093
4176	418.5000	82411.4995	1175264.0972	80043.8195	3683695.1840
4177	418.6000	82320.1394	1174599.3008	79998.9253	3684109.7261
4178	418.7000	82228.8806	1173934.8309	79954.0526	3684524.0356
4179	418.8000	82137.7230	1173270.6873	79909.2014	3684938.1128
4180	418.9000	82046.6664	1172606.8700	79864.3718	3685351.9576
4181	419.0000	81955.7108	1171943.3789	79819.5638	3685765.5703
4182	419.1000	81864.8560	1171280.2138	79774.7773	3686178.9509
4183	419.2000	81774.1019	1170617.3748	79730.0123	3686592.0996
4184	419.3000	81683.4484	1169954.8615	79685.2688	3687005.0164

4185	419.4000	81592.8954	1169292.6741	79640.5469	3687417.7015
4186	419.5000	81502.4428	1168630.8123	79595.8465	3687830.1549
4187	419.6000	81412.0905	1167969.2762	79551.1676	3688242.3769
4188	419.7000	81321.8383	1167308.0655	79506.5102	3688654.3674
4189	419.8000	81231.6862	1166647.1801	79461.8743	3689066.1267
4190	419.9000	81141.6340	1165986.6201	79417.2599	3689477.6548
4191	420.0000	81051.6817	1165326.3853	79372.6670	3689888.9518
4192	420.1000	80961.8291	1164666.4755	79328.0956	3690300.0179
4193	420.2000	80872.0761	1164006.8907	79283.5457	3690710.8531
4194	420.3000	80782.4226	1163347.6308	79239.0172	3691121.4576
4195	420.4000	80692.8685	1162688.6957	79194.5102	3691531.8315
4196	420.5000	80603.4136	1162030.0853	79150.0246	3691941.9748
4197	420.6000	80514.0579	1161371.7995	79105.5605	3692351.8878
4198	420.7000	80424.8013	1160713.8382	79061.1179	3692761.5705
4199	420.8000	80335.6437	1160056.2013	79016.6966	3693171.0230
4200	420.9000	80246.5848	1159398.8886	78972.2969	3693580.2455
4201	421.0000	80157.6247	1158741.9002	78927.9185	3693989.2380
4202	421.1000	80068.7632	1158085.2359	78883.5616	3694398.0006
4203	421.2000	79980.0003	1157428.8955	78839.2261	3694806.5335
4204	421.3000	79891.3357	1156772.8791	78794.9120	3695214.8368
4205	421.4000	79802.7694	1156117.1864	78750.6193	3695622.9106
4206	421.5000	79714.3013	1155461.8175	78706.3480	3696030.7550
4207	421.6000	79625.9313	1154806.7721	78662.0981	3696438.3701
4208	421.7000	79537.6593	1154152.0503	78617.8696	3696845.7561
4209	421.8000	79449.4851	1153497.6519	78573.6625	3697252.9129

4210	421.9000	79361.4086	1152843.5767	78529.4767	3697659.8409
4211	422.0000	79273.4298	1152189.8248	78485.3123	3698066.5399
4212	422.1000	79185.5486	1151536.3960	78441.1693	3698473.0103
4213	422.2000	79097.7647	1150883.2901	78397.0477	3698879.2520
4214	422.3000	79010.0782	1150230.5072	78352.9474	3699285.2652
4215	422.4000	78922.4888	1149578.0471	78308.8684	3699691.0500
4216	422.5000	78834.9966	1148925.9097	78264.8108	3700096.6065
4217	422.6000	78747.6014	1148274.0948	78220.7745	3700501.9348
4218	422.7000	78660.3030	1147622.6025	78176.7595	3700907.0350
4219	422.8000	78573.1015	1146971.4326	78132.7659	3701311.9073
4220	422.9000	78485.9966	1146320.5850	78088.7936	3701716.5518
4221	423.0000	78398.9882	1145670.0596	78044.8426	3702120.9685
4222	423.1000	78312.0763	1145019.8563	78000.9129	3702525.1576
4223	423.2000	78225.2608	1144369.9750	77957.0045	3702929.1191
4224	423.3000	78138.5415	1143720.4156	77913.1174	3703332.8533
4225	423.4000	78051.9184	1143071.1780	77869.2516	3703736.3602
4226	423.5000	77965.3912	1142422.2621	77825.4070	3704139.6398
4227	423.6000	77878.9600	1141773.6678	77781.5838	3704542.6924
4228	423.7000	77792.6246	1141125.3950	77737.7818	3704945.5180
4229	423.8000	77706.3850	1140477.4436	77694.0011	3705348.1168
4230	423.9000	77620.2409	1139829.8135	77650.2416	3705750.4888
4231	424.0000	77534.1923	1139182.5046	77606.5034	3706152.6342
4232	424.1000	77448.2391	1138535.5168	77562.7864	3706554.5531
4233	424.2000	77362.3812	1137888.8499	77519.0906	3706956.2455
4234	424.3000	77276.6185	1137242.5040	77475.4161	3707357.7117

4235	424.4000	77190.9509	1136596.4789	77431.7629	3707758.9516
4236	424.5000	77105.3782	1135950.7745	77388.1308	3708159.9655
4237	424.6000	77019.9004	1135305.3906	77344.5200	3708560.7534
4238	424.7000	76934.5173	1134660.3273	77300.9303	3708961.3154
4239	424.8000	76849.2289	1134015.5843	77257.3619	3709361.6516
4240	424.9000	76764.0351	1133371.1616	77213.8147	3709761.7623
4241	425.0000	76678.9357	1132727.0591	77170.2886	3710161.6473
4242	425.1000	76593.9306	1132083.2767	77126.7838	3710561.3070
4243	425.2000	76509.0198	1131439.8143	77083.3001	3710960.7413
4244	425.3000	76424.2031	1130796.6718	77039.8376	3711359.9504
4245	425.4000	76339.4805	1130153.8490	76996.3962	3711758.9345
4246	425.5000	76254.8517	1129511.3459	76952.9760	3712157.6935
4247	425.6000	76170.3168	1128869.1624	76909.5770	3712556.2276
4248	425.7000	76085.8756	1128227.2984	76866.1991	3712954.5370
4249	425.8000	76001.5280	1127585.7537	76822.8424	3713352.6218
4250	425.9000	75917.2739	1126944.5284	76779.5068	3713750.4819
4251	426.0000	75833.1132	1126303.6222	76736.1923	3714148.1177
4252	426.1000	75749.0458	1125663.0350	76692.8990	3714545.5291
4253	426.2000	75665.0716	1125022.7669	76649.6267	3714942.7163
4254	426.3000	75581.1905	1124382.8176	76606.3756	3715339.6793
4255	426.4000	75497.4024	1123743.1870	76563.1456	3715736.4184
4256	426.5000	75413.7071	1123103.8751	76519.9367	3716132.9336
4257	426.6000	75330.1047	1122464.8818	76476.7489	3716529.2250
4258	426.7000	75246.5949	1121826.2070	76433.5821	3716925.2927
4259	426.8000	75163.1777	1121187.8505	76390.4365	3717321.1369

4260	426.9000	75079.8530	1120549.8122	76347.3119	3717716.7575
4261	427.0000	74996.6207	1119912.0921	76304.2084	3718112.1549
4262	427.1000	74913.4806	1119274.6900	76261.1259	3718507.3290
4263	427.2000	74830.4327	1118637.6059	76218.0645	3718902.2800
4264	427.3000	74747.4769	1118000.8397	76175.0242	3719297.0079
4265	427.4000	74664.6130	1117364.3911	76132.0049	3719691.5130
4266	427.5000	74581.8410	1116728.2603	76089.0066	3720085.7952
4267	427.6000	74499.1607	1116092.4469	76046.0294	3720479.8548
4268	427.7000	74416.5721	1115456.9510	76003.0732	3720873.6917
4269	427.8000	74334.0751	1114821.7724	75960.1380	3721267.3062
4270	427.9000	74251.6695	1114186.9110	75917.2238	3721660.6984
4271	428.0000	74169.3553	1113552.3668	75874.3307	3722053.8682
4272	428.1000	74087.1323	1112918.1396	75831.4585	3722446.8159
4273	428.2000	74005.0005	1112284.2293	75788.6073	3722839.5416
4274	428.3000	73922.9597	1111650.6358	75745.7772	3723232.0454
4275	428.4000	73841.0099	1111017.3591	75702.9679	3723624.3273
4276	428.5000	73759.1509	1110384.3989	75660.1797	3724016.3875
4277	428.6000	73677.3827	1109751.7553	75617.4125	3724408.2261
4278	428.7000	73595.7051	1109119.4280	75574.6662	3724799.8432
4279	428.8000	73514.1180	1108487.4171	75531.9408	3725191.2389
4280	428.9000	73432.6214	1107855.7224	75489.2365	3725582.4134
4281	429.0000	73351.2152	1107224.3437	75446.5530	3725973.3666
4282	429.1000	73269.8992	1106593.2811	75403.8905	3726364.0988
4283	429.2000	73188.6733	1105962.5343	75361.2489	3726754.6101
4284	429.3000	73107.5375	1105332.1033	75318.6283	3727144.9005

4285	429.4000	73026.4917	1104701.9880	75276.0286	3727534.9701
4286	429.5000	72945.5356	1104072.1883	75233.4498	3727924.8192
4287	429.6000	72864.6694	1103442.7041	75190.8919	3728314.4477
4288	429.7000	72783.8928	1102813.5352	75148.3549	3728703.8558
4289	429.8000	72703.2057	1102184.6816	75105.8387	3729093.0436
4290	429.9000	72622.6080	1101556.1432	75063.3435	3729482.0112
4291	430.0000	72542.0998	1100927.9198	75020.8692	3729870.7587
4292	430.1000	72461.6807	1100300.0114	74978.4157	3730259.2863
4293	430.2000	72381.3509	1099672.4178	74935.9831	3730647.5939
4294	430.3000	72301.1100	1099045.1390	74893.5714	3731035.6818
4295	430.4000	72220.9582	1098418.1749	74851.1805	3731423.5501
4296	430.5000	72140.8952	1097791.5252	74808.8105	3731811.1988
4297	430.6000	72060.9209	1097165.1900	74766.4613	3732198.6280
4298	430.7000	71981.0353	1096539.1692	74724.1330	3732585.8379
4299	430.8000	71901.2382	1095913.4626	74681.8255	3732972.8287
4300	430.9000	71821.5297	1095288.0701	74639.5388	3733359.6002
4301	431.0000	71741.9095	1094662.9916	74597.2729	3733746.1528
4302	431.1000	71662.3775	1094038.2270	74555.0279	3734132.4865
4303	431.2000	71582.9337	1093413.7763	74512.8036	3734518.6014
4304	431.3000	71503.5780	1092789.6393	74470.6002	3734904.4976
4305	431.4000	71424.3103	1092165.8158	74428.4175	3735290.1752
4306	431.5000	71345.1304	1091542.3059	74386.2557	3735675.6344
4307	431.6000	71266.0383	1090919.1094	74344.1146	3736060.8752
4308	431.7000	71187.0339	1090296.2261	74301.9943	3736445.8977
4309	431.8000	71108.1171	1089673.6561	74259.8947	3736830.7021

4310	431.9000	71029.2878	1089051.3991	74217.8160	3737215.2885
4311	432.0000	70950.5458	1088429.4551	74175.7580	3737599.6569
4312	432.1000	70871.8911	1087807.8240	74133.7207	3737983.8075
4313	432.2000	70793.3237	1087186.5057	74091.7042	3738367.7404
4314	432.3000	70714.8433	1086565.5000	74049.7084	3738751.4557
4315	432.4000	70636.4500	1085944.8069	74007.7333	3739134.9535
4316	432.5000	70558.1435	1085324.4262	73965.7790	3739518.2339
4317	432.6000	70479.9239	1084704.3579	73923.8453	3739901.2970
4318	432.7000	70401.7909	1084084.6019	73881.9324	3740284.1429
4319	432.8000	70323.7446	1083465.1580	73840.0402	3740666.7717
4320	432.9000	70245.7848	1082846.0261	73798.1687	3741049.1836
4321	433.0000	70167.9114	1082227.2061	73756.3179	3741431.3787
4322	433.1000	70090.1244	1081608.6980	73714.4878	3741813.3569
4323	433.2000	70012.4236	1080990.5016	73672.6783	3742195.1186
4324	433.3000	69934.8089	1080372.6168	73630.8896	3742576.6637
4325	433.4000	69857.2803	1079755.0436	73589.1215	3742957.9923
4326	433.5000	69779.8376	1079137.7817	73547.3740	3743339.1047
4327	433.6000	69702.4808	1078520.8311	73505.6472	3743720.0008
4328	433.7000	69625.2097	1077904.1918	73463.9411	3744100.6809
4329	433.8000	69548.0243	1077287.8635	73422.2556	3744481.1449
4330	433.9000	69470.9245	1076671.8462	73380.5907	3744861.3930
4331	434.0000	69393.9101	1076056.1398	73338.9465	3745241.4254
4332	434.1000	69316.9811	1075440.7442	73297.3228	3745621.2420
4333	434.2000	69240.1374	1074825.6592	73255.7198	3746000.8431
4334	434.3000	69163.3789	1074210.8849	73214.1374	3746380.2287

4335	434.4000	69086.7054	1073596.4209	73172.5756	3746759.3990
4336	434.5000	69010.1170	1072982.2674	73131.0344	3747138.3540
4337	434.6000	68933.6135	1072368.4240	73089.5138	3747517.0939
4338	434.7000	68857.1948	1071754.8908	73048.0138	3747895.6187
4339	434.8000	68780.8608	1071141.6677	73006.5344	3748273.9286
4340	434.9000	68704.6114	1070528.7545	72965.0755	3748652.0237
4341	435.0000	68628.4465	1069916.1511	72923.6372	3749029.9040
4342	435.1000	68552.3661	1069303.8575	72882.2194	3749407.5698
4343	435.2000	68476.3700	1068691.8734	72840.8222	3749785.0210
4344	435.3000	68400.4582	1068080.1989	72799.4455	3750162.2578
4345	435.4000	68324.6305	1067468.8337	72758.0894	3750539.2804
4346	435.5000	68248.8869	1066857.7779	72716.7538	3750916.0887
4347	435.6000	68173.2273	1066247.0313	72675.4387	3751292.6830
4348	435.7000	68097.6515	1065636.5937	72634.1442	3751669.0633
4349	435.8000	68022.1595	1065026.4651	72592.8701	3752045.2297
4350	435.9000	67946.7513	1064416.6454	72551.6166	3752421.1823
4351	436.0000	67871.4266	1063807.1345	72510.3836	3752796.9213
4352	436.1000	67796.1854	1063197.9322	72469.1710	3753172.4468
4353	436.2000	67721.0276	1062589.0385	72427.9790	3753547.7588
4354	436.3000	67645.9531	1061980.4533	72386.8074	3753922.8575
4355	436.4000	67570.9619	1061372.1764	72345.6563	3754297.7429
4356	436.5000	67496.0538	1060764.2077	72304.5257	3754672.4152
4357	436.6000	67421.2287	1060156.5471	72263.4155	3755046.8745
4358	436.7000	67346.4866	1059549.1946	72222.3258	3755421.1209
4359	436.8000	67271.8274	1058942.1500	72181.2565	3755795.1544

4360	436.9000	67197.2509	1058335.4132	72140.2077	3756168.9753
4361	437.0000	67122.7571	1057728.9842	72099.1792	3756542.5836
4362	437.1000	67048.3458	1057122.8627	72058.1713	3756915.9794
4363	437.2000	66974.0171	1056517.0487	72017.1837	3757289.1628
4364	437.3000	66899.7707	1055911.5421	71976.2166	3757662.1339
4365	437.4000	66825.6067	1055306.3428	71935.2699	3758034.8928
4366	437.5000	66751.5249	1054701.4507	71894.3435	3758407.4397
4367	437.6000	66677.5252	1054096.8656	71853.4376	3758779.7746
4368	437.7000	66603.6076	1053492.5875	71812.5520	3759151.8977
4369	437.8000	66529.7718	1052888.6162	71771.6869	3759523.8090
4370	437.9000	66456.0180	1052284.9517	71730.8421	3759895.5086
4371	438.0000	66382.3459	1051681.5939	71690.0177	3760266.9968
4372	438.1000	66308.7555	1051078.5425	71649.2136	3760638.2735
4373	438.2000	66235.2466	1050475.7976	71608.4299	3761009.3388
4374	438.3000	66161.8193	1049873.3591	71567.6665	3761380.1930
4375	438.4000	66088.4733	1049271.2267	71526.9235	3761750.8360
4376	438.5000	66015.2087	1048669.4005	71486.2008	3762121.2680
4377	438.6000	65942.0253	1048067.8802	71445.4985	3762491.4891
4378	438.7000	65868.9230	1047466.6659	71404.8165	3762861.4994
4379	438.8000	65795.9017	1046865.7573	71364.1548	3763231.2990
4380	438.9000	65722.9614	1046265.1544	71323.5134	3763600.8880
4381	439.0000	65650.1020	1045664.8571	71282.8923	3763970.2665
4382	439.1000	65577.3233	1045064.8653	71242.2915	3764339.4347
4383	439.2000	65504.6253	1044465.1788	71201.7110	3764708.3926
4384	439.3000	65432.0079	1043865.7976	71161.1507	3765077.1403

4385	439.4000	65359.4710	1043266.7215	71120.6108	3765445.6779
4386	439.5000	65287.0146	1042667.9504	71080.0911	3765814.0056
4387	439.6000	65214.6384	1042069.4843	71039.5917	3766182.1234
4388	439.7000	65142.3425	1041471.3230	70999.1125	3766550.0315
4389	439.8000	65070.1267	1040873.4665	70958.6536	3766917.7299
4390	439.9000	64997.9910	1040275.9145	70918.2149	3767285.2188
4391	440.0000	64925.9353	1039678.6670	70877.7965	3767652.4982
4392	440.1000	64853.9594	1039081.7240	70837.3983	3768019.5684
4393	440.2000	64782.0633	1038485.0852	70797.0203	3768386.4293
4394	440.3000	64710.2469	1037888.7506	70756.6626	3768753.0810
4395	440.4000	64638.5102	1037292.7201	70716.3250	3769119.5238
4396	440.5000	64566.8529	1036696.9935	70676.0077	3769485.7576
4397	440.6000	64495.2751	1036101.5708	70635.7105	3769851.7827
4398	440.7000	64423.7767	1035506.4519	70595.4336	3770217.5990
4399	440.8000	64352.3575	1034911.6366	70555.1768	3770583.2067
4400	440.9000	64281.0175	1034317.1248	70514.9402	3770948.6060
4401	441.0000	64209.7566	1033722.9165	70474.7238	3771313.7968
4402	441.1000	64138.5747	1033129.0115	70434.5275	3771678.7794
4403	441.2000	64067.4716	1032535.4097	70394.3514	3772043.5538
4404	441.3000	63996.4475	1031942.1110	70354.1955	3772408.1201
4405	441.4000	63925.5020	1031349.1153	70314.0597	3772772.4784
4406	441.5000	63854.6352	1030756.4225	70273.9440	3773136.6289
4407	441.6000	63783.8470	1030164.0325	70233.8484	3773500.5716
4408	441.7000	63713.1372	1029571.9451	70193.7730	3773864.3066
4409	441.8000	63642.5058	1028980.1604	70153.7177	3774227.8341

4410	441.9000	63571.9527	1028388.6780	70113.6825	3774591.1542
4411	442.0000	63501.4779	1027797.4981	70073.6675	3774954.2669
4412	442.1000	63431.0811	1027206.6203	70033.6725	3775317.1724
4413	442.2000	63360.7624	1026616.0448	69993.6976	3775679.8707
4414	442.3000	63290.5217	1026025.7712	69953.7428	3776042.3620
4415	442.4000	63220.3588	1025435.7996	69913.8080	3776404.6463
4416	442.5000	63150.2737	1024846.1297	69873.8934	3776766.7239
4417	442.6000	63080.2663	1024256.7616	69833.9988	3777128.5947
4418	442.7000	63010.3365	1023667.6951	69794.1242	3777490.2589
4419	442.8000	62940.4843	1023078.9300	69754.2697	3777851.7165
4420	442.9000	62870.7094	1022490.4664	69714.4353	3778212.9678
4421	443.0000	62801.0120	1021902.3040	69674.6209	3778574.0128
4422	443.1000	62731.3918	1021314.4428	69634.8265	3778934.8515
4423	443.2000	62661.8487	1020726.8826	69595.0522	3779295.4842
4424	443.3000	62592.3828	1020139.6234	69555.2978	3779655.9109
4425	443.4000	62522.9939	1019552.6650	69515.5635	3780016.1316
4426	443.5000	62453.6818	1018966.0074	69475.8492	3780376.1466
4427	443.6000	62384.4467	1018379.6504	69436.1548	3780735.9559
4428	443.7000	62315.2883	1017793.5939	69396.4805	3781095.5597
4429	443.8000	62246.2065	1017207.8378	69356.8262	3781454.9579
4430	443.9000	62177.2014	1016622.3819	69317.1918	3781814.1508
4431	444.0000	62108.2727	1016037.2263	69277.5774	3782173.1384
4432	444.1000	62039.4204	1015452.3708	69237.9829	3782531.9208
4433	444.2000	61970.6445	1014867.8152	69198.4085	3782890.4982
4434	444.3000	61901.9448	1014283.5596	69158.8539	3783248.8706

4435	444.4000	61833.3213	1013699.6036	69119.3193	3783607.0382
4436	444.5000	61764.7739	1013115.9473	69079.8047	3783965.0010
4437	444.6000	61696.3024	1012532.5906	69040.3100	3784322.7591
4438	444.7000	61627.9069	1011949.5333	69000.8352	3784680.3127
4439	444.8000	61559.5871	1011366.7753	68961.3803	3785037.6619
4440	444.9000	61491.3432	1010784.3165	68921.9453	3785394.8067
4441	445.0000	61423.1748	1010202.1568	68882.5302	3785751.7473
4442	445.1000	61355.0821	1009620.2961	68843.1351	3786108.4838
4443	445.2000	61287.0648	1009038.7343	68803.7598	3786465.0162
4444	445.3000	61219.1229	1008457.4713	68764.4044	3786821.3447
4445	445.4000	61151.2564	1007876.5070	68725.0688	3787177.4694
4446	445.5000	61083.4650	1007295.8412	68685.7532	3787533.3903
4447	445.6000	61015.7489	1006715.4739	68646.4574	3787889.1076
4448	445.7000	60948.1078	1006135.4049	68607.1815	3788244.6215
4449	445.8000	60880.5417	1005555.6342	68567.9254	3788599.9319
4450	445.9000	60813.0504	1004976.1615	68528.6891	3788955.0389
4451	446.0000	60745.6341	1004396.9869	68489.4727	3789309.9428
4452	446.1000	60678.2924	1003818.1103	68450.2761	3789664.6436
4453	446.2000	60611.0254	1003239.5314	68411.0994	3790019.1414
4454	446.3000	60543.8330	1002661.2502	68371.9424	3790373.4363
4455	446.4000	60476.7150	1002083.2666	68332.8053	3790727.5283
4456	446.5000	60409.6715	1001505.5804	68293.6879	3791081.4177
4457	446.6000	60342.7023	1000928.1916	68254.5904	3791435.1045
4458	446.7000	60275.8073	1000351.1001	68215.5127	3791788.5888
4459	446.8000	60208.9865	999774.3058	68176.4547	3792141.8707

4460	446.9000	60142.2398	999197.8084	68137.4165	3792494.9504
4461	447.0000	60075.5670	998621.6080	68098.3981	3792847.8278
4462	447.1000	60008.9682	998045.7044	68059.3994	3793200.5032
4463	447.2000	59942.4432	997470.0976	68020.4205	3793552.9766
4464	447.3000	59875.9920	996894.7873	67981.4613	3793905.2481
4465	447.4000	59809.6144	996319.7735	67942.5219	3794257.3178
4466	447.5000	59743.3104	995745.0561	67903.6022	3794609.1859
4467	447.6000	59677.0799	995170.6350	67864.7022	3794960.8524
4468	447.7000	59610.9228	994596.5101	67825.8220	3795312.3175
4469	447.8000	59544.8391	994022.6812	67786.9615	3795663.5811
4470	447.9000	59478.8286	993449.1482	67748.1206	3796014.6435
4471	448.0000	59412.8913	992875.9111	67709.2995	3796365.5048
4472	448.1000	59347.0272	992302.9697	67670.4981	3796716.1650
4473	448.2000	59281.2360	991730.3240	67631.7163	3797066.6242
4474	448.3000	59215.5177	991157.9737	67592.9543	3797416.8826
4475	448.4000	59149.8723	990585.9189	67554.2119	3797766.9403
4476	448.5000	59084.2997	990014.1593	67515.4891	3798116.7973
4477	448.6000	59018.7998	989442.6949	67476.7861	3798466.4537
4478	448.7000	58953.3725	988871.5256	67438.1026	3798815.9097
4479	448.8000	58888.0177	988300.6513	67399.4389	3799165.1653
4480	448.9000	58822.7354	987730.0718	67360.7947	3799514.2207
4481	449.0000	58757.5254	987159.7870	67322.1702	3799863.0760
4482	449.1000	58692.3878	986589.7969	67283.5654	3800211.7312
4483	449.2000	58627.3223	986020.1014	67244.9801	3800560.1865
4484	449.3000	58562.3290	985450.7002	67206.4144	3800908.4420

4485	449.4000	58497.4077	984881.5933	67167.8684	3801256.4977
4486	449.5000	58432.5584	984312.7807	67129.3420	3801604.3538
4487	449.6000	58367.7810	983744.2621	67090.8351	3801952.0103
4488	449.7000	58303.0754	983176.0375	67052.3478	3802299.4674
4489	449.8000	58238.4415	982608.1068	67013.8801	3802646.7252
4490	449.9000	58173.8793	982040.4698	66975.4320	3802993.7838
4491	450.0000	58109.3886	981473.1265	66937.0034	3803340.6433
4492	450.1000	58044.9695	980906.0767	66898.5944	3803687.3037
4493	450.2000	57980.6218	980339.3204	66860.2050	3804033.7652
4494	450.3000	57916.3454	979772.8574	66821.8351	3804380.0278
4495	450.4000	57852.1402	979206.6876	66783.4847	3804726.0918
4496	450.5000	57788.0062	978640.8108	66745.1538	3805071.9571
4497	450.6000	57723.9434	978075.2271	66706.8425	3805417.6239
4498	450.7000	57659.9515	977509.9363	66668.5507	3805763.0923
4499	450.8000	57596.0306	976944.9382	66630.2784	3806108.3624
4500	450.9000	57532.1805	976380.2328	66592.0256	3806453.4343
4501	451.0000	57468.4013	975815.8200	66553.7923	3806798.3080
4502	451.1000	57404.6927	975251.6996	66515.5785	3807142.9838
4503	451.2000	57341.0548	974687.8715	66477.3841	3807487.4616
4504	451.3000	57277.4874	974124.3356	66439.2092	3807831.7416
4505	451.4000	57213.9905	973561.0919	66401.0538	3808175.8239
4506	451.5000	57150.5639	972998.1402	66362.9179	3808519.7086
4507	451.6000	57087.2077	972435.4803	66324.8014	3808863.3958
4508	451.7000	57023.9217	971873.1123	66286.7044	3809206.8856
4509	451.8000	56960.7059	971311.0359	66248.6268	3809550.1781

4510	451.9000	56897.5602	970749.2511	66210.5686	3809893.2733
4511	452.0000	56834.4844	970187.7577	66172.5299	3810236.1715
4512	452.1000	56771.4786	969626.5557	66134.5105	3810578.8726
4513	452.2000	56708.5427	969065.6449	66096.5106	3810921.3769
4514	452.3000	56645.6765	968505.0253	66058.5301	3811263.6843
4515	452.4000	56582.8800	967944.6966	66020.5690	3811605.7951
4516	452.5000	56520.1531	967384.6589	65982.6273	3811947.7092
4517	452.6000	56457.4957	966824.9120	65944.7050	3812289.4268
4518	452.7000	56394.9078	966265.4557	65906.8020	3812630.9481
4519	452.8000	56332.3893	965706.2900	65868.9184	3812972.2730
4520	452.9000	56269.9401	965147.4148	65831.0542	3813313.4017
4521	453.0000	56207.5602	964588.8299	65793.2093	3813654.3344
4522	453.1000	56145.2493	964030.5353	65755.3838	3813995.0710
4523	453.2000	56083.0076	963472.5308	65717.5777	3814335.6117
4524	453.3000	56020.8349	962914.8164	65679.7908	3814675.9566
4525	453.4000	55958.7311	962357.3918	65642.0233	3815016.1059
4526	453.5000	55896.6961	961800.2571	65604.2751	3815356.0595
4527	453.6000	55834.7299	961243.4120	65566.5463	3815695.8176
4528	453.7000	55772.8324	960686.8566	65528.8367	3816035.3803
4529	453.8000	55711.0035	960130.5906	65491.1465	3816374.7478
4530	453.9000	55649.2432	959574.6139	65453.4755	3816713.9200
4531	454.0000	55587.5513	959018.9266	65415.8238	3817052.8971
4532	454.1000	55525.9278	958463.5283	65378.1914	3817391.6792
4533	454.2000	55464.3726	957908.4191	65340.5783	3817730.2665
4534	454.3000	55402.8857	957353.5988	65302.9844	3818068.6589

4535	454.4000	55341.4669	956799.0674	65265.4099	3818406.8566
4536	454.5000	55280.1163	956244.8246	65227.8545	3818744.8597
4537	454.6000	55218.8336	955690.8704	65190.3184	3819082.6683
4538	454.7000	55157.6189	955137.2047	65152.8016	3819420.2825
4539	454.8000	55096.4720	954583.8274	65115.3039	3819757.7025
4540	454.9000	55035.3929	954030.7383	65077.8255	3820094.9282
4541	455.0000	54974.3816	953477.9374	65040.3664	3820431.9598
4542	455.1000	54913.4378	952925.4246	65002.9264	3820768.7974
4543	455.2000	54852.5616	952373.1996	64965.5056	3821105.4411
4544	455.3000	54791.7530	951821.2625	64928.1041	3821441.8910
4545	455.4000	54731.0117	951269.6131	64890.7217	3821778.1472
4546	455.5000	54670.3378	950718.2513	64853.3585	3822114.2098
4547	455.6000	54609.7311	950167.1769	64816.0145	3822450.0788
4548	455.7000	54549.1916	949616.3900	64778.6896	3822785.7545
4549	455.8000	54488.7192	949065.8903	64741.3839	3823121.2369
4550	455.9000	54428.3139	948515.6778	64704.0974	3823456.5260
4551	456.0000	54367.9755	947965.7523	64666.8300	3823791.6221
4552	456.1000	54307.7040	947416.1137	64629.5818	3824126.5251
4553	456.2000	54247.4994	946866.7620	64592.3527	3824461.2352
4554	456.3000	54187.3614	946317.6970	64555.1427	3824795.7525
4555	456.4000	54127.2902	945768.9186	64517.9519	3825130.0771
4556	456.5000	54067.2855	945220.4267	64480.7801	3825464.2091
4557	456.6000	54007.3474	944672.2212	64443.6275	3825798.1486
4558	456.7000	53947.4757	944124.3019	64406.4940	3826131.8957
4559	456.8000	53887.6704	943576.6688	64369.3795	3826465.4504

4560	456.9000	53827.9314	943029.3218	64332.2842	3826798.8129
4561	457.0000	53768.2586	942482.2607	64295.2079	3827131.9833
4562	457.1000	53708.6519	941935.4854	64258.1507	3827464.9617
4563	457.2000	53649.1113	941388.9959	64221.1126	3827797.7482
4564	457.3000	53589.6368	940842.7920	64184.0935	3828130.3428
4565	457.4000	53530.2282	940296.8735	64147.0935	3828462.7457
4566	457.5000	53470.8854	939751.2405	64110.1125	3828794.9570
4567	457.6000	53411.6084	939205.8927	64073.1505	3829126.9768
4568	457.7000	53352.3971	938660.8301	64036.2076	3829458.8051
4569	457.8000	53293.2515	938116.0525	63999.2837	3829790.4421
4570	457.9000	53234.1715	937571.5599	63962.3789	3830121.8879
4571	458.0000	53175.1569	937027.3522	63925.4930	3830453.1425
4572	458.1000	53116.2078	936483.4291	63888.6261	3830784.2061
4573	458.2000	53057.3240	935939.7907	63851.7783	3831115.0788
4574	458.3000	52998.5055	935396.4368	63814.9494	3831445.7606
4575	458.4000	52939.7521	934853.3672	63778.1395	3831776.2517
4576	458.5000	52881.0640	934310.5820	63741.3486	3832106.5522
4577	458.6000	52822.4409	933768.0809	63704.5766	3832436.6621
4578	458.7000	52763.8827	933225.8639	63667.8236	3832766.5816
4579	458.8000	52705.3895	932683.9308	63631.0896	3833096.3107
4580	458.9000	52646.9612	932142.2815	63594.3745	3833425.8496
4581	459.0000	52588.5976	931600.9160	63557.6783	3833755.1983
4582	459.1000	52530.2987	931059.8341	63521.0011	3834084.3570
4583	459.2000	52472.0644	930519.0358	63484.3428	3834413.3257
4584	459.3000	52413.8947	929978.5208	63447.7035	3834742.1046

4585	459.4000	52355.7895	929438.2891	63411.0830	3835070.6937
4586	459.5000	52297.7487	928898.3405	63374.4814	3835399.0931
4587	459.6000	52239.7722	928358.6751	63337.8988	3835727.3030
4588	459.7000	52181.8600	927819.2925	63301.3350	3836055.3234
4589	459.8000	52124.0121	927280.1929	63264.7901	3836383.1545
4590	459.9000	52066.2282	926741.3759	63228.2641	3836710.7963
4591	460.0000	52008.5084	926202.8416	63191.7570	3837038.2489
4592	460.1000	51950.8526	925664.5898	63155.2687	3837365.5124
4593	460.2000	51893.2607	925126.6204	63118.7993	3837692.5870
4594	460.3000	51835.7326	924588.9332	63082.3487	3838019.4727
4595	460.4000	51778.2684	924051.5283	63045.9170	3838346.1696
4596	460.5000	51720.8678	923514.4054	63009.5041	3838672.6779
4597	460.6000	51663.5308	922977.5645	62973.1100	3838998.9975
4598	460.7000	51606.2575	922441.0054	62936.7347	3839325.1287
4599	460.8000	51549.0476	921904.7280	62900.3783	3839651.0714
4600	460.9000	51491.9011	921368.7323	62864.0407	3839976.8259
4601	461.0000	51434.8180	920833.0181	62827.7218	3840302.3922
4602	461.1000	51377.7982	920297.5852	62791.4218	3840627.7704
4603	461.2000	51320.8416	919762.4337	62755.1406	3840952.9606
4604	461.3000	51263.9481	919227.5633	62718.8781	3841277.9629
4605	461.4000	51207.1177	918692.9741	62682.6344	3841602.7774
4606	461.5000	51150.3503	918158.6657	62646.4094	3841927.4041
4607	461.6000	51093.6458	917624.6382	62610.2033	3842251.8433
4608	461.7000	51037.0042	917090.8915	62574.0158	3842576.0950
4609	461.8000	50980.4254	916557.4254	62537.8471	3842900.1592

4610	461.9000	50923.9093	916024.2397	62501.6972	3843224.0361
4611	462.0000	50867.4558	915491.3345	62465.5660	3843547.7258
4612	462.1000	50811.0650	914958.7096	62429.4535	3843871.2284
4613	462.2000	50754.7366	914426.3649	62393.3597	3844194.5439
4614	462.3000	50698.4707	913894.3002	62357.2846	3844517.6725
4615	462.4000	50642.2672	913362.5155	62321.2282	3844840.6143
4616	462.5000	50586.1260	912831.0106	62285.1906	3845163.3693
4617	462.6000	50530.0470	912299.7855	62249.1716	3845485.9377
4618	462.7000	50474.0302	911768.8400	62213.1712	3845808.3196
4619	462.8000	50418.0755	911238.1740	62177.1896	3846130.5150
4620	462.9000	50362.1828	910707.7874	62141.2266	3846452.5240
4621	463.0000	50306.3521	910177.6801	62105.2823	3846774.3468
4622	463.1000	50250.5833	909647.8520	62069.3567	3847095.9835
4623	463.2000	50194.8762	909118.3029	62033.4496	3847417.4340
4624	463.3000	50139.2310	908589.0328	61997.5613	3847738.6986
4625	463.4000	50083.6474	908060.0416	61961.6915	3848059.7774
4626	463.5000	50028.1255	907531.3291	61925.8404	3848380.6704
4627	463.6000	49972.6651	907002.8952	61890.0079	3848701.3777
4628	463.7000	49917.2662	906474.7398	61854.1940	3849021.8994
4629	463.8000	49861.9287	905946.8629	61818.3987	3849342.2356
4630	463.9000	49806.6526	905419.2642	61782.6220	3849662.3865
4631	464.0000	49751.4377	904891.9437	61746.8639	3849982.3521
4632	464.1000	49696.2840	904364.9013	61711.1243	3850302.1324
4633	464.2000	49641.1915	903838.1368	61675.4034	3850621.7277
4634	464.3000	49586.1601	903311.6502	61639.7010	3850941.1380

4635	464.4000	49531.1896	902785.4413	61604.0171	3851260.3634
4636	464.5000	49476.2801	902259.5101	61568.3519	3851579.4039
4637	464.6000	49421.4315	901733.8564	61532.7051	3851898.2598
4638	464.7000	49366.6437	901208.4800	61497.0769	3852216.9310
4639	464.8000	49311.9166	900683.3810	61461.4673	3852535.4177
4640	464.9000	49257.2502	900158.5591	61425.8762	3852853.7200
4641	465.0000	49202.6444	899634.0144	61390.3035	3853171.8380
4642	465.1000	49148.0991	899109.7465	61354.7494	3853489.7717
4643	465.2000	49093.6143	898585.7556	61319.2138	3853807.5213
4644	465.3000	49039.1899	898062.0413	61283.6967	3854125.0869
4645	465.4000	48984.8258	897538.6037	61248.1981	3854442.4685
4646	465.5000	48930.5220	897015.4426	61212.7180	3854759.6662
4647	465.6000	48876.2784	896492.5579	61177.2563	3855076.6803
4648	465.7000	48822.0949	895969.9495	61141.8131	3855393.5106
4649	465.8000	48767.9715	895447.6173	61106.3884	3855710.1574
4650	465.9000	48713.9081	894925.5612	61070.9821	3856026.6207
4651	466.0000	48659.9047	894403.7810	61035.5943	3856342.9007
4652	466.1000	48605.9610	893882.2766	61000.2249	3856658.9974
4653	466.2000	48552.0772	893361.0480	60964.8740	3856974.9108
4654	466.3000	48498.2532	892840.0951	60929.5414	3857290.6413
4655	466.4000	48444.4888	892319.4176	60894.2273	3857606.1887
4656	466.5000	48390.7840	891799.0155	60858.9316	3857921.5532
4657	466.6000	48337.1387	891278.8888	60823.6544	3858236.7350
4658	466.7000	48283.5529	890759.0372	60788.3955	3858551.7340
4659	466.8000	48230.0265	890239.4607	60753.1550	3858866.5504

4660	466.9000	48176.5595	889720.1591	60717.9328	3859181.1843
4661	467.0000	48123.1517	889201.1324	60682.7291	3859495.6358
4662	467.1000	48069.8032	888682.3805	60647.5437	3859809.9050
4663	467.2000	48016.5137	888163.9031	60612.3767	3860123.9919
4664	467.3000	47963.2834	887645.7003	60577.2281	3860437.8968
4665	467.4000	47910.1120	887127.7719	60542.0978	3860751.6195
4666	467.5000	47856.9996	886610.1178	60506.9858	3861065.1604
4667	467.6000	47803.9461	886092.7378	60471.8922	3861378.5194
4668	467.7000	47750.9514	885575.6319	60436.8169	3861691.6966
4669	467.8000	47698.0155	885058.8000	60401.7599	3862004.6922
4670	467.9000	47645.1382	884542.2419	60366.7212	3862317.5062
4671	468.0000	47592.3196	884025.9576	60331.7009	3862630.1388
4672	468.1000	47539.5595	883509.9469	60296.6988	3862942.5900
4673	468.2000	47486.8579	882994.2097	60261.7150	3863254.8599
4674	468.3000	47434.2147	882478.7459	60226.7495	3863566.9486
4675	468.4000	47381.6299	881963.5554	60191.8023	3863878.8562
4676	468.5000	47329.1033	881448.6381	60156.8734	3864190.5829
4677	468.6000	47276.6350	880933.9938	60121.9627	3864502.1286
4678	468.7000	47224.2249	880419.6226	60087.0703	3864813.4936
4679	468.8000	47171.8729	879905.5241	60052.1961	3865124.6778
4680	468.9000	47119.5789	879391.6984	60017.3402	3865435.6814
4681	469.0000	47067.3428	878878.1453	59982.5025	3865746.5045
4682	469.1000	47015.1647	878364.8648	59947.6830	3866057.1472
4683	469.2000	46963.0445	877851.8566	59912.8818	3866367.6095
4684	469.3000	46910.9820	877339.1207	59878.0987	3866677.8916

4685	469.4000	46858.9772	876826.6570	59843.3339	3866987.9936
4686	469.5000	46807.0301	876314.4654	59808.5873	3867297.9155
4687	469.6000	46755.1405	875802.5458	59773.8589	3867607.6575
4688	469.7000	46703.3085	875290.8980	59739.1486	3867917.2196
4689	469.8000	46651.5340	874779.5219	59704.4565	3868226.6019
4690	469.9000	46599.8168	874268.4174	59669.7827	3868535.8046
4691	470.0000	46548.1570	873757.5845	59635.1269	3868844.8277
4692	470.1000	46496.5544	873247.0229	59600.4893	3869153.6713
4693	470.2000	46445.0091	872736.7327	59565.8699	3869462.3355
4694	470.3000	46393.5209	872226.7136	59531.2686	3869770.8204
4695	470.4000	46342.0898	871716.9656	59496.6855	3870079.1261
4696	470.5000	46290.7157	871207.4886	59462.1205	3870387.2527
4697	470.6000	46239.3985	870698.2824	59427.5736	3870695.2003
4698	470.7000	46188.1382	870189.3470	59393.0448	3871002.9690
4699	470.8000	46136.9348	869680.6821	59358.5341	3871310.5589
4700	470.9000	46085.7881	869172.2878	59324.0415	3871617.9700
4701	471.0000	46034.6981	868664.1639	59289.5671	3871925.2025
4702	471.1000	45983.6648	868156.3103	59255.1107	3872232.2564
4703	471.2000	45932.6880	867648.7268	59220.6723	3872539.1319
4704	471.3000	45881.7678	867141.4135	59186.2521	3872845.8290
4705	471.4000	45830.9040	866634.3700	59151.8499	3873152.3479
4706	471.5000	45780.0965	866127.5965	59117.4658	3873458.6886
4707	471.6000	45729.3455	865621.0926	59083.0997	3873764.8512
4708	471.7000	45678.6506	865114.8584	59048.7517	3874070.8358
4709	471.8000	45628.0120	864608.8937	59014.4217	3874376.6426

4710	471.9000	45577.4295	864103.1984	58980.1097	3874682.2715
4711	472.0000	45526.9031	863597.7724	58945.8158	3874987.7228
4712	472.1000	45476.4327	863092.6156	58911.5399	3875292.9964
4713	472.2000	45426.0182	862587.7279	58877.2820	3875598.0925
4714	472.3000	45375.6596	862083.1091	58843.0420	3875903.0112
4715	472.4000	45325.3569	861578.7591	58808.8201	3876207.7526
4716	472.5000	45275.1099	861074.6779	58774.6162	3876512.3167
4717	472.6000	45224.9187	860570.8653	58740.4302	3876816.7037
4718	472.7000	45174.7830	860067.3212	58706.2622	3877120.9137
4719	472.8000	45124.7030	859564.0456	58672.1122	3877424.9467
4720	472.9000	45074.6784	859061.0382	58637.9802	3877728.8028
4721	473.0000	45024.7094	858558.2990	58603.8661	3878032.4821
4722	473.1000	44974.7957	858055.8278	58569.7699	3878335.9848
4723	473.2000	44924.9373	857553.6247	58535.6917	3878639.3109
4724	473.3000	44875.1342	857051.6893	58501.6314	3878942.4605
4725	473.4000	44825.3864	856550.0217	58467.5890	3879245.4337
4726	473.5000	44775.6937	856048.6218	58433.5645	3879548.2305
4727	473.6000	44726.0560	855547.4893	58399.5580	3879850.8512
4728	473.7000	44676.4734	855046.6243	58365.5693	3880153.2958
4729	473.8000	44626.9458	854546.0265	58331.5986	3880455.5643
4730	473.9000	44577.4731	854045.6959	58297.6457	3880757.6569
4731	474.0000	44528.0552	853545.6324	58263.7107	3881059.5736
4732	474.1000	44478.6921	853045.8359	58229.7936	3881361.3146
4733	474.2000	44429.3837	852546.3062	58195.8943	3881662.8800
4734	474.3000	44380.1300	852047.0432	58162.0130	3881964.2697

4735	474.4000	44330.9309	851548.0469	58128.1494	3882265.4840
4736	474.5000	44281.7863	851049.3170	58094.3037	3882566.5230
4737	474.6000	44232.6962	850550.8536	58060.4759	3882867.3866
4738	474.7000	44183.6605	850052.6565	58026.6658	3883168.0750
4739	474.8000	44134.6792	849554.7255	57992.8736	3883468.5884
4740	474.9000	44085.7522	849057.0607	57959.0993	3883768.9267
4741	475.0000	44036.8795	848559.6617	57925.3427	3884069.0901
4742	475.1000	43988.0609	848062.5287	57891.6039	3884369.0787
4743	475.2000	43939.2964	847565.6613	57857.8829	3884668.8925
4744	475.3000	43890.5860	847069.0596	57824.1797	3884968.5317
4745	475.4000	43841.9296	846572.7234	57790.4943	3885267.9964
4746	475.5000	43793.3271	846076.6526	57756.8267	3885567.2866
4747	475.6000	43744.7785	845580.8472	57723.1768	3885866.4024
4748	475.7000	43696.2837	845085.3068	57689.5447	3886165.3440
4749	475.8000	43647.8427	844590.0316	57655.9303	3886464.1113
4750	475.9000	43599.4554	844095.0213	57622.3337	3886762.7046
4751	476.0000	43551.1217	843600.2759	57588.7548	3887061.1239
4752	476.1000	43502.8417	843105.7952	57555.1937	3887359.3693
4753	476.2000	43454.6151	842611.5791	57521.6502	3887657.4409
4754	476.3000	43406.4420	842117.6276	57488.1245	3887955.3387
4755	476.4000	43358.3223	841623.9404	57454.6165	3888253.0629
4756	476.5000	43310.2559	841130.5176	57421.1262	3888550.6136
4757	476.6000	43262.2429	840637.3589	57387.6536	3888847.9908
4758	476.7000	43214.2830	840144.4643	57354.1987	3889145.1947
4759	476.8000	43166.3764	839651.8337	57320.7615	3889442.2253

4760	476.9000	43118.5228	839159.4669	57287.3419	3889739.0827
4761	477.0000	43070.7223	838667.3639	57253.9400	3890035.7671
4762	477.1000	43022.9748	838175.5245	57220.5558	3890332.2785
4763	477.2000	42975.2802	837683.9486	57187.1892	3890628.6169
4764	477.3000	42927.6385	837192.6361	57153.8403	3890924.7826
4765	477.4000	42880.0495	836701.5869	57120.5090	3891220.7756
4766	477.5000	42832.5134	836210.8009	57087.1953	3891516.5959
4767	477.6000	42785.0300	835720.2780	57053.8993	3891812.2437
4768	477.7000	42737.5991	835230.0181	57020.6209	3892107.7190
4769	477.8000	42690.2209	834740.0209	56987.3601	3892403.0220
4770	477.9000	42642.8952	834250.2866	56954.1169	3892698.1528
4771	478.0000	42595.6220	833760.8148	56920.8912	3892993.1114
4772	478.1000	42548.4011	833271.6056	56887.6832	3893287.8979
4773	478.2000	42501.2326	832782.6588	56854.4928	3893582.5124
4774	478.3000	42454.1164	832293.9743	56821.3199	3893876.9550
4775	478.4000	42407.0525	831805.5520	56788.1646	3894171.2258
4776	478.5000	42360.0407	831317.3918	56755.0268	3894465.3249
4777	478.6000	42313.0810	830829.4935	56721.9066	3894759.2524
4778	478.7000	42266.1734	830341.8571	56688.8040	3895053.0084
4779	478.8000	42219.3178	829854.4824	56655.7189	3895346.5929
4780	478.9000	42172.5141	829367.3694	56622.6513	3895640.0060
4781	479.0000	42125.7623	828880.5179	56589.6013	3895933.2480
4782	479.1000	42079.0624	828393.9278	56556.5687	3896226.3187
4783	479.2000	42032.4142	827907.5990	56523.5537	3896519.2184
4784	479.3000	41985.8177	827421.5314	56490.5562	3896811.9471

4785	479.4000	41939.2729	826935.7249	56457.5762	3897104.5048
4786	479.5000	41892.7797	826450.1793	56424.6136	3897396.8918
4787	479.6000	41846.3380	825964.8946	56391.6686	3897689.1081
4788	479.7000	41799.9478	825479.8707	56358.7410	3897981.1537
4789	479.8000	41753.6091	824995.1074	56325.8309	3898273.0289
4790	479.9000	41707.3217	824510.6046	56292.9382	3898564.7335
4791	480.0000	41661.0856	824026.3622	56260.0630	3898856.2678
4792	480.1000	41614.9008	823542.3802	56227.2053	3899147.6319
4793	480.2000	41568.7671	823058.6583	56194.3650	3899438.8258
4794	480.3000	41522.6847	822575.1965	56161.5421	3899729.8496
4795	480.4000	41476.6533	822091.9947	56128.7366	3900020.7034
4796	480.5000	41430.6729	821609.0528	56095.9486	3900311.3873
4797	480.6000	41384.7435	821126.3706	56063.1779	3900601.9014
4798	480.7000	41338.8650	820643.9481	56030.4247	3900892.2458
4799	480.8000	41293.0374	820161.7851	55997.6889	3901182.4206
4800	480.9000	41247.2606	819679.8815	55964.9705	3901472.4258
4801	481.0000	41201.5346	819198.2372	55932.2694	3901762.2616
4802	481.1000	41155.8592	818716.8521	55899.5857	3902051.9280
4803	481.2000	41110.2344	818235.7261	55866.9194	3902341.4251
4804	481.3000	41064.6603	817754.8591	55834.2704	3902630.7531
4805	481.4000	41019.1367	817274.2509	55801.6388	3902919.9120
4806	481.5000	40973.6635	816793.9015	55769.0246	3903208.9018
4807	481.6000	40928.2407	816313.8108	55736.4277	3903497.7228
4808	481.7000	40882.8683	815833.9786	55703.8481	3903786.3749
4809	481.8000	40837.5462	815354.4048	55671.2858	3904074.8584

4810	481.9000	40792.2744	814875.0893	55638.7409	3904363.1731
4811	482.0000	40747.0527	814396.0321	55606.2133	3904651.3194
4812	482.1000	40701.8811	813917.2329	55573.7029	3904939.2971
4813	482.2000	40656.7597	813438.6917	55541.2099	3905227.1065
4814	482.3000	40611.6882	812960.4084	55508.7342	3905514.7476
4815	482.4000	40566.6668	812482.3829	55476.2757	3905802.2205
4816	482.5000	40521.6952	812004.6150	55443.8345	3906089.5253
4817	482.6000	40476.7735	811527.1046	55411.4106	3906376.6621
4818	482.7000	40431.9016	811049.8517	55379.0040	3906663.6310
4819	482.8000	40387.0794	810572.8561	55346.6146	3906950.4321
4820	482.9000	40342.3069	810096.1177	55314.2424	3907237.0654
4821	483.0000	40297.5841	809619.6364	55281.8875	3907523.5310
4822	483.1000	40252.9108	809143.4121	55249.5498	3907809.8291
4823	483.2000	40208.2871	808667.4447	55217.2294	3908095.9597
4824	483.3000	40163.7128	808191.7340	55184.9261	3908381.9229
4825	483.4000	40119.1879	807716.2800	55152.6401	3908667.7188
4826	483.5000	40074.7124	807241.0826	55120.3713	3908953.3475
4827	483.6000	40030.2862	806766.1416	55088.1197	3909238.8091
4828	483.7000	39985.9093	806291.4569	55055.8852	3909524.1036
4829	483.8000	39941.5815	805817.0284	55023.6680	3909809.2312
4830	483.9000	39897.3029	805342.8561	54991.4679	3910094.1920
4831	484.0000	39853.0734	804868.9397	54959.2850	3910378.9860
4832	484.1000	39808.8929	804395.2792	54927.1193	3910663.6133
4833	484.2000	39764.7614	803921.8745	54894.9707	3910948.0740
4834	484.3000	39720.6788	803448.7255	54862.8392	3911232.3682

4835	484.4000	39676.6451	802975.8320	54830.7249	3911516.4960
4836	484.5000	39632.6602	802503.1940	54798.6278	3911800.4575
4837	484.6000	39588.7241	802030.8113	54766.5477	3912084.2528
4838	484.7000	39544.8366	801558.6838	54734.4848	3912367.8819
4839	484.8000	39500.9978	801086.8114	54702.4390	3912651.3450
4840	484.9000	39457.2077	800615.1941	54670.4103	3912934.6421
4841	485.0000	39413.4660	800143.8316	54638.3987	3913217.7733
4842	485.1000	39369.7729	799672.7239	54606.4041	3913500.7388
4843	485.2000	39326.1282	799201.8709	54574.4267	3913783.5385
4844	485.3000	39282.5318	798731.2725	54542.4663	3914066.1726
4845	485.4000	39238.9838	798260.9285	54510.5230	3914348.6412
4846	485.5000	39195.4841	797790.8389	54478.5968	3914630.9444
4847	485.6000	39152.0326	797321.0034	54446.6876	3914913.0822
4848	485.7000	39108.6293	796851.4222	54414.7955	3915195.0548
4849	485.8000	39065.2741	796382.0949	54382.9204	3915476.8622
4850	485.9000	39021.9669	795913.0215	54351.0624	3915758.5045
4851	486.0000	38978.7078	795444.2019	54319.2213	3916039.9818
4852	486.1000	38935.4966	794975.6360	54287.3973	3916321.2942
4853	486.2000	38892.3334	794507.3237	54255.5903	3916602.4418
4854	486.3000	38849.2179	794039.2648	54223.8004	3916883.4247
4855	486.4000	38806.1503	793571.4593	54192.0274	3917164.2429
4856	486.5000	38763.1304	793103.9070	54160.2714	3917444.8966
4857	486.6000	38720.1582	792636.6079	54128.5323	3917725.3858
4858	486.7000	38677.2337	792169.5618	54096.8103	3918005.7107
4859	486.8000	38634.3567	791702.7686	54065.1052	3918285.8712

4860	486.9000	38591.5272	791236.2282	54033.4171	3918565.8676
4861	487.0000	38548.7453	790769.9405	54001.7460	3918845.6998
4862	487.1000	38506.0108	790303.9054	53970.0918	3919125.3680
4863	487.2000	38463.3236	789838.1227	53938.4545	3919404.8723
4864	487.3000	38420.6838	789372.5924	53906.8342	3919684.2127
4865	487.4000	38378.0912	788907.3144	53875.2308	3919963.3894
4866	487.5000	38335.5459	788442.2885	53843.6443	3920242.4023
4867	487.6000	38293.0477	787977.5146	53812.0747	3920521.2517
4868	487.7000	38250.5966	787512.9927	53780.5220	3920799.9376
4869	487.8000	38208.1926	787048.7225	53748.9863	3921078.4601
4870	487.9000	38165.8356	786584.7041	53717.4674	3921356.8193
4871	488.0000	38123.5255	786120.9373	53685.9654	3921635.0152
4872	488.1000	38081.2624	785657.4219	53654.4803	3921913.0480
4873	488.2000	38039.0461	785194.1580	53623.0120	3922190.9177
4874	488.3000	37996.8766	784731.1453	53591.5607	3922468.6245
4875	488.4000	37954.7539	784268.3837	53560.1261	3922746.1683
4876	488.5000	37912.6779	783805.8732	53528.7085	3923023.5494
4877	488.6000	37870.6485	783343.6136	53497.3076	3923300.7677
4878	488.7000	37828.6657	782881.6049	53465.9236	3923577.8235
4879	488.8000	37786.7294	782419.8468	53434.5565	3923854.7166
4880	488.9000	37744.8396	781958.3394	53403.2061	3924131.4474
4881	489.0000	37702.9963	781497.0825	53371.8726	3924408.0157
4882	489.1000	37661.1993	781036.0759	53340.5558	3924684.4218
4883	489.2000	37619.4487	780575.3196	53309.2559	3924960.6657
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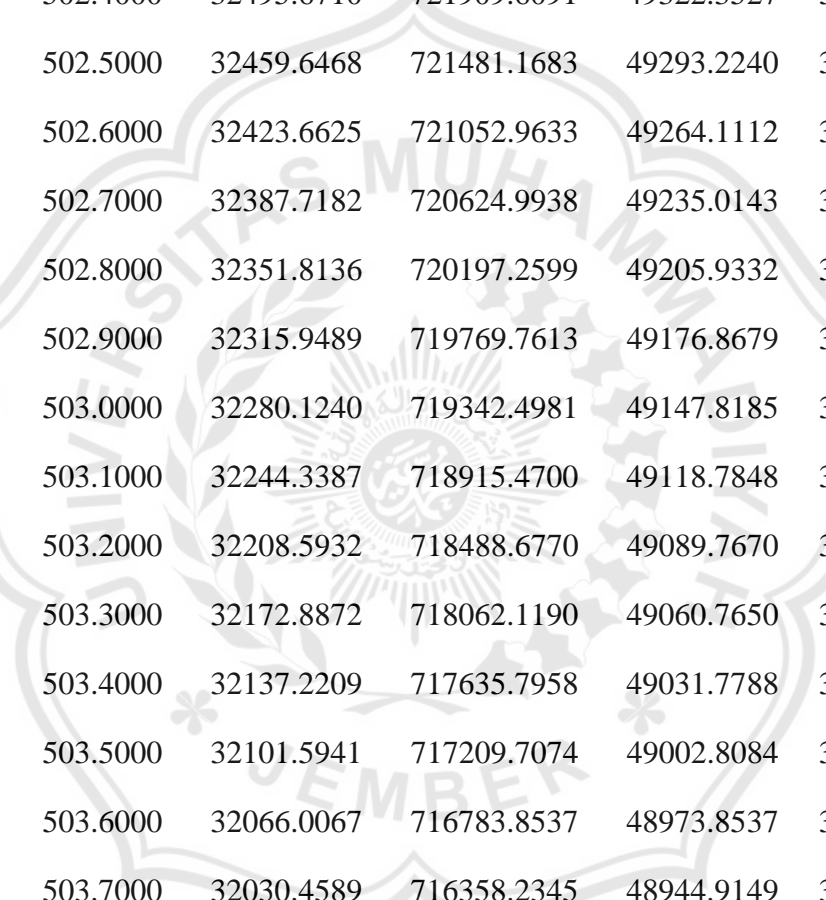
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4886	489.5000	37494.4744	779194.5514	53215.4568	3925788.4252
4887	489.6000	37452.9086	778734.7951	53184.2240	3926064.0212
4888	489.7000	37411.3889	778275.2886	53153.0080	3926339.4555
4889	489.8000	37369.9152	777816.0316	53121.8087	3926614.7280
4890	489.9000	37328.4875	777357.0242	53090.6262	3926889.8391
4891	490.0000	37287.1058	776898.2662	53059.4604	3927164.7886
4892	490.1000	37245.7699	776439.7575	53028.3113	3927439.5767
4893	490.2000	37204.4798	775981.4980	52997.1790	3927714.2035
4894	490.3000	37163.2355	775523.4875	52966.0634	3927988.6690
4895	490.4000	37122.0369	775065.7260	52934.9645	3928262.9734
4896	490.5000	37080.8840	774608.2133	52903.8823	3928537.1168
4897	490.6000	37039.7767	774150.9494	52872.8168	3928811.0991
4898	490.7000	36998.7150	773693.9341	52841.7680	3929084.9206
4899	490.8000	36957.6988	773237.1674	52810.7359	3929358.5813
4900	490.9000	36916.7281	772780.6490	52779.7204	3929632.0813
4901	491.0000	36875.8028	772324.3790	52748.7217	3929905.4206
4902	491.1000	36834.9229	771868.3571	52717.7396	3930178.5994
4903	491.2000	36794.0882	771412.5834	52686.7741	3930451.6177
4904	491.3000	36753.2989	770957.0576	52655.8253	3930724.4757
4905	491.4000	36712.5548	770501.7797	52624.8932	3930997.1734
4906	491.5000	36671.8558	770046.7495	52593.9777	3931269.7109
4907	491.6000	36631.2020	769591.9670	52563.0788	3931542.0882
4908	491.7000	36590.5932	769137.4320	52532.1965	3931814.3056
4909	491.8000	36550.0294	768683.1445	52501.3309	3932086.3630

4910	491.9000	36509.5106	768229.1042	52470.4819	3932358.2606
4911	492.0000	36469.0368	767775.3112	52439.6494	3932629.9984
4912	492.1000	36428.6078	767321.7653	52408.8336	3932901.5765
4913	492.2000	36388.2236	766868.4664	52378.0343	3933172.9950
4914	492.3000	36347.8842	766415.4144	52347.2517	3933444.2540
4915	492.4000	36307.5895	765962.6091	52316.4855	3933715.3536
4916	492.5000	36267.3395	765510.0505	52285.7360	3933986.2938
4917	492.6000	36227.1341	765057.7385	52255.0030	3934257.0748
4918	492.7000	36186.9732	764605.6729	52224.2866	3934527.6966
4919	492.8000	36146.8569	764153.8536	52193.5867	3934798.1594
4920	492.9000	36106.7851	763702.2806	52162.9034	3935068.4631
4921	493.0000	36066.7577	763250.9536	52132.2365	3935338.6080
4922	493.1000	36026.7746	762799.8727	52101.5862	3935608.5940
4923	493.2000	35986.8359	762349.0377	52070.9525	3935878.4213
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4925	493.4000	35907.0913	761448.1050	52009.7344	3936417.5999
4926	493.5000	35867.2852	760998.0070	51979.1501	3936686.9515
4927	493.6000	35827.5233	760548.1546	51948.5824	3936956.1447
4928	493.7000	35787.8055	760098.5474	51918.0310	3937225.1796
4929	493.8000	35748.1317	759649.1855	51887.4962	3937494.0562
4930	493.9000	35708.5019	759200.0688	51856.9778	3937762.7747
4931	494.0000	35668.9160	758751.1971	51826.4759	3938031.3352
4932	494.1000	35629.3740	758302.5703	51795.9905	3938299.7377
4933	494.2000	35589.8759	757854.1883	51765.5215	3938567.9823
4934	494.3000	35550.4215	757406.0510	51735.0689	3938836.0691

4935	494.4000	35511.0108	756958.1583	51704.6327	3939103.9982
4936	494.5000	35471.6439	756510.5101	51674.2130	3939371.7696
4937	494.6000	35432.3206	756063.1062	51643.8097	3939639.3835
4938	494.7000	35393.0409	755615.9466	51613.4228	3939906.8400
4939	494.8000	35353.8047	755169.0312	51583.0523	3940174.1391
4940	494.9000	35314.6120	754722.3599	51552.6982	3940441.2809
4941	495.0000	35275.4628	754275.9324	51522.3605	3940708.2655
4942	495.1000	35236.3570	753829.7488	51492.0392	3940975.0929
4943	495.2000	35197.2945	753383.8090	51461.7343	3941241.7634
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4945	495.4000	35119.2995	752492.6599	51401.1734	3941774.6335
4946	495.5000	35080.3668	752047.4506	51370.9176	3942040.8333
4947	495.6000	35041.4772	751602.4845	51340.6781	3942306.8765
4948	495.7000	35002.6308	751157.7616	51310.4549	3942572.7630
4949	495.8000	34963.8274	750713.2818	51280.2480	3942838.4931
4950	495.9000	34925.0671	750269.0449	51250.0575	3943104.0666
4951	496.0000	34886.3497	749825.0509	51219.8833	3943369.4838
4952	496.1000	34847.6752	749381.2996	51189.7254	3943634.7448
4953	496.2000	34809.0436	748937.7910	51159.5838	3943899.8496
4954	496.3000	34770.4549	748494.5249	51129.4585	3944164.7982
4955	496.4000	34731.9089	748051.5012	51099.3495	3944429.5908
4956	496.5000	34693.4057	747608.7198	51069.2567	3944694.2275
4957	496.6000	34654.9451	747166.1806	51039.1803	3944958.7084
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4960	496.9000	34539.8190	745840.0152	50949.0485	3945751.2167
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4962	497.1000	34463.2809	744957.1139	50889.0419	3946278.7779
4963	497.2000	34425.0754	744516.0257	50859.0630	3946542.3254
4964	497.3000	34386.9124	744075.1789	50829.1003	3946805.7176
4965	497.4000	34348.7916	743634.5734	50799.1538	3947068.9547
4966	497.5000	34310.7130	743194.2091	50769.2235	3947332.0367
4967	497.6000	34272.6767	742754.0860	50739.3094	3947594.9637
4968	497.7000	34234.6826	742314.2039	50709.4115	3947857.7358
4969	497.8000	34196.7305	741874.5626	50679.5298	3948120.3530
4970	497.9000	34158.8206	741435.1622	50649.6643	3948382.8154
4971	498.0000	34120.9527	740996.0025	50619.8150	3948645.1232
4972	498.1000	34083.1267	740557.0833	50589.9818	3948907.2764
4973	498.2000	34045.3427	740118.4046	50560.1648	3949169.2751
4974	498.3000	34007.6006	739679.9662	50530.3639	3949431.1194
4975	498.4000	33969.9003	739241.7681	50500.5792	3949692.8093
4976	498.5000	33932.2418	738803.8101	50470.8107	3949954.3450
4977	498.6000	33894.6250	738366.0922	50441.0583	3950215.7265
4978	498.7000	33857.0500	737928.6142	50411.3220	3950476.9539
4979	498.8000	33819.5166	737491.3760	50381.6018	3950738.0273
4980	498.9000	33782.0248	737054.3776	50351.8978	3950998.9468
4981	499.0000	33744.5746	736617.6187	50322.2098	3951259.7125
4982	499.1000	33707.1659	736181.0993	50292.5379	3951520.3244
4983	499.2000	33669.7986	735744.8193	50262.8822	3951780.7826
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4987	499.6000	33520.7435	734002.0910	50144.4199	3952821.0805
4988	499.7000	33483.5829	733567.0063	50114.8445	3953080.7717
4989	499.8000	33446.4636	733132.1604	50085.2852	3953340.3096
4990	499.9000	33409.3853	732697.5531	50055.7419	3953599.6945
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4994	500.3000	33261.4830	730961.5079	49937.7289	3954635.7048
4995	500.4000	33224.6099	730528.0921	49908.2657	3954894.3255
4996	500.5000	33187.7776	730094.9143	49878.8185	3955152.7936
4997	500.6000	33150.9862	729661.9743	49849.3873	3955411.1091
4998	500.7000	33114.2355	729229.2722	49819.9721	3955669.2723
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5000	500.9000	33040.8563	728364.5807	49761.1896	3956185.1417
5001	501.0000	33004.2278	727932.5912	49731.8223	3956442.8481
5002	501.1000	32967.6398	727500.8390	49702.4710	3956700.4024
5003	501.2000	32931.0924	727069.3240	49673.1356	3956957.8047
5004	501.3000	32894.5855	726638.0462	49643.8162	3957215.0550
5005	501.4000	32858.1191	726207.0054	49614.5127	3957472.1535
5006	501.5000	32821.6931	725776.2014	49585.2251	3957729.1003
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5008	501.7000	32748.9622	724915.3039	49526.6977	3958242.5388
5009	501.8000	32712.6572	724485.2100	49497.4579	3958499.0308



5010	501.9000	32676.3925	724055.3526	49468.2340	3958755.3713
5011	502.0000	32640.1680	723625.7316	49439.0259	3959011.5605
5012	502.1000	32603.9836	723196.3469	49409.8338	3959267.5984
5013	502.2000	32567.8393	722767.1983	49380.6576	3959523.4851
5014	502.3000	32531.7351	722338.2857	49351.4972	3959779.2207
5015	502.4000	32495.6710	721909.6091	49322.3527	3960034.8053
5016	502.5000	32459.6468	721481.1683	49293.2240	3960290.2390
5017	502.6000	32423.6625	721052.9633	49264.1112	3960545.5218
5018	502.7000	32387.7182	720624.9938	49235.0143	3960800.6538
5019	502.8000	32351.8136	720197.2599	49205.9332	3961055.6352
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5021	503.0000	32280.1240	719342.4981	49147.8185	3961565.1461
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5023	503.2000	32208.5932	718488.6770	49089.7670	3962074.0552
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5026	503.5000	32101.5941	717209.7074	49002.8084	3962836.2920
5027	503.6000	32066.0067	716783.8537	48973.8537	3963090.0708
5028	503.7000	32030.4589	716358.2345	48944.9149	3963343.6996
5029	503.8000	31994.9504	715932.8497	48915.9918	3963597.1785
5030	503.9000	31959.4813	715507.6992	48887.0845	3963850.5076
5031	504.0000	31924.0515	715082.7830	48858.1929	3964103.6870
5032	504.1000	31888.6610	714658.1009	48829.3171	3964356.7168
5033	504.2000	31853.3098	714233.6528	48800.4570	3964609.5970
5034	504.3000	31817.9977	713809.4386	48771.6126	3964862.3278

5035	504.4000	31782.7248	713385.4582	48742.7840	3965114.9092
5036	504.5000	31747.4909	712961.7114	48713.9711	3965367.3413
5037	504.6000	31712.2962	712538.1983	48685.1739	3965619.6241
5038	504.7000	31677.1404	712114.9186	48656.3925	3965871.7579
5039	504.8000	31642.0236	711691.8723	48627.6267	3966123.7425
5040	504.9000	31606.9458	711269.0592	48598.8766	3966375.5782
5041	505.0000	31571.9068	710846.4793	48570.1422	3966627.2650
5042	505.1000	31536.9067	710424.1324	48541.4235	3966878.8030
5043	505.2000	31501.9454	710002.0185	48512.7204	3967130.1922
5044	505.3000	31467.0228	709580.1374	48484.0331	3967381.4328
5045	505.4000	31432.1390	709158.4890	48455.3613	3967632.5248
5046	505.5000	31397.2938	708737.0732	48426.7053	3967883.4684
5047	505.6000	31362.4873	708315.8900	48398.0649	3968134.2635
5048	505.7000	31327.7193	707894.9391	48369.4401	3968384.9103
5049	505.8000	31292.9899	707474.2206	48340.8309	3968635.4088
5050	505.9000	31258.2990	707053.7342	48312.2374	3968885.7592
5051	506.0000	31223.6465	706633.4799	48283.6595	3969135.9615
5052	506.1000	31189.0325	706213.4576	48255.0971	3969386.0158
5053	506.2000	31154.4568	705793.6672	48226.5504	3969635.9221
5054	506.3000	31119.9195	705374.1085	48198.0193	3969885.6807
5055	506.4000	31085.4204	704954.7815	48169.5038	3970135.2914
5056	506.5000	31050.9596	704535.6860	48141.0039	3970384.7545
5057	506.6000	31016.5370	704116.8219	48112.5195	3970634.0700
5058	506.7000	30982.1526	703698.1892	48084.0507	3970883.2379
5059	506.8000	30947.8062	703279.7878	48055.5975	3971132.2585

5060	506.9000	30913.4980	702861.6174	48027.1598	3971381.1316
5061	507.0000	30879.2278	702443.6781	47998.7377	3971629.8575
5062	507.1000	30844.9955	702025.9697	47970.3311	3971878.4362
5063	507.2000	30810.8013	701608.4920	47941.9400	3972126.8678
5064	507.3000	30776.6449	701191.2451	47913.5645	3972375.1523
5065	507.4000	30742.5264	700774.2288	47885.2044	3972623.2899
5066	507.5000	30708.4457	700357.4429	47856.8599	3972871.2806
5067	507.6000	30674.4028	699940.8875	47828.5309	3973119.1245
5068	507.7000	30640.3977	699524.5623	47800.2174	3973366.8217
5069	507.8000	30606.4302	699108.4672	47771.9194	3973614.3722
5070	507.9000	30572.5004	698692.6022	47743.6369	3973861.7762
5071	508.0000	30538.6082	698276.9672	47715.3699	3974109.0337
5072	508.1000	30504.7536	697861.5620	47687.1183	3974356.1449
5073	508.2000	30470.9365	697446.3866	47658.8822	3974603.1097
5074	508.3000	30437.1569	697031.4408	47630.6615	3974849.9283
5075	508.4000	30403.4147	696616.7245	47602.4563	3975096.6007
5076	508.5000	30369.7100	696202.2377	47574.2665	3975343.1270
5077	508.6000	30336.0426	695787.9801	47546.0922	3975589.5074
5078	508.7000	30302.4125	695373.9518	47517.9333	3975835.7419
5079	508.8000	30268.8198	694960.1526	47489.7898	3976081.8305
5080	508.9000	30235.2642	694546.5823	47461.6618	3976327.7733
5081	509.0000	30201.7459	694133.2410	47433.5491	3976573.5705
5082	509.1000	30168.2647	693720.1284	47405.4518	3976819.2221
5083	509.2000	30134.8207	693307.2445	47377.3700	3977064.7282
5084	509.3000	30101.4137	692894.5892	47349.3035	3977310.0888

5085	509.4000	30068.0437	692482.1624	47321.2524	3977555.3041
5086	509.5000	30034.7108	692069.9639	47293.2167	3977800.3741
5087	509.6000	30001.4148	691657.9937	47265.1963	3978045.2989
5088	509.7000	29968.1557	691246.2516	47237.1913	3978290.0786
5089	509.8000	29934.9334	690834.7376	47209.2017	3978534.7133
5090	509.9000	29901.7480	690423.4515	47181.2274	3978779.2030
5091	510.0000	29868.5994	690012.3932	47153.2684	3979023.5478
5092	510.1000	29835.4876	689601.5627	47125.3248	3979267.7478
5093	510.2000	29802.4124	689190.9597	47097.3965	3979511.8031
5094	510.3000	29769.3739	688780.5843	47069.4835	3979755.7138
5095	510.4000	29736.3721	688370.4363	47041.5859	3979999.4799
5096	510.5000	29703.4068	687960.5156	47013.7035	3980243.1015
5097	510.6000	29670.4781	687550.8221	46985.8364	3980486.5787
5098	510.7000	29637.5858	687141.3557	46957.9846	3980729.9116
5099	510.8000	29604.7301	686732.1163	46930.1481	3980973.1003
5100	510.9000	29571.9108	686323.1038	46902.3269	3981216.1447
5101	511.0000	29539.1278	685914.3180	46874.5210	3981459.0452
5102	511.1000	29506.3812	685505.7589	46846.7303	3981701.8016
5103	511.2000	29473.6709	685097.4263	46818.9549	3981944.4140
5104	511.3000	29440.9968	684689.3203	46791.1947	3982186.8826
5105	511.4000	29408.3590	684281.4405	46763.4497	3982429.2075
5106	511.5000	29375.7574	683873.7871	46735.7200	3982671.3887
5107	511.6000	29343.1919	683466.3597	46708.0055	3982913.4262
5108	511.7000	29310.6625	683059.1584	46680.3063	3983155.3202
5109	511.8000	29278.1691	682652.1830	46652.6222	3983397.0708

5110	511.9000	29245.7118	682245.4335	46624.9534	3983638.6780
5111	512.0000	29213.2905	681838.9097	46597.2998	3983880.1419
5112	512.1000	29180.9051	681432.6114	46569.6613	3984121.4626
5113	512.2000	29148.5556	681026.5387	46542.0381	3984362.6401
5114	512.3000	29116.2420	680620.6914	46514.4300	3984603.6746
5115	512.4000	29083.9641	680215.0694	46486.8371	3984844.5661
5116	512.5000	29051.7221	679809.6726	46459.2594	3985085.3147
5117	512.6000	29019.5158	679404.5009	46431.6968	3985325.9204
5118	512.7000	28987.3453	678999.5541	46404.1494	3985566.3835
5119	512.8000	28955.2104	678594.8323	46376.6171	3985806.7038
5120	512.9000	28923.1111	678190.3352	46349.0999	3986046.8816
5121	513.0000	28891.0474	677786.0628	46321.5979	3986286.9168
5122	513.1000	28859.0192	677382.0149	46294.1111	3986526.8097
5123	513.2000	28827.0265	676978.1915	46266.6393	3986766.5601
5124	513.3000	28795.0694	676574.5924	46239.1826	3987006.1683
5125	513.4000	28763.1476	676171.2176	46211.7411	3987245.6343
5126	513.5000	28731.2612	675768.0670	46184.3146	3987484.9582
5127	513.6000	28699.4102	675365.1403	46156.9033	3987724.1401
5128	513.7000	28667.5945	674962.4376	46129.5070	3987963.1799
5129	513.8000	28635.8140	674559.9588	46102.1258	3988202.0779
5130	513.9000	28604.0688	674157.7036	46074.7597	3988440.8341
5131	514.0000	28572.3588	673755.6721	46047.4086	3988679.4486
5132	514.1000	28540.6839	673353.8641	46020.0726	3988917.9214
5133	514.2000	28509.0442	672952.2794	45992.7516	3989156.2526
5134	514.3000	28477.4395	672550.9181	45965.4457	3989394.4424

5135	514.4000	28445.8699	672149.7800	45938.1548	3989632.4907
5136	514.5000	28414.3352	671748.8650	45910.8789	3989870.3977
5137	514.6000	28382.8355	671348.1730	45883.6181	3990108.1634
5138	514.7000	28351.3708	670947.7038	45856.3723	3990345.7880
5139	514.8000	28319.9409	670547.4575	45829.1415	3990583.2714
5140	514.9000	28288.5459	670147.4338	45801.9256	3990820.6138
5141	515.0000	28257.1856	669747.6326	45774.7248	3991057.8153
5142	515.1000	28225.8602	669348.0540	45747.5390	3991294.8759
5143	515.2000	28194.5694	668948.6977	45720.3681	3991531.7957
5144	515.3000	28163.3134	668549.5636	45693.2123	3991768.5747
5145	515.4000	28132.0919	668150.6517	45666.0713	3992005.2132
5146	515.5000	28100.9052	667751.9619	45638.9454	3992241.7110
5147	515.6000	28069.7529	667353.4940	45611.8344	3992478.0684
5148	515.7000	28038.6352	666955.2479	45584.7383	3992714.2854
5149	515.8000	28007.5521	666557.2236	45557.6572	3992950.3621
5150	515.9000	27976.5033	666159.4209	45530.5911	3993186.2985
5151	516.0000	27945.4890	665761.8397	45503.5398	3993422.0947
5152	516.1000	27914.5091	665364.4800	45476.5035	3993657.7508
5153	516.2000	27883.5635	664967.3415	45449.4820	3993893.2670
5154	516.3000	27852.6522	664570.4243	45422.4755	3994128.6431
5155	516.4000	27821.7752	664173.7281	45395.4839	3994363.8794
5156	516.5000	27790.9324	663777.2530	45368.5072	3994598.9759
5157	516.6000	27760.1238	663380.9988	45341.5453	3994833.9327
5158	516.7000	27729.3494	662984.9654	45314.5984	3995068.7499
5159	516.8000	27698.6091	662589.1526	45287.6663	3995303.4275

5160	516.9000	27667.9028	662193.5605	45260.7490	3995537.9657
5161	517.0000	27637.2306	661798.1888	45233.8467	3995772.3644
5162	517.1000	27606.5924	661403.0375	45206.9591	3996006.6238
5163	517.2000	27575.9882	661008.1065	45180.0865	3996240.7439
5164	517.3000	27545.4179	660613.3956	45153.2286	3996474.7249
5165	517.4000	27514.8815	660218.9049	45126.3856	3996708.5668
5166	517.5000	27484.3789	659824.6340	45099.5574	3996942.2697
5167	517.6000	27453.9102	659430.5831	45072.7440	3997175.8336
5168	517.7000	27423.4752	659036.7518	45045.9455	3997409.2586
5169	517.8000	27393.0740	658643.1403	45019.1617	3997642.5449
5170	517.9000	27362.7064	658249.7483	44992.3927	3997875.6925
5171	518.0000	27332.3726	657856.5757	44965.6386	3998108.7014
5172	518.1000	27302.0723	657463.6224	44938.8992	3998341.5717
5173	518.2000	27271.8057	657070.8884	44912.1746	3998574.3036
5174	518.3000	27241.5726	656678.3736	44885.4647	3998806.8971
5175	518.4000	27211.3730	656286.0777	44858.7696	3999039.3522
5176	518.5000	27181.2069	655894.0008	44832.0893	3999271.6691
5177	518.6000	27151.0743	655502.1427	44805.4237	3999503.8479
5178	518.7000	27120.9750	655110.5033	44778.7729	3999735.8885
5179	518.8000	27090.9091	654719.0825	44752.1367	3999967.7911
5180	518.9000	27060.8766	654327.8802	44725.5154	4000199.5557
5181	519.0000	27030.8773	653936.8964	44698.9087	4000431.1825
5182	519.1000	27000.9113	653546.1308	44672.3168	4000662.6715
5183	519.2000	26970.9785	653155.5834	44645.7395	4000894.0227
5184	519.3000	26941.0789	652765.2541	44619.1770	4001125.2363

5185	519.4000	26911.2125	652375.1428	44592.6291	4001356.3124
5186	519.5000	26881.3791	651985.2494	44566.0960	4001587.2509
5187	519.6000	26851.5788	651595.5738	44539.5775	4001818.0521
5188	519.7000	26821.8116	651206.1159	44513.0737	4002048.7159
5189	519.8000	26792.0774	650816.8755	44486.5846	4002279.2424
5190	519.9000	26762.3761	650427.8526	44460.1101	4002509.6318
5191	520.0000	26732.7077	650039.0471	44433.6502	4002739.8841
5192	520.1000	26703.0723	649650.4588	44407.2051	4002969.9993
5193	520.2000	26673.4697	649262.0877	44380.7745	4003199.9775
5194	520.3000	26643.8999	648873.9337	44354.3586	4003429.8189
5195	520.4000	26614.3629	648485.9966	44327.9573	4003659.5235
5196	520.5000	26584.8586	648098.2764	44301.5707	4003889.0913
5197	520.6000	26555.3871	647710.7729	44275.1986	4004118.5225
5198	520.7000	26525.9482	647323.4861	44248.8412	4004347.8171
5199	520.8000	26496.5419	646936.4158	44222.4983	4004576.9752
5200	520.9000	26467.1683	646549.5619	44196.1701	4004805.9969
5201	521.0000	26437.8272	646162.9244	44169.8564	4005034.8822
5202	521.1000	26408.5186	645776.5031	44143.5573	4005263.6312
5203	521.2000	26379.2426	645390.2980	44117.2728	4005492.2440
5204	521.3000	26349.9990	645004.3089	44091.0028	4005720.7208
5205	521.4000	26320.7878	644618.5357	44064.7475	4005949.0614
5206	521.5000	26291.6090	644232.9783	44038.5066	4006177.2661
5207	521.6000	26262.4625	643847.6366	44012.2803	4006405.3349
5208	521.7000	26233.3483	643462.5106	43986.0685	4006633.2678
5209	521.8000	26204.2665	643077.6001	43959.8713	4006861.0651

5210	521.9000	26175.2168	642692.9049	43933.6886	4007088.7266
5211	522.0000	26146.1994	642308.4251	43907.5204	4007316.2525
5212	522.1000	26117.2141	641924.1605	43881.3667	4007543.6429
5213	522.2000	26088.2610	641540.1110	43855.2276	4007770.8979
5214	522.3000	26059.3400	641156.2765	43829.1029	4007998.0175
5215	522.4000	26030.4510	640772.6569	43802.9927	4008225.0018
5216	522.5000	26001.5940	640389.2521	43776.8970	4008451.8508
5217	522.6000	25972.7691	640006.0619	43750.8158	4008678.5648
5218	522.7000	25943.9761	639623.0864	43724.7490	4008905.1436
5219	522.8000	25915.2150	639240.3253	43698.6967	4009131.5875
5220	522.9000	25886.4858	638857.7786	43672.6589	4009357.8964
5221	523.0000	25857.7885	638475.4463	43646.6355	4009584.0705
5222	523.1000	25829.1229	638093.3280	43620.6265	4009810.1098
5223	523.2000	25800.4892	637711.4239	43594.6320	4010036.0144
5224	523.3000	25771.8871	637329.7337	43568.6520	4010261.7843
5225	523.4000	25743.3168	636948.2574	43542.6863	4010487.4198
5226	523.5000	25714.7782	636566.9949	43516.7351	4010712.9207
5227	523.6000	25686.2712	636185.9460	43490.7982	4010938.2873
5228	523.7000	25657.7958	635805.1107	43464.8758	4011163.5195
5229	523.8000	25629.3520	635424.4888	43438.9678	4011388.6175
5230	523.9000	25600.9397	635044.0804	43413.0741	4011613.5813
5231	524.0000	25572.5589	634663.8851	43387.1949	4011838.4110
5232	524.1000	25544.2096	634283.9030	43361.3300	4012063.1066
5233	524.2000	25515.8916	633904.1340	43335.4795	4012287.6684
5234	524.3000	25487.6051	633524.5779	43309.6433	4012512.0962

5235	524.4000	25459.3500	633145.2347	43283.8215	4012736.3902
5236	524.5000	25431.1261	632766.1042	43258.0141	4012960.5505
5237	524.6000	25402.9336	632387.1863	43232.2210	4013184.5772
5238	524.7000	25374.7723	632008.4810	43206.4422	4013408.4703
5239	524.8000	25346.6422	631629.9881	43180.6778	4013632.2298
5240	524.9000	25318.5433	631251.7076	43154.9277	4013855.8559
5241	525.0000	25290.4756	630873.6393	43129.1919	4014079.3487
5242	525.1000	25262.4390	630495.7831	43103.4704	4014302.7082
5243	525.2000	25234.4334	630118.1390	43077.7632	4014525.9345
5244	525.3000	25206.4589	629740.7068	43052.0703	4014749.0276
5245	525.4000	25178.5155	629363.4864	43026.3917	4014971.9877
5246	525.5000	25150.6030	628986.4777	43000.7273	4015194.8148
5247	525.6000	25122.7214	628609.6807	42975.0773	4015417.5089
5248	525.7000	25094.8707	628233.0951	42949.4415	4015640.0703
5249	525.8000	25067.0510	627856.7210	42923.8200	4015862.4988
5250	525.9000	25039.2620	627480.5582	42898.2127	4016084.7947
5251	526.0000	25011.5039	627104.6067	42872.6197	4016306.9580
5252	526.1000	24983.7765	626728.8662	42847.0409	4016528.9887
5253	526.2000	24956.0799	626353.3367	42821.4764	4016750.8869
5254	526.3000	24928.4140	625978.0182	42795.9261	4016972.6528
5255	526.4000	24900.7787	625602.9105	42770.3900	4017194.2863
5256	526.5000	24873.1741	625228.0134	42744.8681	4017415.7875
5257	526.6000	24845.6001	624853.3270	42719.3604	4017637.1566
5258	526.7000	24818.0567	624478.8511	42693.8670	4017858.3936
5259	526.8000	24790.5438	624104.5856	42668.3877	4018079.4986

5260	526.9000	24763.0614	623730.5303	42642.9226	4018300.4716
5261	527.0000	24735.6094	623356.6853	42617.4717	4018521.3127
5262	527.1000	24708.1879	622983.0504	42592.0350	4018742.0220
5263	527.2000	24680.7968	622609.6255	42566.6124	4018962.5996
5264	527.3000	24653.4361	622236.4104	42541.2040	4019183.0455
5265	527.4000	24626.1057	621863.4052	42515.8098	4019403.3598
5266	527.5000	24598.8056	621490.6096	42490.4297	4019623.5426
5267	527.6000	24571.5357	621118.0237	42465.0637	4019843.5940
5268	527.7000	24544.2961	620745.6472	42439.7119	4020063.5140
5269	527.8000	24517.0867	620373.4801	42414.3742	4020283.3027
5270	527.9000	24489.9074	620001.5223	42389.0506	4020502.9602
5271	528.0000	24462.7583	619629.7737	42363.7412	4020722.4865
5272	528.1000	24435.6393	619258.2342	42338.4458	4020941.8818
5273	528.2000	24408.5503	618886.9036	42313.1646	4021161.1460
5274	528.3000	24381.4914	618515.7819	42287.8974	4021380.2793
5275	528.4000	24354.4624	618144.8691	42262.6444	4021599.2818
5276	528.5000	24327.4635	617774.1649	42237.4054	4021818.1535
5277	528.6000	24300.4944	617403.6692	42212.1805	4022036.8945
5278	528.7000	24273.5553	617033.3821	42186.9696	4022255.5048
5279	528.8000	24246.6460	616663.3033	42161.7728	4022473.9845
5280	528.9000	24219.7665	616293.4328	42136.5901	4022692.3338
5281	529.0000	24192.9169	615923.7705	42111.4214	4022910.5527
5282	529.1000	24166.0970	615554.3162	42086.2668	4023128.6412
5283	529.2000	24139.3068	615185.0699	42061.1262	4023346.5994
5284	529.3000	24112.5464	614816.0315	42035.9996	4023564.4274

5285	529.4000	24085.8156	614447.2009	42010.8871	4023782.1253
5286	529.5000	24059.1144	614078.5779	41985.7885	4023999.6932
5287	529.6000	24032.4429	613710.1625	41960.7040	4024217.1310
5288	529.7000	24005.8009	613341.9546	41935.6335	4024434.4390
5289	529.8000	23979.1884	612973.9540	41910.5769	4024651.6171
5290	529.9000	23952.6055	612606.1607	41885.5344	4024868.6654
5291	530.0000	23926.0520	612238.5746	41860.5058	4025085.5841
5292	530.1000	23899.5280	611871.1955	41835.4912	4025302.3731
5293	530.2000	23873.0333	611504.0234	41810.4906	4025519.0326
5294	530.3000	23846.5681	611137.0582	41785.5040	4025735.5626
5295	530.4000	23820.1321	610770.2997	41760.5313	4025951.9632
5296	530.5000	23793.7255	610403.7479	41735.5725	4026168.2344
5297	530.6000	23767.3482	610037.4027	41710.6277	4026384.3764
5298	530.7000	23741.0001	609671.2639	41685.6968	4026600.3892
5299	530.8000	23714.6812	609305.3315	41660.7799	4026816.2729
5300	530.9000	23688.3914	608939.6053	41635.8768	4027032.0276
5301	531.0000	23662.1309	608574.0853	41610.9877	4027247.6533
5302	531.1000	23635.8994	608208.7714	41586.1125	4027463.1501
5303	531.2000	23609.6970	607843.6634	41561.2512	4027678.5180
5304	531.3000	23583.5237	607478.7613	41536.4038	4027893.7572
5305	531.4000	23557.3793	607114.0649	41511.5703	4028108.8677
5306	531.5000	23531.2640	606749.5742	41486.7507	4028323.8496
5307	531.6000	23505.1776	606385.2891	41461.9449	4028538.7030
5308	531.7000	23479.1201	606021.2094	41437.1530	4028753.4279
5309	531.8000	23453.0916	605657.3351	41412.3750	4028968.0244

5310	531.9000	23427.0918	605293.6661	41387.6108	4029182.4926
5311	532.0000	23401.1209	604930.2022	41362.8605	4029396.8325
5312	532.1000	23375.1788	604566.9433	41338.1240	4029611.0443
5313	532.2000	23349.2655	604203.8894	41313.4014	4029825.1279
5314	532.3000	23323.3808	603841.0404	41288.6925	4030039.0835
5315	532.4000	23297.5249	603478.3962	41263.9975	4030252.9111
5316	532.5000	23271.6976	603115.9566	41239.3164	4030466.6109
5317	532.6000	23245.8990	602753.7215	41214.6490	4030680.1828
5318	532.7000	23220.1290	602391.6909	41189.9954	4030893.6270
5319	532.8000	23194.3875	602029.8647	41165.3557	4031106.9435
5320	532.9000	23168.6746	601668.2428	41140.7297	4031320.1323
5321	533.0000	23142.9901	601306.8250	41116.1175	4031533.1937
5322	533.1000	23117.3342	600945.6112	41091.5191	4031746.1276
5323	533.2000	23091.7067	600584.6014	41066.9344	4031958.9340
5324	533.3000	23066.1076	600223.7955	41042.3636	4032171.6132
5325	533.4000	23040.5368	599863.1934	41017.8064	4032384.1651
5326	533.5000	23014.9945	599502.7949	40993.2631	4032596.5899
5327	533.6000	22989.4804	599142.5999	40968.7334	4032808.8875
5328	533.7000	22963.9946	598782.6085	40944.2175	4033021.0581
5329	533.8000	22938.5371	598422.8204	40919.7154	4033233.1017
5330	533.9000	22913.1078	598063.2355	40895.2269	4033445.0184
5331	534.0000	22887.7067	597703.8538	40870.7522	4033656.8083
5332	534.1000	22862.3337	597344.6752	40846.2912	4033868.4715
5333	534.2000	22836.9889	596985.6996	40821.8439	4034080.0079
5334	534.3000	22811.6722	596626.9268	40797.4103	4034291.4178

5335	534.4000	22786.3835	596268.3568	40772.9903	4034502.7011
5336	534.5000	22761.1229	595909.9894	40748.5841	4034713.8579
5337	534.6000	22735.8903	595551.8246	40724.1916	4034924.8884
5338	534.7000	22710.6856	595193.8623	40699.8127	4035135.7925
5339	534.8000	22685.5089	594836.1024	40675.4475	4035346.5704
5340	534.9000	22660.3601	594478.5447	40651.0959	4035557.2220
5341	535.0000	22635.2392	594121.1892	40626.7580	4035767.7476
5342	535.1000	22610.1461	593764.0357	40602.4337	4035978.1471
5343	535.2000	22585.0809	593407.0843	40578.1231	4036188.4206
5344	535.3000	22560.0434	593050.3347	40553.8261	4036398.5683
5345	535.4000	22535.0337	592693.7869	40529.5427	4036608.5901
5346	535.5000	22510.0517	592337.4407	40505.2730	4036818.4861
5347	535.6000	22485.0974	591981.2961	40481.0169	4037028.2565
5348	535.7000	22460.1708	591625.3531	40456.7743	4037237.9012
5349	535.8000	22435.2718	591269.6113	40432.5454	4037447.4204
5350	535.9000	22410.4004	590914.0709	40408.3301	4037656.8141
5351	536.0000	22385.5566	590558.7317	40384.1283	4037866.0824
5352	536.1000	22360.7404	590203.5935	40359.9401	4038075.2253
5353	536.2000	22335.9516	589848.6563	40335.7655	4038284.2430
5354	536.3000	22311.1903	589493.9200	40311.6045	4038493.1355
5355	536.4000	22286.4565	589139.3845	40287.4571	4038701.9029
5356	536.5000	22261.7501	588785.0496	40263.3231	4038910.5452
5357	536.6000	22237.0710	588430.9154	40239.2028	4039119.0625
5358	536.7000	22212.4194	588076.9816	40215.0959	4039327.4549
5359	536.8000	22187.7950	587723.2483	40191.0026	4039535.7224

5360	536.9000	22163.1980	587369.7152	40166.9229	4039743.8652
5361	537.0000	22138.6282	587016.3823	40142.8566	4039951.8832
5362	537.1000	22114.0857	586663.2495	40118.8039	4040159.7766
5363	537.2000	22089.5704	586310.3167	40094.7647	4040367.5455
5364	537.3000	22065.0822	585957.5838	40070.7390	4040575.1899
5365	537.4000	22040.6212	585605.0507	40046.7267	4040782.7098
5366	537.5000	22016.1873	585252.7173	40022.7280	4040990.1054
5367	537.6000	21991.7805	584900.5835	39998.7428	4041197.3766
5368	537.7000	21967.4008	584548.6492	39974.7710	4041404.5237
5369	537.8000	21943.0481	584196.9143	39950.8127	4041611.5466
5370	537.9000	21918.7223	583845.3787	39926.8678	4041818.4455
5371	538.0000	21894.4236	583494.0424	39902.9364	4042025.2203
5372	538.1000	21870.1518	583142.9051	39879.0185	4042231.8712
5373	538.2000	21845.9069	582791.9669	39855.1140	4042438.3982
5374	538.3000	21821.6888	582441.2275	39831.2230	4042644.8014
5375	538.4000	21797.4977	582090.6870	39807.3453	4042851.0809
5376	538.5000	21773.3333	581740.3452	39783.4811	4043057.2367
5377	538.6000	21749.1957	581390.2020	39759.6303	4043263.2690
5378	538.7000	21725.0849	581040.2573	39735.7930	4043469.1777
5379	538.8000	21701.0008	580690.5111	39711.9690	4043674.9629
5380	538.9000	21676.9434	580340.9632	39688.1584	4043880.6248
5381	539.0000	21652.9127	579991.6135	39664.3612	4044086.1634
5382	539.1000	21628.9086	579642.4619	39640.5774	4044291.5787
5383	539.2000	21604.9312	579293.5084	39616.8070	4044496.8709
5384	539.3000	21580.9803	578944.7528	39593.0500	4044702.0399

5385	539.4000	21557.0560	578596.1950	39569.3063	4044907.0859
5386	539.5000	21533.1581	578247.8350	39545.5759	4045112.0089
5387	539.6000	21509.2868	577899.6726	39521.8590	4045316.8091
5388	539.7000	21485.4420	577551.7077	39498.1553	4045521.4864
5389	539.8000	21461.6235	577203.9403	39474.4651	4045726.0410
5390	539.9000	21437.8315	576856.3703	39450.7881	4045930.4728
5391	540.0000	21414.0659	576508.9975	39427.1245	4046134.7821
5392	540.1000	21390.3266	576161.8218	39403.4742	4046338.9688
5393	540.2000	21366.6136	575814.8432	39379.8372	4046543.0330
5394	540.3000	21342.9269	575468.0616	39356.2135	4046746.9748
5395	540.4000	21319.2665	575121.4768	39332.6031	4046950.7942
5396	540.5000	21295.6323	574775.0887	39309.0060	4047154.4914
5397	540.6000	21272.0243	574428.8974	39285.4222	4047358.0663
5398	540.7000	21248.4425	574082.9026	39261.8517	4047561.5192
5399	540.8000	21224.8868	573737.1042	39238.2945	4047764.8499
5400	540.9000	21201.3572	573391.5023	39214.7505	4047968.0587
5401	541.0000	21177.8537	573046.0966	39191.2198	4048171.1455
5402	541.1000	21154.3763	572700.8871	39167.7023	4048374.1104
5403	541.2000	21130.9249	572355.8736	39144.1981	4048576.9536
5404	541.3000	21107.4994	572011.0562	39120.7071	4048779.6750
5405	541.4000	21084.1000	571666.4346	39097.2294	4048982.2748
5406	541.5000	21060.7265	571322.0088	39073.7649	4049184.7530
5407	541.6000	21037.3789	570977.7787	39050.3136	4049387.1096
5408	541.7000	21014.0572	570633.7442	39026.8756	4049589.3449
5409	541.8000	20990.7614	570289.9052	39003.4507	4049791.4587

5410	541.9000	20967.4913	569946.2616	38980.0391	4049993.4512
5411	542.0000	20944.2471	569602.8133	38956.6406	4050195.3225
5412	542.1000	20921.0286	569259.5602	38933.2553	4050397.0725
5413	542.2000	20897.8359	568916.5022	38909.8833	4050598.7015
5414	542.3000	20874.6689	568573.6392	38886.5244	4050800.2095
5415	542.4000	20851.5276	568230.9711	38863.1787	4051001.5964
5416	542.5000	20828.4119	567888.4978	38839.8461	4051202.8625
5417	542.6000	20805.3218	567546.2193	38816.5267	4051404.0077
5418	542.7000	20782.2574	567204.1354	38793.2205	4051605.0321
5419	542.8000	20759.2185	566862.2460	38769.9274	4051805.9359
5420	542.9000	20736.2052	566520.5510	38746.6474	4052006.7190
5421	543.0000	20713.2173	566179.0504	38723.3806	4052207.3815
5422	543.1000	20690.2550	565837.7440	38700.1269	4052407.9236
5423	543.2000	20667.3181	565496.6317	38676.8863	4052608.3452
5424	543.3000	20644.4066	565155.7135	38653.6589	4052808.6464
5425	543.4000	20621.5206	564814.9892	38630.4445	4053008.8274
5426	543.5000	20598.6599	564474.4588	38607.2432	4053208.8881
5427	543.6000	20575.8245	564134.1221	38584.0551	4053408.8287
5428	543.7000	20553.0145	563793.9791	38560.8800	4053608.6492
5429	543.8000	20530.2298	563454.0296	38537.7180	4053808.3497
5430	543.9000	20507.4703	563114.2736	38514.5691	4054007.9302
5431	544.0000	20484.7360	562774.7110	38491.4333	4054207.3908
5432	544.1000	20462.0270	562435.3416	38468.3105	4054406.7316
5433	544.2000	20439.3431	562096.1654	38445.2008	4054605.9527
5434	544.3000	20416.6843	561757.1823	38422.1041	4054805.0541

5435	544.4000	20394.0507	561418.3921	38399.0205	4055004.0358
5436	544.5000	20371.4422	561079.7949	38375.9499	4055202.8980
5437	544.6000	20348.8587	560741.3904	38352.8924	4055401.6408
5438	544.7000	20326.3003	560403.1786	38329.8478	4055600.2641
5439	544.8000	20303.7669	560065.1594	38306.8163	4055798.7681
5440	544.9000	20281.2585	559727.3328	38283.7978	4055997.1527
5441	545.0000	20258.7750	559389.6985	38260.7923	4056195.4182
5442	545.1000	20236.3164	559052.2565	38237.7998	4056393.5646
5443	545.2000	20213.8828	558715.0067	38214.8203	4056591.5918
5444	545.3000	20191.4740	558377.9491	38191.8538	4056789.5001
5445	545.4000	20169.0900	558041.0834	38168.9003	4056987.2894
5446	545.5000	20146.7309	557704.4097	38145.9597	4057184.9598
5447	545.6000	20124.3965	557367.9278	38123.0321	4057382.5114
5448	545.7000	20102.0869	557031.6377	38100.1175	4057579.9443
5449	545.8000	20079.8021	556695.5392	38077.2158	4057777.2585
5450	545.9000	20057.5419	556359.6322	38054.3271	4057974.4541
5451	546.0000	20035.3065	556023.9166	38031.4513	4058171.5312
5452	546.1000	20013.0956	555688.3924	38008.5884	4058368.4898
5453	546.2000	19990.9094	555353.0595	37985.7385	4058565.3300
5454	546.3000	19968.7478	555017.9177	37962.9015	4058762.0518
5455	546.4000	19946.6108	554682.9670	37940.0774	4058958.6554
5456	546.5000	19924.4983	554348.2072	37917.2663	4059155.1408
5457	546.6000	19902.4103	554013.6383	37894.4680	4059351.5080
5458	546.7000	19880.3468	553679.2602	37871.6826	4059547.7572
5459	546.8000	19858.3078	553345.0727	37848.9102	4059743.8884

5460	546.9000	19836.2932	553011.0759	37826.1506	4059939.9016
5461	547.0000	19814.3030	552677.2695	37803.4039	4060135.7970
5462	547.1000	19792.3371	552343.6535	37780.6700	4060331.5745
5463	547.2000	19770.3957	552010.2278	37757.9490	4060527.2343
5464	547.3000	19748.4785	551676.9923	37735.2409	4060722.7765
5465	547.4000	19726.5857	551343.9469	37712.5457	4060918.2010
5466	547.5000	19704.7171	551011.0915	37689.8632	4061113.5080
5467	547.6000	19682.8727	550678.4260	37667.1937	4061308.6976
5468	547.7000	19661.0526	550345.9504	37644.5369	4061503.7697
5469	547.8000	19639.2567	550013.6644	37621.8930	4061698.7245
5470	547.9000	19617.4849	549681.5681	37599.2619	4061893.5620
5471	548.0000	19595.7373	549349.6614	37576.6437	4062088.2823
5472	548.1000	19574.0138	549017.9440	37554.0382	4062282.8855
5473	548.2000	19552.3143	548686.4160	37531.4455	4062477.3716
5474	548.3000	19530.6389	548355.0773	37508.8657	4062671.7407
5475	548.4000	19508.9876	548023.9277	37486.2986	4062865.9929
5476	548.5000	19487.3602	547692.9671	37463.7443	4063060.1282
5477	548.6000	19465.7568	547362.1956	37441.2028	4063254.1467
5478	548.7000	19444.1774	547031.6128	37418.6741	4063448.0484
5479	548.8000	19422.6219	546701.2189	37396.1581	4063641.8335
5480	548.9000	19401.0903	546371.0136	37373.6549	4063835.5019
5481	549.0000	19379.5825	546040.9970	37351.1644	4064029.0538
5482	549.1000	19358.0986	545711.1688	37328.6867	4064222.4893
5483	549.2000	19336.6386	545381.5289	37306.2217	4064415.8083
5484	549.3000	19315.2023	545052.0774	37283.7695	4064609.0110

5485	549.4000	19293.7897	544722.8141	37261.3300	4064802.0974
5486	549.5000	19272.4009	544393.7389	37238.9032	4064995.0676
5487	549.6000	19251.0359	544064.8517	37216.4891	4065187.9217
5488	549.7000	19229.6945	543736.1525	37194.0877	4065380.6596
5489	549.8000	19208.3767	543407.6410	37171.6991	4065573.2816
5490	549.9000	19187.0826	543079.3173	37149.3231	4065765.7876
5491	550.0000	19165.8121	542751.1812	37126.9598	4065958.1777
5492	550.1000	19144.5652	542423.2327	37104.6092	4066150.4520
5493	550.2000	19123.3418	542095.4716	37082.2713	4066342.6105
5494	550.3000	19102.1420	541767.8978	37059.9460	4066534.6534
5495	550.4000	19080.9657	541440.5114	37037.6334	4066726.5807
5496	550.5000	19059.8128	541113.3120	37015.3335	4066918.3923
5497	550.6000	19038.6834	540786.2998	36993.0462	4067110.0885
5498	550.7000	19017.5774	540459.4745	36970.7716	4067301.6693
5499	550.8000	18996.4948	540132.8361	36948.5096	4067493.1347
5500	550.9000	18975.4356	539806.3844	36926.2603	4067684.4848
5501	551.0000	18954.3998	539480.1195	36904.0235	4067875.7197
5502	551.1000	18933.3872	539154.0412	36881.7994	4068066.8395
5503	551.2000	18912.3980	538828.1493	36859.5879	4068257.8441
5504	551.3000	18891.4320	538502.4439	36837.3890	4068448.7337
5505	551.4000	18870.4892	538176.9248	36815.2028	4068639.5084
5506	551.5000	18849.5697	537851.5919	36793.0291	4068830.1681
5507	551.6000	18828.6734	537526.4451	36770.8680	4069020.7130
5508	551.7000	18807.8002	537201.4844	36748.7195	4069211.1431
5509	551.8000	18786.9502	536876.7096	36726.5835	4069401.4585

5510	551.9000	18766.1232	536552.1206	36704.4601	4069591.6593
5511	552.0000	18745.3194	536227.7174	36682.3493	4069781.7455
5512	552.1000	18724.5386	535903.4998	36660.2511	4069971.7172
5513	552.2000	18703.7809	535579.4678	36638.1654	4070161.5745
5514	552.3000	18683.0462	535255.6213	36616.0923	4070351.3174
5515	552.4000	18662.3345	534931.9601	36594.0317	4070540.9459
5516	552.5000	18641.6457	534608.4843	36571.9836	4070730.4602
5517	552.6000	18620.9799	534285.1936	36549.9480	4070919.8604
5518	552.7000	18600.3369	533962.0880	36527.9250	4071109.1464
5519	552.8000	18579.7169	533639.1674	36505.9145	4071298.3183
5520	552.9000	18559.1197	533316.4317	36483.9165	4071487.3763
5521	553.0000	18538.5454	532993.8808	36461.9310	4071676.3203
5522	553.1000	18517.9938	532671.5146	36439.9580	4071865.1505
5523	553.2000	18497.4651	532349.3331	36417.9975	4072053.8668
5524	553.3000	18476.9591	532027.3361	36396.0495	4072242.4695
5525	553.4000	18456.4758	531705.5235	36374.1139	4072430.9585
5526	553.5000	18436.0153	531383.8953	36352.1908	4072619.3338
5527	553.6000	18415.5774	531062.4513	36330.2802	4072807.5957
5528	553.7000	18395.1622	530741.1915	36308.3821	4072995.7440
5529	553.8000	18374.7696	530420.1157	36286.4964	4073183.7790
5530	553.9000	18354.3996	530099.2240	36264.6231	4073371.7006
5531	554.0000	18334.0522	529778.5160	36242.7623	4073559.5089
5532	554.1000	18313.7274	529457.9919	36220.9139	4073747.2040
5533	554.2000	18293.4250	529137.6515	36199.0780	4073934.7860
5534	554.3000	18273.1452	528817.4946	36177.2544	4074122.2549

5535	554.4000	18252.8879	528497.5213	36155.4433	4074309.6107
5536	554.5000	18232.6531	528177.7314	36133.6446	4074496.8536
5537	554.6000	18212.4406	527858.1248	36111.8583	4074683.9836
5538	554.7000	18192.2506	527538.7014	36090.0844	4074871.0008
5539	554.8000	18172.0830	527219.4611	36068.3229	4075057.9052
5540	554.9000	18151.9377	526900.4039	36046.5738	4075244.6969
5541	555.0000	18131.8147	526581.5297	36024.8370	4075431.3760
5542	555.1000	18111.7141	526262.8382	36003.1126	4075617.9425
5543	555.2000	18091.6357	525944.3296	35981.4006	4075804.3964
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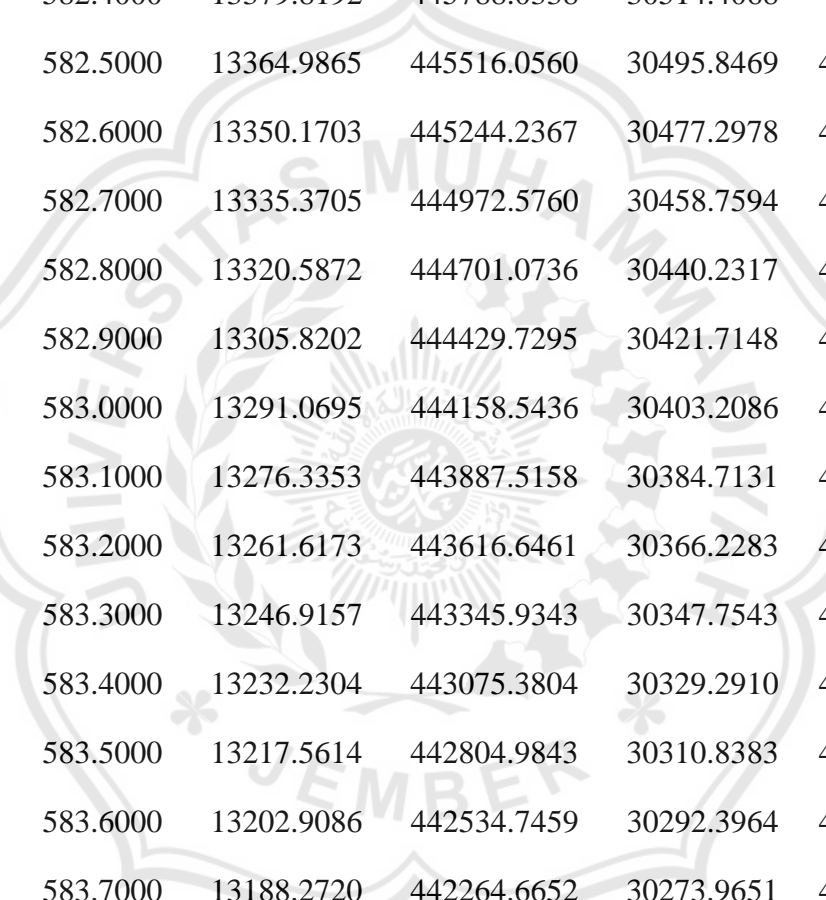
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5760	576.9000	14221.4800	460993.4344	31551.9251	4113711.3893
5761	577.0000	14205.7143	460712.6067	31532.7652	4113874.7910
5762	577.1000	14189.9660	460431.9422	31513.6163	4114038.0935
5763	577.2000	14174.2353	460151.4408	31494.4784	4114201.2968
5764	577.3000	14158.5219	459871.1025	31475.3516	4114364.4010
5765	577.4000	14142.8260	459590.9271	31456.2359	4114527.4061
5766	577.5000	14127.1475	459310.9146	31437.1311	4114690.3123
5767	577.6000	14111.4864	459031.0648	31418.0375	4114853.1195
5768	577.7000	14095.8426	458751.3778	31398.9548	4115015.8278
5769	577.8000	14080.2162	458471.8533	31379.8832	4115178.4373
5770	577.9000	14064.6071	458192.4914	31360.8226	4115340.9480
5771	578.0000	14049.0153	457913.2919	31341.7730	4115503.3600
5772	578.1000	14033.4407	457634.2547	31322.7344	4115665.6733
5773	578.2000	14017.8835	457355.3799	31303.7068	4115827.8881
5774	578.3000	14002.3435	457076.6671	31284.6902	4115990.0043
5775	578.4000	13986.8207	456798.1165	31265.6846	4116152.0220
5776	578.5000	13971.3151	456519.7279	31246.6900	4116313.9413
5777	578.6000	13955.8268	456241.5012	31227.7064	4116475.7622
5778	578.7000	13940.3556	455963.4364	31208.7337	4116637.4848
5779	578.8000	13924.9015	455685.5333	31189.7720	4116799.1092
5780	578.9000	13909.4646	455407.7918	31170.8213	4116960.6353
5781	579.0000	13894.0448	455130.2120	31151.8815	4117122.0633
5782	579.1000	13878.6420	454852.7936	31132.9526	4117283.3932
5783	579.2000	13863.2564	454575.5367	31114.0348	4117444.6251
5784	579.3000	13847.8878	454298.4411	31095.1278	4117605.7590

5785	579.4000	13832.5363	454021.5067	31076.2318	4117766.7950
5786	579.5000	13817.2017	453744.7335	31057.3467	4117927.7332
5787	579.6000	13801.8842	453468.1214	31038.4725	4118088.5735
5788	579.7000	13786.5836	453191.6702	31019.6093	4118249.3161
5789	579.8000	13771.3001	452915.3800	31000.7569	4118409.9610
5790	579.9000	13756.0334	452639.2506	30981.9155	4118570.5083
5791	580.0000	13740.7837	452363.2819	30963.0849	4118730.9579
5792	580.1000	13725.5509	452087.4738	30944.2653	4118891.3101
5793	580.2000	13710.3349	451811.8263	30925.4565	4119051.5648
5794	580.3000	13695.1359	451536.3393	30906.6586	4119211.7221
5795	580.4000	13679.9537	451261.0127	30887.8716	4119371.7820
5796	580.5000	13664.7883	450985.8464	30869.0955	4119531.7447
5797	580.6000	13649.6397	450710.8404	30850.3302	4119691.6101
5798	580.7000	13634.5079	450435.9944	30831.5758	4119851.3783
5799	580.8000	13619.3929	450161.3086	30812.8323	4120011.0494
5800	580.9000	13604.2947	449886.7827	30794.0996	4120170.6234
5801	581.0000	13589.2132	449612.4167	30775.3777	4120330.1004
5802	581.1000	13574.1484	449338.2105	30756.6667	4120489.4804
5803	581.2000	13559.1003	449064.1640	30737.9665	4120648.7636
5804	581.3000	13544.0689	448790.2771	30719.2771	4120807.9499
5805	581.4000	13529.0542	448516.5498	30700.5985	4120967.0394
5806	581.5000	13514.0561	448242.9820	30681.9308	4121126.0321
5807	581.6000	13499.0746	447969.5736	30663.2739	4121284.9282
5808	581.7000	13484.1097	447696.3244	30644.6277	4121443.7277
5809	581.8000	13469.1615	447423.2345	30625.9924	4121602.4306



5810	581.9000	13454.2298	447150.3037	30607.3679	4121761.0370
5811	582.0000	13439.3146	446877.5320	30588.7541	4121919.5469
5812	582.1000	13424.4160	446604.9192	30570.1511	4122077.9605
5813	582.2000	13409.5339	446332.4653	30551.5589	4122236.2777
5814	582.3000	13394.6683	446060.1702	30532.9775	4122394.4986
5815	582.4000	13379.8192	445788.0338	30514.4068	4122552.6233
5816	582.5000	13364.9865	445516.0560	30495.8469	4122710.6518
5817	582.6000	13350.1703	445244.2367	30477.2978	4122868.5842
5818	582.7000	13335.3705	444972.5760	30458.7594	4123026.4205
5819	582.8000	13320.5872	444701.0736	30440.2317	4123184.1608
5820	582.9000	13305.8202	444429.7295	30421.7148	4123341.8052
5821	583.0000	13291.0695	444158.5436	30403.2086	4123499.3536
5822	583.1000	13276.3353	443887.5158	30384.7131	4123656.8062
5823	583.2000	13261.6173	443616.6461	30366.2283	4123814.1631
5824	583.3000	13246.9157	443345.9343	30347.7543	4123971.4242
5825	583.4000	13232.2304	443075.3804	30329.2910	4124128.5896
5826	583.5000	13217.5614	442804.9843	30310.8383	4124285.6594
5827	583.6000	13202.9086	442534.7459	30292.3964	4124442.6337
5828	583.7000	13188.2720	442264.6652	30273.9651	4124599.5124
5829	583.8000	13173.6517	441994.7420	30255.5446	4124756.2957
5830	583.9000	13159.0476	441724.9762	30237.1347	4124912.9836
5831	584.0000	13144.4597	441455.3678	30218.7355	4125069.5761
5832	584.1000	13129.8880	441185.9167	30200.3469	4125226.0734
5833	584.2000	13115.3324	440916.6228	30181.9691	4125382.4754
5834	584.3000	13100.7929	440647.4860	30163.6018	4125538.7823

5835	584.4000	13086.2696	440378.5063	30145.2453	4125694.9940
5836	584.5000	13071.7624	440109.6835	30126.8994	4125851.1106
5837	584.6000	13057.2712	439841.0176	30108.5641	4126007.1323
5838	584.7000	13042.7961	439572.5085	30090.2394	4126163.0590
5839	584.8000	13028.3371	439304.1561	30071.9254	4126318.8908
5840	584.9000	13013.8941	439035.9603	30053.6220	4126474.6277
5841	585.0000	12999.4671	438767.9211	30035.3292	4126630.2699
5842	585.1000	12985.0561	438500.0383	30017.0471	4126785.8173
5843	585.2000	12970.6611	438232.3119	29998.7755	4126941.2700
5844	585.3000	12956.2820	437964.7418	29980.5146	4127096.6281
5845	585.4000	12941.9189	437697.3279	29962.2642	4127251.8916
5846	585.5000	12927.5716	437430.0701	29944.0245	4127407.0607
5847	585.6000	12913.2403	437162.9684	29925.7953	4127562.1352
5848	585.7000	12898.9249	436896.0226	29907.5767	4127717.1154
5849	585.8000	12884.6254	436629.2328	29889.3687	4127872.0012
5850	585.9000	12870.3417	436362.5987	29871.1712	4128026.7927
5851	586.0000	12856.0738	436096.1203	29852.9843	4128181.4899
5852	586.1000	12841.8218	435829.7976	29834.8080	4128336.0930
5853	586.2000	12827.5856	435563.6304	29816.6422	4128490.6019
5854	586.3000	12813.3651	435297.6187	29798.4870	4128645.0168
5855	586.4000	12799.1604	435031.7623	29780.3423	4128799.3376
5856	586.5000	12784.9714	434766.0613	29762.2081	4128953.5645
5857	586.6000	12770.7982	434500.5155	29744.0845	4129107.6974
5858	586.7000	12756.6407	434235.1248	29725.9714	4129261.7365
5859	586.8000	12742.4989	433969.8892	29707.8688	4129415.6818

5860	586.9000	12728.3728	433704.8085	29689.7767	4129569.5334
5861	587.0000	12714.2623	433439.8827	29671.6951	4129723.2912
5862	587.1000	12700.1675	433175.1118	29653.6241	4129876.9554
5863	587.2000	12686.0883	432910.4955	29635.5635	4130030.5260
5864	587.3000	12672.0247	432646.0339	29617.5134	4130184.0031
5865	587.4000	12657.9767	432381.7269	29599.4738	4130337.3867
5866	587.5000	12643.9442	432117.5744	29581.4447	4130490.6768
5867	587.6000	12629.9274	431853.5762	29563.4261	4130643.8736
5868	587.7000	12615.9260	431589.7324	29545.4179	4130796.9771
5869	587.8000	12601.9402	431326.0428	29527.4202	4130949.9873
5870	587.9000	12587.9699	431062.5073	29509.4330	4131102.9043
5871	588.0000	12574.0151	430799.1259	29491.4562	4131255.7282
5872	588.1000	12560.0757	430535.8985	29473.4899	4131408.4590
5873	588.2000	12546.1518	430272.8250	29455.5340	4131561.0967
5874	588.3000	12532.2433	430009.9053	29437.5885	4131713.6414
5875	588.4000	12518.3503	429747.1394	29419.6535	4131866.0932
5876	588.5000	12504.4726	429484.5271	29401.7289	4132018.4521
5877	588.6000	12490.6104	429222.0684	29383.8147	4132170.7181
5878	588.7000	12476.7635	428959.7632	29365.9109	4132322.8914
5879	588.8000	12462.9320	428697.6114	29348.0176	4132474.9720
5880	588.9000	12449.1157	428435.6129	29330.1346	4132626.9599
5881	589.0000	12435.3148	428173.7677	29312.2621	4132778.8552
5882	589.1000	12421.5293	427912.0756	29294.3999	4132930.6579
5883	589.2000	12407.7589	427650.5367	29276.5481	4133082.3682
5884	589.3000	12394.0039	427389.1507	29258.7067	4133233.9859

5885	589.4000	12380.2641	427127.9177	29240.8757	4133385.5113
5886	589.5000	12366.5395	426866.8375	29223.0550	4133536.9443
5887	589.6000	12352.8302	426605.9101	29205.2448	4133688.2851
5888	589.7000	12339.1360	426345.1353	29187.4448	4133839.5336
5889	589.8000	12325.4571	426084.5132	29169.6553	4133990.6899
5890	589.9000	12311.7932	425824.0435	29151.8760	4134141.7541
5891	590.0000	12298.1446	425563.7263	29134.1072	4134292.7262
5892	590.1000	12284.5111	425303.5615	29116.3486	4134443.6063
5893	590.2000	12270.8926	425043.5489	29098.6004	4134594.3944
5894	590.3000	12257.2893	424783.6885	29080.8625	4134745.0906
5895	590.4000	12243.7011	424523.9803	29063.1350	4134895.6949
5896	590.5000	12230.1279	424264.4240	29045.4178	4135046.2075
5897	590.6000	12216.5698	424005.0197	29027.7108	4135196.6283
5898	590.7000	12203.0267	423745.7673	29010.0142	4135346.9573
5899	590.8000	12189.4986	423486.6667	28992.3279	4135497.1947
5900	590.9000	12175.9855	423227.7177	28974.6519	4135647.3406
5901	591.0000	12162.4874	422968.9204	28956.9861	4135797.3949
5902	591.1000	12149.0043	422710.2746	28939.3307	4135947.3577
5903	591.2000	12135.5361	422451.7803	28921.6855	4136097.2290
5904	591.3000	12122.0828	422193.4374	28904.0506	4136247.0090
5905	591.4000	12108.6445	421935.2458	28886.4260	4136396.6977
5906	591.5000	12095.2210	421677.2054	28868.8116	4136546.2950
5907	591.6000	12081.8124	421419.3161	28851.2075	4136695.8012
5908	591.7000	12068.4187	421161.5779	28833.6136	4136845.2162
5909	591.8000	12055.0399	420903.9906	28816.0300	4136994.5400

5910	591.9000	12041.6758	420646.5543	28798.4566	4137143.7728
5911	592.0000	12028.3266	420389.2688	28780.8935	4137292.9146
5912	592.1000	12014.9922	420132.1340	28763.3406	4137441.9655
5913	592.2000	12001.6726	419875.1499	28745.7979	4137590.9254
5914	592.3000	11988.3677	419618.3163	28728.2654	4137739.7945
5915	592.4000	11975.0776	419361.6332	28710.7431	4137888.5728
5916	592.5000	11961.8022	419105.1006	28693.2311	4138037.2603
5917	592.6000	11948.5416	418848.7183	28675.7293	4138185.8571
5918	592.7000	11935.2956	418592.4862	28658.2376	4138334.3633
5919	592.8000	11922.0643	418336.4043	28640.7562	4138482.7790
5920	592.9000	11908.8477	418080.4725	28623.2849	4138631.1040
5921	593.0000	11895.6457	417824.6907	28605.8238	4138779.3386
5922	593.1000	11882.4584	417569.0588	28588.3729	4138927.4828
5923	593.2000	11869.2857	417313.5768	28570.9322	4139075.5366
5924	593.3000	11856.1276	417058.2446	28553.5016	4139223.5001
5925	593.4000	11842.9841	416803.0620	28536.0812	4139371.3733
5926	593.5000	11829.8551	416548.0291	28518.6709	4139519.1562
5927	593.6000	11816.7408	416293.1457	28501.2708	4139666.8491
5928	593.7000	11803.6409	416038.4117	28483.8809	4139814.4518
5929	593.8000	11790.5556	415783.8272	28466.5010	4139961.9644
5930	593.9000	11777.4848	415529.3919	28449.1313	4140109.3870
5931	594.0000	11764.4284	415275.1058	28431.7718	4140256.7197
5932	594.1000	11751.3866	415020.9688	28414.4223	4140403.9625
5933	594.2000	11738.3592	414766.9809	28397.0830	4140551.1154
5934	594.3000	11725.3462	414513.1420	28379.7538	4140698.1785

5935	594.4000	11712.3477	414259.4519	28362.4347	4140845.1519
5936	594.5000	11699.3635	414005.9107	28345.1257	4140992.0356
5937	594.6000	11686.3938	413752.5182	28327.8268	4141138.8297
5938	594.7000	11673.4385	413499.2743	28310.5379	4141285.5341
5939	594.8000	11660.4975	413246.1790	28293.2592	4141432.1490
5940	594.9000	11647.5708	412993.2322	28275.9906	4141578.6745
5941	595.0000	11634.6585	412740.4339	28258.7320	4141725.1105
5942	595.1000	11621.7605	412487.7838	28241.4835	4141871.4571
5943	595.2000	11608.8768	412235.2820	28224.2450	4142017.7144
5944	595.3000	11596.0074	411982.9284	28207.0166	4142163.8824
5945	595.4000	11583.1522	411730.7229	28189.7983	4142309.9612
5946	595.5000	11570.3113	411478.6654	28172.5900	4142455.9508
5947	595.6000	11557.4847	411226.7558	28155.3917	4142601.8513
5948	595.7000	11544.6722	410974.9941	28138.2035	4142747.6628
5949	595.8000	11531.8740	410723.3801	28121.0254	4142893.3852
5950	595.9000	11519.0899	410471.9139	28103.8572	4143039.0186
5951	596.0000	11506.3201	410220.5952	28086.6991	4143184.5632
5952	596.1000	11493.5643	409969.4241	28069.5510	4143330.0189
5953	596.2000	11480.8227	409718.4005	28052.4129	4143475.3857
5954	596.3000	11468.0953	409467.5243	28035.2848	4143620.6639
5955	596.4000	11455.3819	409216.7953	28018.1667	4143765.8533
5956	596.5000	11442.6827	408966.2136	28001.0585	4143910.9540
5957	596.6000	11429.9975	408715.7790	27983.9604	4144055.9662
5958	596.7000	11417.3264	408465.4915	27966.8723	4144200.8898
5959	596.8000	11404.6693	408215.3509	27949.7941	4144345.7249

5960	596.9000	11392.0263	407965.3573	27932.7260	4144490.4716
5961	597.0000	11379.3973	407715.5105	27915.6678	4144635.1299
5962	597.1000	11366.7822	407465.8104	27898.6195	4144779.6998
5963	597.2000	11354.1812	407216.2570	27881.5812	4144924.1815
5964	597.3000	11341.5941	406966.8502	27864.5529	4145068.5749
5965	597.4000	11329.0210	406717.5899	27847.5345	4145212.8801
5966	597.5000	11316.4619	406468.4761	27830.5260	4145357.0972
5967	597.6000	11303.9166	406219.5086	27813.5275	4145501.2262
5968	597.7000	11291.3853	405970.6873	27796.5389	4145645.2671
5969	597.8000	11278.8678	405722.0123	27779.5603	4145789.2201
5970	597.9000	11266.3642	405473.4834	27762.5915	4145933.0851
5971	598.0000	11253.8745	405225.1005	27745.6327	4146076.8623
5972	598.1000	11241.3986	404976.8636	27728.6838	4146220.5517
5973	598.2000	11228.9366	404728.7725	27711.7448	4146364.1532
5974	598.3000	11216.4884	404480.8273	27694.8157	4146507.6671
5975	598.4000	11204.0540	404233.0278	27677.8965	4146651.0932
5976	598.5000	11191.6333	403985.3739	27660.9871	4146794.4318
5977	598.6000	11179.2265	403737.8656	27644.0877	4146937.6828
5978	598.7000	11166.8333	403490.5028	27627.1981	4147080.8462
5979	598.8000	11154.4540	403243.2854	27610.3185	4147223.9222
5980	598.9000	11142.0883	402996.2134	27593.4486	4147366.9108
5981	599.0000	11129.7364	402749.2866	27576.5887	4147509.8120
5982	599.1000	11117.3981	402502.5049	27559.7386	4147652.6258
5983	599.2000	11105.0736	402255.8684	27542.8983	4147795.3525
5984	599.3000	11092.7626	402009.3769	27526.0679	4147937.9919

5985	599.4000	11080.4654	401763.0303	27509.2474	4148080.5441
5986	599.5000	11068.1818	401516.8286	27492.4366	4148223.0093
5987	599.6000	11055.9117	401270.7717	27475.6357	4148365.3873
5988	599.7000	11043.6553	401024.8595	27458.8447	4148507.6784
5989	599.8000	11031.4125	400779.0919	27442.0634	4148649.8825
5990	599.9000	11019.1833	400533.4688	27425.2920	4148791.9997
5991	600.0000	11006.9676	400287.9903	27408.5304	4148934.0300
5992	600.1000	10994.7654	400042.6561	27391.7786	4149075.9736
5993	600.2000	10982.5768	399797.4662	27375.0366	4149217.8303
5994	600.3000	10970.4017	399552.4206	27358.3043	4149359.6004
5995	600.4000	10958.2401	399307.5192	27341.5819	4149501.2838
5996	600.5000	10946.0919	399062.7618	27324.8693	4149642.8806
5997	600.6000	10933.9573	398818.1484	27308.1664	4149784.3909
5998	600.7000	10921.8361	398573.6790	27291.4733	4149925.8147
5999	600.8000	10909.7283	398329.3534	27274.7900	4150067.1520
6000	600.9000	10897.6339	398085.1716	27258.1164	4150208.4029
6001	601.0000	10885.5530	397841.1335	27241.4526	4150349.5674

jumlah iterasi = 6001

Nilai Numerik S(Susceptible) = 10885.553

Nilai Numerik E(Exposed) = 397841.1335

Nilai Numerik I(Infectiuos) = 27241.4526

Nilai Numerik R(Recovered) = 4150349.5674

Warning: Ignoring extra legend entries.

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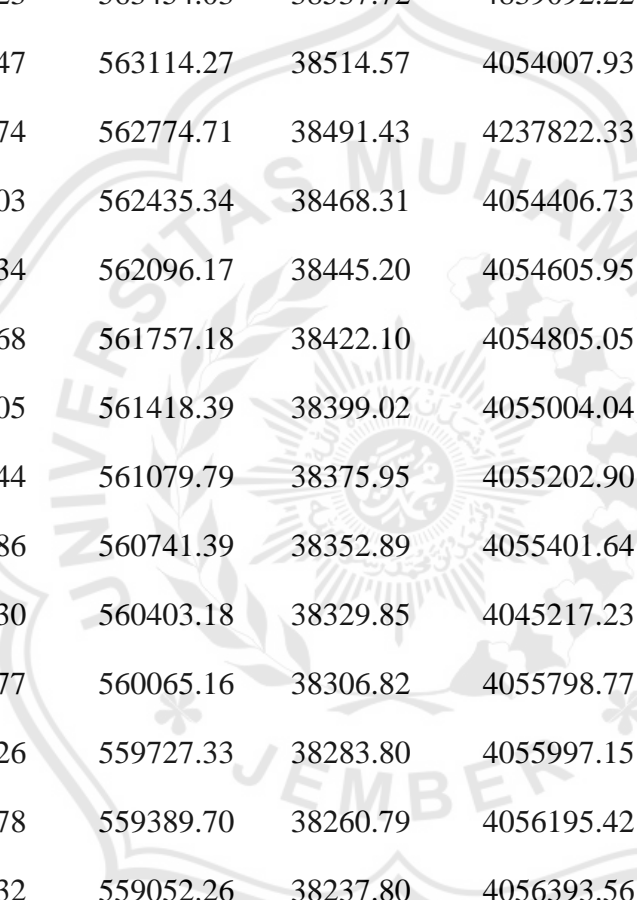
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Lampiran 7 : Data Sampel Validasi SPSS

21201.36	573391.50	39214.75	4047968.06
21177.85	583783.22	39191.22	4532781.22
21154.38	572700.89	39167.70	4048374.11
21130.92	572355.87	39144.20	4568655.55
21107.50	567126.33	39120.71	4048779.68
21084.10	571666.43	39097.23	4023781.23
21060.73	571322.01	39073.76	4231833.22
21037.38	570977.78	39050.31	4023712.33
21014.06	542563.22	39026.88	4049589.34
20990.76	570289.91	39003.45	4827381.22
20967.49	569946.26	38980.04	4392093.12
20944.25	553474.33	38956.64	4050195.32
20921.03	569259.56	38933.26	4050397.07
20897.84	568916.50	38909.88	4356123.22
20874.67	568573.64	38886.52	4126781.22
20851.53	568230.97	38863.18	4051001.60
20828.41	567888.50	38839.85	4898312.22
20805.32	553218.33	38816.53	4023831.22
20782.26	567238.22	38793.22	4123467.23
20759.22	566862.25	38769.93	4983822.22
20736.21	556327.22	38746.65	4052006.72
20713.22	566179.05	38723.38	4052207.38
20690.26	565837.74	38700.13	4052407.92
20667.32	565496.63	38676.89	4236123.22




20644.41	565155.71	38653.66	4052808.65
20621.52	564814.99	38630.44	4053008.83
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20575.82	564134.12	38584.06	4053408.83
20553.01	563793.98	38560.88	4053608.65
20530.23	563454.03	38537.72	4839092.22
20507.47	563114.27	38514.57	4054007.93
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20416.68	561757.18	38422.10	4054805.05
20394.05	561418.39	38399.02	4055004.04
20371.44	561079.79	38375.95	4055202.90
20348.86	560741.39	38352.89	4055401.64
20326.30	560403.18	38329.85	4045217.23
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20258.78	559389.70	38260.79	4056195.42
20236.32	559052.26	38237.80	4056393.56
20213.88	558715.01	38214.82	4056591.59
20191.47	558377.95	38191.85	4056789.50
20169.09	558041.08	38168.90	4056987.29
20146.73	557704.41	38145.96	4057184.96
20124.40	557367.93	38123.03	4321283.22
20102.09	557031.64	38100.12	4057579.94



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19946.61	554682.97	37940.08	4058958.66
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19858.31	553345.07	37848.91	4059743.89
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19792.34	552343.65	37780.67	4060331.57
19770.40	552010.23	37757.95	4060527.23
19748.48	551676.99	37735.24	4123933.22
19726.59	551343.95	37712.55	4060918.20
19704.72	551011.09	37689.86	4061113.51
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19293.79	544722.81	37261.33	4064802.10
19272.40	518273.23	37238.90	4064995.07
19251.04	501238.23	37216.49	4065187.92
19229.69	543736.15	37194.09	4875677.12
19208.38	543407.64	37171.70	4123783.23
19187.08	543079.32	37149.32	4065765.79
19165.81	516271.22	37126.96	4065958.18
19144.57	542423.23	37104.61	4123903.22
19123.34	583271.22	37082.27	4066342.61
19102.14	541767.90	37059.95	4327833.22
19080.97	541440.51	37037.63	4066726.58
19059.81	541113.31	37015.33	4565333.11
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18641.65	534608.48	36571.98	4070730.46
18620.98	534285.19	36549.95	4070919.86
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18579.72	533639.17	36505.91	4071298.32
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18517.99	532671.51	36439.96	4071865.15
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18456.48	531705.52	36374.11	4072430.96
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18354.40	530099.22	36264.62	4073371.70
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18313.73	529457.99	36220.91	4073747.20
18293.43	529137.65	36199.08	4073934.79
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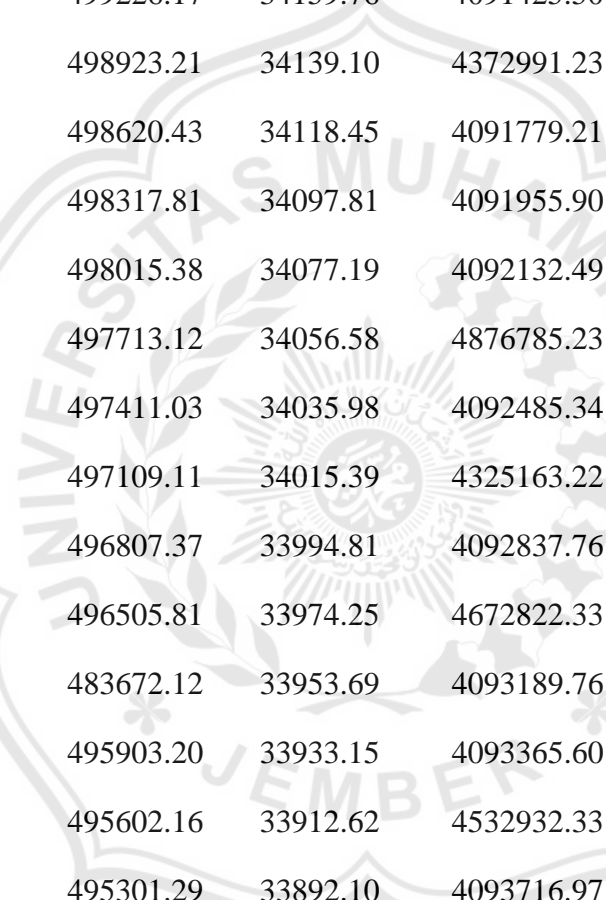
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17734.01	520242.32	35592.69	4079141.40
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17675.09	519297.70	35528.29	4079694.05
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17635.93	518668.86	35485.42	4080061.93
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17577.34	517726.95	35421.21	4812373.12
17557.85	517413.34	35399.83	4080796.36
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17480.13	516160.70	35314.43	4081529.01
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17287.31	513041.69	35101.78	4839293.12
17268.14	512730.77	35080.58	4083534.71
17249.00	512420.03	35059.40	4083716.39
17229.88	512109.48	35038.22	4083897.96
17210.78	511799.10	35017.06	4084079.41
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17172.64	511178.87	34974.77	4084442.00
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17134.59	523417.33	34932.53	4084804.14
17115.59	510249.87	34911.43	4084985.05
17096.62	509940.56	34890.34	4085165.85
17077.66	509631.43	34869.26	4021236.23
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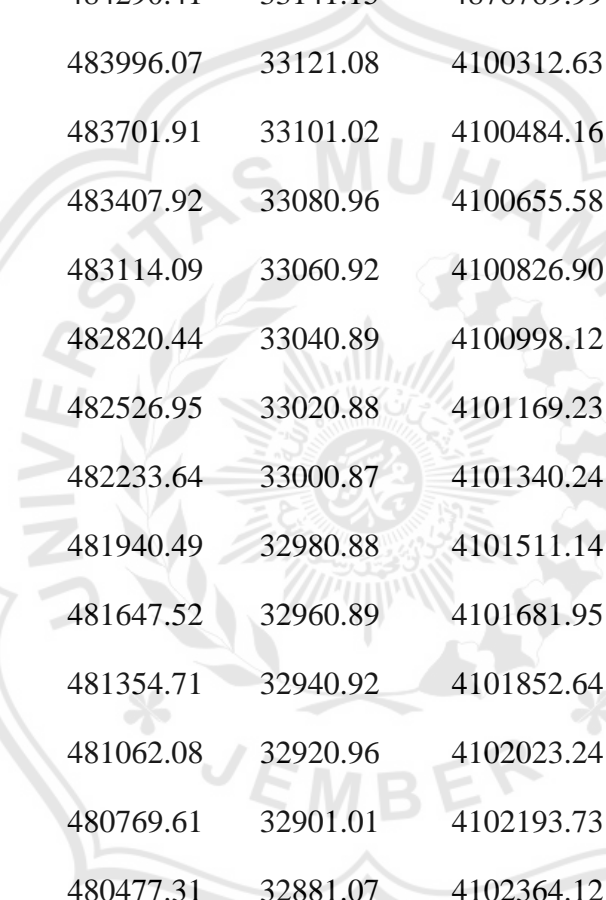
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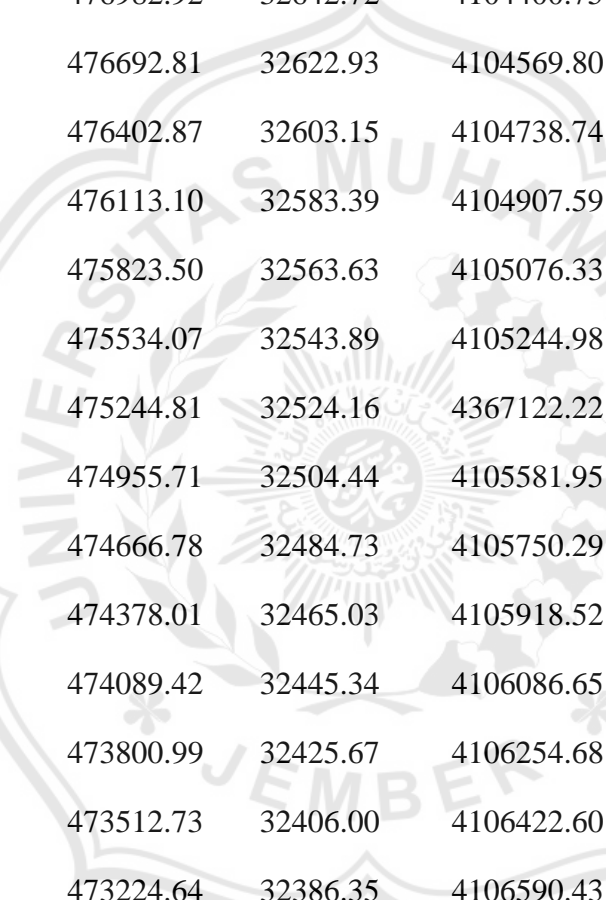
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16445.61	499226.17	34159.76	4091425.50
16427.38	498923.21	34139.10	4372991.23
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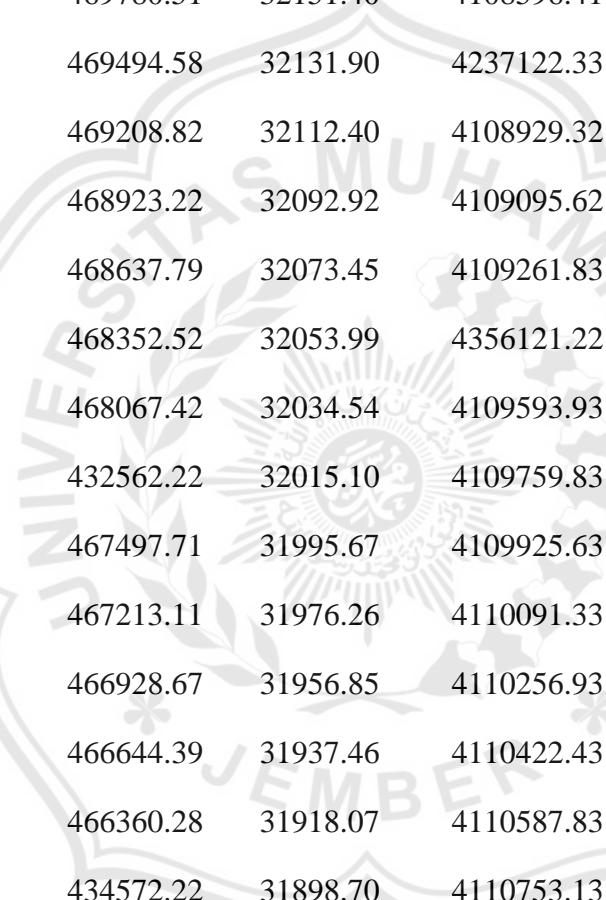
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15889.74	489915.23	33524.79	4096860.15
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15731.90	487243.14	33342.54	4821392.11
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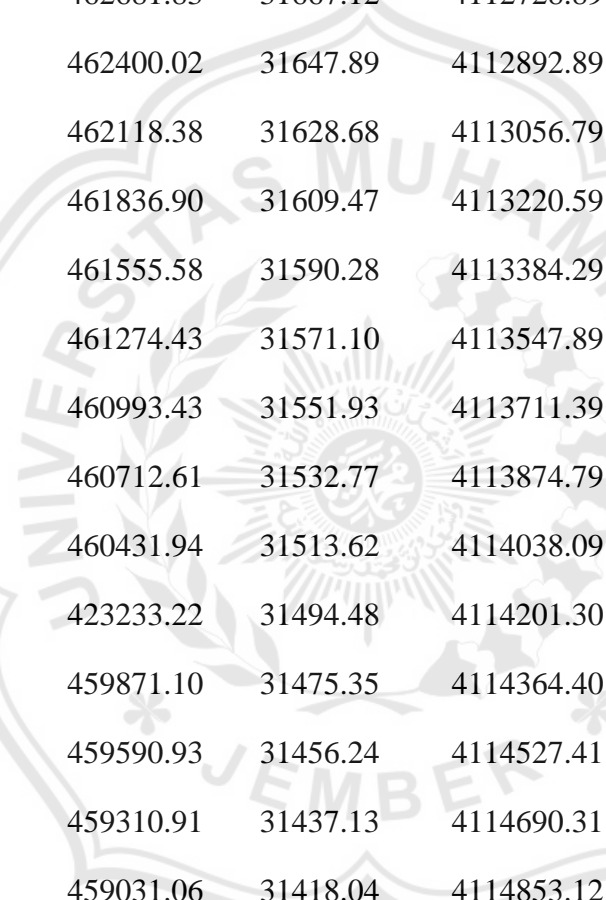
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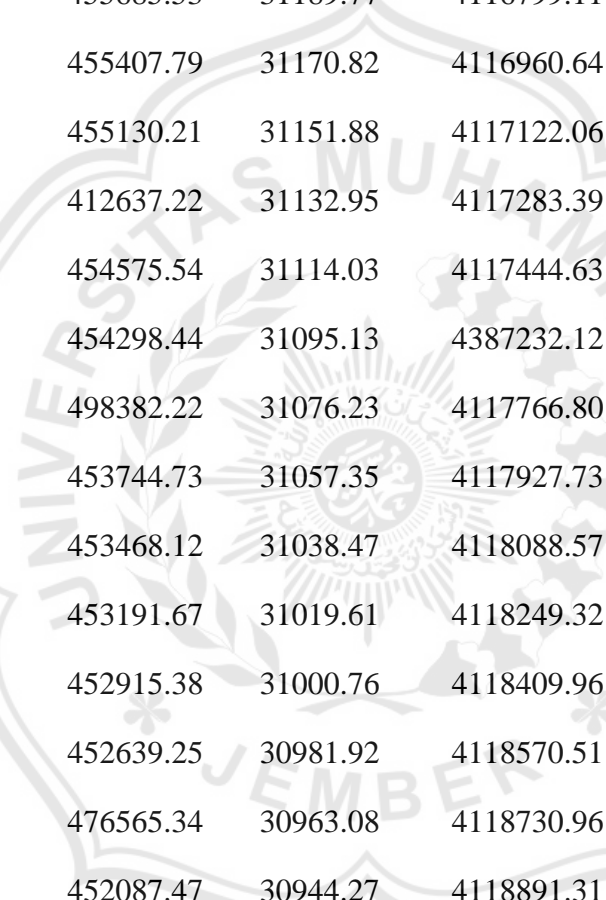
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14999.17	474666.78	32484.73	4105750.29
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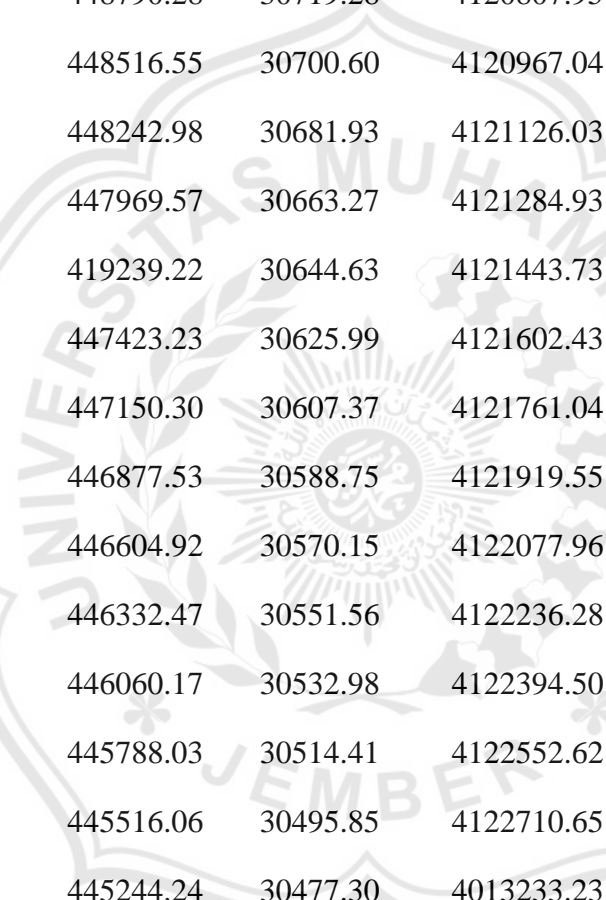
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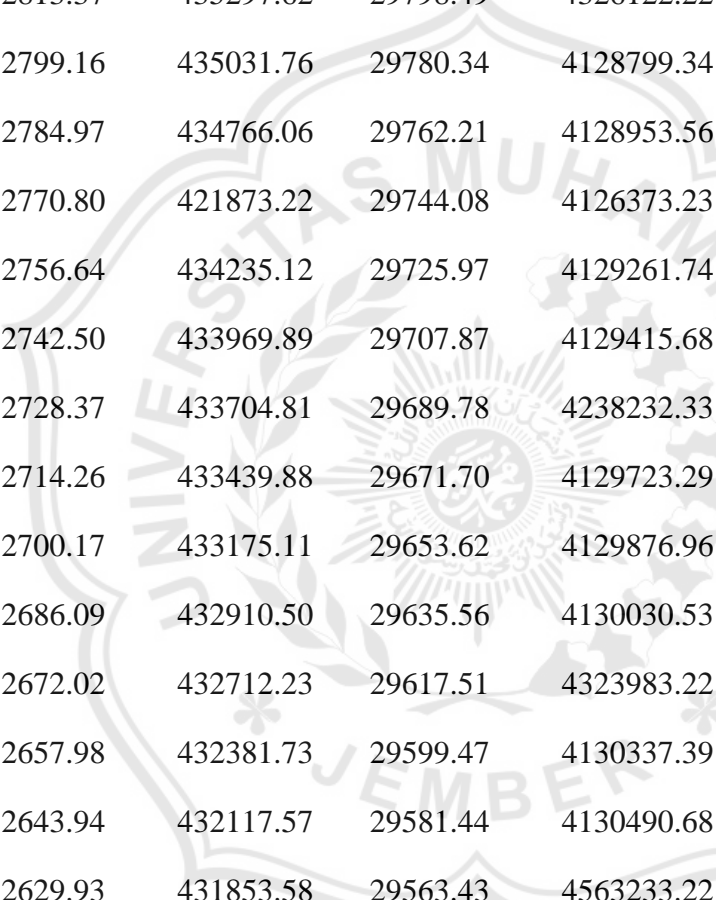


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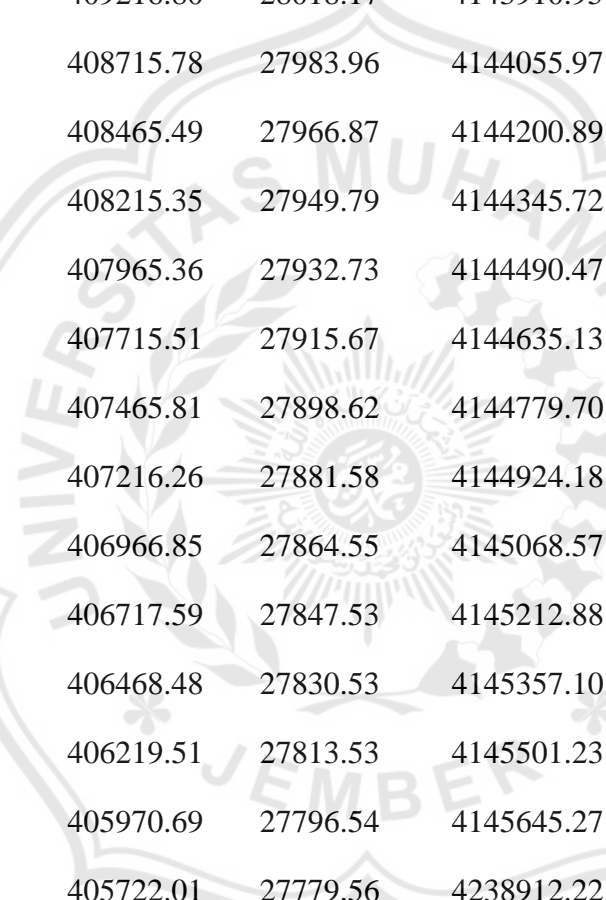
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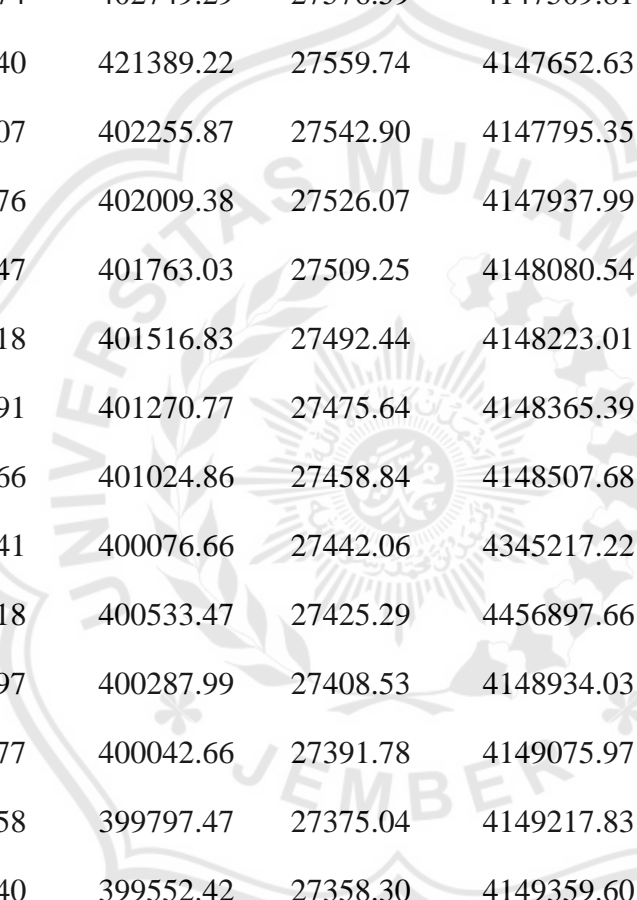
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