

~Version Information Block

VERS. 2.00: CWLS LOG ASCII STANDARD - VERSION 2.000000  
 WRAP. NO: One Line Per Depth Step

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~Well Information Block

#MNE.M.UNIT	Data	Information
STRT.FT	400.0000:	START DEPTH
STOP.FT	3100.0000:	STOP DEPTH
STEP.FT	0.5000:	STEP
NULL.	-999.2500:	NULL VALUE
COMP.	Union Oil Comp of California:	COMPANY
WELL.	#1 N-11 Lukachukai #0519:	WELL
FLD .	Wildcat:	FIELD
LOC .	SE-SW:	LOCATION
SEC .	11:	SECTION
TWP .	36N:	TOWNSHIP
RANG.	29E:	RANGE
CNTY.	Apache:	COUNTY
STAT.	Arizona:	STATE
CTRY.	:	COUNTRY
SRVC.	Schlumberger:	SERVICE COMPANY
DATE.	11/01/1969:	DATE
API .	02-001-20118:	API NUMBER
UWI .	02-001-20118:	UWI NUMBER
TVD .	NO:	TVD flag
WSTA.	OG:	Well status

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~Curve Information Block

#MNE.M.UNIT	API CODE	Curve Description
DEPT.FT	:	Depth in Feet
SP .MV	01 010 01 01:	Spontaneous Potential
LL8 .OHMM	:	Latero-Log 8
ILM .OHMM	05 120 44 01:	Medium Induction Standard Processed Resistivity
ILD .OHMM	05 120 46 01:	Deep Induction Standard Processed Resistivity

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~Parameter Information Block

#MNE.M.UNIT	Value	Description
DATE.	11/1/1969:	Date As Month-Day-Year
RUN .	ONE:	Run Number
PDAT.	GL:	Permanent Datum
EPD .FT	7183.0000:	Elevation Of Perm. Datum
LMF .	KB:	Log Measured From
FAPD.FT	14.0000:	Feet Above Perm. Datum
DMF .	KB:	Drilling Measured From
EKB .FT	7197.0000:	Elevation Of Kelly Bushing
EGL .FT	7183.0000:	Elevation Of Ground Level
TD .FT	3100.0000:	Total Depth
DF .	Precambrian granite:	
DD .FT	3300.0000:	Depth Driller
DL .FT	3291.0000:	Depth Logger
BLI .FT	3285.0000:	Bottom Log Interval
TLI .FT	358.0000:	Top Log Interval
CBL1.	358:	Casing Bottom (Logger) 1
BS .IN	7 7/8:	Bit Size
DFT .	FGM:	Drilling Fluid Type
DFD .LB/G	9.0000:	Drilling Fluid Density
DFL .ML	8.4000:	Drilling Fluid Loss
DFPH.	40.0000:	Drilling Fluid Ph
MSS .	Flowline:	Mud Sample Source
RMS .OHMM	4.6000:	Resistivity Of Mud Sample
MST .DEGF	77.0000:	Mud Sample Temperature

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RMF .OHMM          4.2000:   Mud Filtrate Resistivity
MFST.DEGF         77.0000:   Mud Filtrate Sample Temperature
RMB .OHMM          3.9000:   Mud Resistivity At Bht
BHT .DEGF         92.0000:   Bottom Hole Temperature
TCS .             2 Hours:   Time Circulation Stopped
TLAB.             2 Hours:   Time Logger At Bottom
MRT .DEGF         92.0000:   Maximum Recorded Temperature
LUN .             3874:     Logging Unit Number
LUL .             Farm:     Logging Unit Location
ENGI.             G Schultz: Engineer'S Name
WITN.             V.O. Gustafson: Witness' Name
DGBY.             LS:
WSTA.             OG:

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~Other Information Block

<DescLogPlotStart> NEURALOG PLOT DEFINITION

PLOTDEFVERSION: 3

LASFILE: O:\OG\_Data\RMCCS digitized wells project\Leah Spencer\las\0519DILL.las

DEPTHSCALE: 600.000013

RESOLUTION: 200

DEPTHLABELFREQ: 100.000000

HEAVYGRIDFREQ: 50.000000

MEDIUMGRIDFREQ: 50.000000

LIGHTGRIDFREQ: 50.000000

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# TRACK 1

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STARTTRACK:

LEFTX: 0.500000 inch

RIGHTX: 3.000000 inch

SCALETYPE: Linear

NUMCHARTDIVISIONS: 10

CURVE: SP	0.000000	100.000000	(255,0,0)	Solid	2	N
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ENDTRACK:

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# TRACK 2

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STARTTRACK:

LEFTX: 3.500000 inch

RIGHTX: 8.500000 inch

SCALETYPE: Linear

NUMCHARTDIVISIONS: 33

CURVE: LL8	0.200000	2000.000000	(0,131,131)	Solid	2	N
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CURVE: ILM	0.200000	2000.000000	(255,0,255)	Dot	2	N
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CURVE: ILD	0.200000	2000.000000	(0,131,255)	Short_Dash	2	N
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ENDTRACK:

<DescLogPlotEnd>

<DescLog>DUAL INDUCTION-LATEROLOG

<DescOSVS>FDC, GR, SNP

<DescOSVS>

<DescOSVS>

-A DEPTH	SP	LL8	ILM	ILD
400.000	46.22266402	1129.34559118	1093.27705411	1119.32655311
400.500	45.82504970	1175.43316633	1109.30751503	1165.41412826
401.000	45.82504970	1203.48647295	1125.33797595	1201.48266533
401.500	46.22266402	1185.45220441	1139.36462926	1197.47505010
402.000	49.40357853	1185.45220441	1133.35320641	1157.39889780
402.500	50.79522863	1213.50551102	1106.90249048	1111.07337049
403.000	51.98807157	1169.35361403	1080.78832315	1073.27654935
403.500	52.50118964	1184.97517141	1069.82508050	1056.31006144
404.000	52.72293158	1097.91245873	1041.67371526	1023.90556071
404.500	52.95934659	1005.97804371	1015.52380140	1000.65537989
405.000	52.99547347	999.88264811	989.44119445	976.23230770
405.500	52.96987652	1072.95998120	962.97163678	952.99222877
406.000	52.45115629	1131.25407352	937.35389965	928.39084372

406.500	51.97950782	1079.07942505	909.58663266	914.52994344
407.000	51.60950551	987.62644713	887.46337738	907.18716098
407.500	51.19530683	932.90932108	880.89983652	904.42677970
408.000	50.71282488	937.31340756	880.69791537	904.40063939
408.500	50.24119197	961.85141345	887.74243025	907.93678078
409.000	49.49481505	977.94068737	901.73029554	915.72413499
409.500	48.92416661	988.51071958	923.51645122	927.05746435
410.000	46.47968659	1026.84606103	949.40749846	965.49034447
410.500	43.18768407	1118.49779260	990.39967255	1000.29482067
411.000	40.81278910	1182.71706712	1028.72650673	1035.73398822
411.500	39.58989276	1195.25434439	1068.05710476	1069.80032452
412.000	39.46376365	1258.17738926	1108.09773301	1105.90552774
412.500	39.42392711	1277.21083096	1136.05119091	1135.29274345
413.000	39.63254172	1241.78905901	1140.31783643	1143.80303372
413.500	40.07554882	1201.15667123	1136.82401425	1142.29325901
414.000	40.89946070	1158.27706145	1124.61487482	1128.94213159
414.500	42.41887916	1139.43427032	1111.88394783	1115.35438483
415.000	45.19078139	1166.18136264	1096.96661330	1097.93337778
415.500	46.25987541	1191.50731882	1082.52869360	1078.23624395
416.000	46.22702809	1149.53954519	1061.66713345	1072.33033540
416.500	46.05598203	1061.93809674	1049.58361213	1071.53272874
417.000	45.63555806	1084.74587619	1054.20417359	1073.62138544
417.500	45.05869859	1139.43259346	1059.12369852	1078.31351056
418.000	44.12783250	1134.59256435	1065.06403691	1086.38278231
418.500	43.45742711	1124.54510151	1070.28237517	1093.04001246
419.000	43.20948453	1117.10402522	1076.09883007	1103.41167435
419.500	43.24142994	1118.61744899	1083.13090510	1112.27361985
420.000	43.35346017	1117.91114902	1084.98718238	1112.93294594
420.500	43.63668698	1111.05024109	1086.34175225	1110.16719699
421.000	44.01134291	1098.77020280	1087.27250659	1102.05936921
421.500	44.50961177	1093.42882381	1081.46322534	1082.80667487
422.000	45.55320302	1099.16231778	1058.57614600	1064.50190076
422.500	46.64539025	1115.25078280	1023.35049642	1032.36043209
423.000	47.91656571	1084.03716368	985.19033364	996.57990457
423.500	49.33932861	1027.54879525	947.57827660	950.08822417
424.000	49.91559551	970.42029454	910.00355324	908.22223559
424.500	49.99560994	923.72278302	872.57818889	876.12916232
425.000	50.02053275	900.30847177	834.37063737	852.12531708
425.500	49.97713644	878.22012652	803.84365283	832.17188447
426.000	49.61417838	874.41914535	791.10500449	827.38735808
426.500	49.22367504	874.88680692	789.27564517	826.67696999
427.000	48.77543043	873.67631254	800.58050975	829.55103631
427.500	48.14835011	880.28815432	827.49471945	846.00642265
428.000	47.02899949	933.15907054	869.42181869	871.09938645
428.500	45.84345865	1066.39298888	909.85894686	904.62497572
429.000	44.50088121	1137.62768844	951.15579602	950.47756355
429.500	43.51797293	1184.12719705	991.67980145	1012.74056513
430.000	41.62362046	1170.40356761	1033.35562129	1065.20885193
430.500	39.14505823	1160.37532832	1071.86382289	1098.36328319
431.000	37.58729708	1164.75787907	1117.95915074	1181.76099290
431.500	36.80885579	1173.43661762	1137.92853657	1257.56829003
432.000	36.62846834	1182.00895042	1151.65920131	1283.29067717
432.500	36.42237632	1190.54541064	1155.48543592	1290.05231718
433.000	36.09634531	1194.85277160	1161.45046369	1275.55155546
433.500	36.11891507	1194.87793072	1165.08575892	1253.98464138
434.000	36.26531012	1189.95897711	1166.87799004	1234.56132415
434.500	36.45571221	1192.68637771	1161.41424526	1216.78040833
435.000	37.01225580	1208.01353738	1132.13723592	1145.28487043
435.500	38.14315267	1217.99312671	1065.91320917	1074.34554049
436.000	39.44496314	1178.73523926	983.80449540	1016.92258798
436.500	41.89058161	1062.55868828	923.04705159	989.21966761
437.000	44.25802317	954.58064006	886.91676016	987.75251529
437.500	44.22906109	910.94883164	894.11222268	986.29064973
438.000	43.94264036	970.11246257	919.25796280	986.47565795
438.500	43.41103995	1094.89280267	945.98549565	985.31290331

439.000	43.08009433	1174.24457542	971.02355063	993.55284009
439.500	42.67651727	1216.22107821	1001.01816733	1026.29833351
440.000	42.15137245	1178.87706643	1031.34693818	1064.63119915
440.500	41.64869291	1162.45536054	1069.11463714	1102.77071101
441.000	41.24815463	1172.44628073	1106.29379208	1140.75947131
441.500	40.91996214	1186.71529722	1129.76577541	1179.33785448
442.000	40.18342706	1185.26905285	1142.52996046	1211.06213723
442.500	39.54816429	1182.24087196	1146.27191101	1214.69545538
443.000	37.47239238	1190.67335523	1141.20341774	1201.14982500
443.500	35.54149756	1184.47206145	1131.58319923	1181.29637696
444.000	35.52322018	1170.98806537	1128.16040919	1160.60930172
444.500	35.43782577	1172.91286268	1136.72862820	1145.06735934
445.000	35.54803249	1170.04089388	1166.29446824	1136.92871145
445.500	35.66642135	1218.11763359	1187.81292278	1135.09130795
446.000	35.73203092	1281.28974115	1183.20592651	1130.50870999
446.500	35.87576457	1284.83687637	1158.77680151	1114.90804224
447.000	36.24170838	1249.07177684	1109.90376860	1096.82614363
447.500	37.30974981	1153.99681326	1066.12399012	1083.42380143
448.000	39.40317066	1038.55176417	1039.19138099	1080.97678043
448.500	40.43929269	1033.41883696	1037.31224938	1080.76390040
449.000	40.63030410	1066.53910022	1042.27861502	1079.10321461
449.500	40.72517987	1121.78327498	1050.13496159	1083.70447841
450.000	39.21098397	1136.43747062	1052.71832736	1091.23852741
450.500	38.55410953	1123.70225715	1065.83235525	1115.29096709
451.000	38.76598308	1143.44962570	1084.30509445	1143.46467653
451.500	39.00551627	1158.54419110	1101.82690398	1159.75926417
452.000	39.09193555	1157.08915140	1111.05327339	1164.81023719
452.500	38.99272585	1150.26275442	1117.63935851	1165.84740625
453.000	38.27173763	1136.76103133	1119.42387842	1157.04382959
453.500	37.57246305	1117.41384131	1108.66938621	1129.43749539
454.000	36.79465870	1110.26426527	1045.51922140	1056.66054574
454.500	36.64162172	1103.91231892	989.10783667	989.25362690
455.000	36.70336164	1093.48788546	932.21907713	948.02039697
455.500	37.46371099	974.35921904	876.22292158	904.31018364
456.000	39.18068791	869.45378310	839.02620674	862.65360324
456.500	42.87737984	832.36191105	799.39178060	821.10847527
457.000	44.43449360	838.31288357	768.24114837	789.78788457
457.500	44.91983468	845.78540355	753.04349426	778.07549030
458.000	45.23306018	846.48393158	749.31593099	773.49414649
458.500	45.30446300	840.30826422	751.28981186	773.60721958
459.000	45.36847643	838.14580833	770.29843587	781.08708073
459.500	45.41970789	868.75622774	789.48537043	812.34293995
460.000	45.48539881	934.61292128	825.91869624	846.72151218
460.500	45.52597637	971.46051220	855.36911587	878.16988767
461.000	45.61644510	950.14773152	891.15920440	911.93404733
461.500	45.43582417	945.06513670	919.82085601	943.55031208
462.000	44.59024172	988.38934067	953.76466925	977.32107040
462.500	43.47480190	1129.28999381	986.35228375	1011.58275359
463.000	42.07599737	1120.73158721	1019.83035631	1045.88477653
463.500	40.97778380	1092.26252078	1054.54994524	1080.34394005
464.000	39.57289526	1121.11106830	1086.89179140	1100.22705960
464.500	38.53525471	1191.06382876	1095.12405116	1107.23255635
465.000	37.21577040	1184.29411143	1094.12173318	1109.04545011
465.500	36.43571932	1148.78416681	1084.38271285	1109.15512929
466.000	36.66108734	1120.77039757	1076.95255149	1109.04800746
466.500	37.23913862	1110.54031004	1075.11002877	1106.95911987
467.000	37.57641471	1127.10331439	1075.74857284	1102.22005921
467.500	36.94078674	1143.01126321	1077.36980864	1101.16931773
468.000	36.27467294	1140.06683970	1078.58651663	1101.12629338
468.500	35.63105758	1150.91177312	1087.12605936	1103.50209040
469.000	34.91267246	1179.82438367	1097.77403749	1110.98377855
469.500	34.62264345	1183.11397864	1104.46574701	1116.92311518
470.000	34.52334419	1167.74890411	1107.41441143	1122.60757370
470.500	34.62410480	1166.15041779	1111.35867435	1123.90664543
471.000	34.92370242	1168.58923336	1109.72894615	1121.34949645

471.500	35.47760387	1154.55347881	1102.59539461	1116.74476761
472.000	36.80335873	1127.37159527	1089.45104026	1102.06772161
472.500	38.33592513	1100.98468107	1076.72260941	1072.99990604
473.000	39.43705969	1100.06971869	1045.80230888	1046.61478620
473.500	40.18085062	1124.47184311	1003.32214945	1016.36768502
474.000	40.76734428	1087.34444550	967.81743622	994.83350794
474.500	41.50562633	980.95898983	945.12170252	989.93295156
475.000	42.42402833	988.93876211	943.86878382	984.06740883
475.500	42.26492777	982.24760984	959.63873214	978.94287238
476.000	41.17112608	1026.63809314	972.08306608	974.71867242
476.500	40.21733351	1069.44405479	973.78786556	972.46768218
477.000	39.54553431	1079.61392509	975.90727871	972.35176154
477.500	38.90816318	1082.67174783	977.65707662	972.28313132
478.000	38.00624537	1063.89872617	982.76528098	978.40263277
478.500	37.25633124	1034.66952223	1002.63486414	979.61466160
479.000	36.19327025	1058.01544071	1044.46781081	1014.78905838
479.500	35.44037101	1125.69771433	1074.43485740	1078.87908636
480.000	35.31582210	1284.23997021	1079.63481387	1090.59859421
480.500	36.10052671	1279.00088875	1092.24876380	1108.49267487
481.000	37.52005995	1251.86876236	1111.97692316	1121.89207513
481.500	38.81722290	1159.22712228	1137.02804712	1139.36926894
482.000	40.10493488	1093.91852641	1147.33327249	1148.12692261
482.500	40.93034441	1102.31785171	1136.83856183	1143.50467715
483.000	41.82700681	1145.64846879	1102.01160656	1131.38583660
483.500	42.34118745	1132.53840677	1076.92028169	1113.68075194
484.000	41.78568732	1060.40482252	1057.84447162	1090.57407406
484.500	41.62395976	1043.14515373	1055.64861218	1078.91875251
485.000	41.70583828	1090.07730377	1049.29529757	1064.50990632
485.500	42.00836370	1140.77806647	1042.22159358	1047.93376931
486.000	42.04405647	1112.51242924	1028.78661748	1029.00707476
486.500	41.60194493	1010.12245336	1012.12493034	1010.94451410
487.000	41.04635671	1017.34991340	987.65354071	986.46256187
487.500	40.56874172	1048.48909864	950.42801315	964.95905592
488.000	39.81190995	1034.14054951	917.12474765	942.56353031
488.500	39.26623258	936.63810072	882.03549412	928.52602041
489.000	38.75232713	882.12977245	870.56046922	921.17028635
489.500	38.64113190	888.27671574	869.34766903	915.45381260
490.000	38.70454362	901.41789119	873.17071222	913.66105677
490.500	39.06279772	909.11394667	886.59576417	910.66229471
491.000	39.43854360	934.70163094	893.98940031	906.73998816
491.500	39.42905468	965.61384400	895.23120451	902.33589330
492.000	39.33018805	950.06139103	882.43165985	898.07105664
492.500	39.28497514	916.00354422	856.30944155	893.11622715
493.000	39.08924227	885.85930633	838.51642857	883.99017454
493.500	38.54478608	873.80381405	822.62425465	872.61073657
494.000	38.47455313	861.94202373	810.81341100	861.38170695
494.500	39.01759102	851.65116548	795.96194511	850.36175752
495.000	39.45006338	836.42659111	793.38731217	838.60233907
495.500	39.44842967	844.61546248	802.22417481	829.75103331
496.000	39.49293917	880.63400847	808.65639258	824.16538677
496.500	39.23089320	871.50142509	806.98142156	817.96554276
497.000	38.53978986	857.38069501	797.79207126	810.63541650
497.500	38.43061453	864.25078318	776.84406919	801.34798842
498.000	38.68091015	848.87030038	759.26945767	792.42291247
498.500	39.08285546	795.58788078	733.07707211	783.09312264
499.000	39.51069368	760.84115634	718.42920601	774.34595967
499.500	40.31358730	762.71302446	714.51705030	764.32175276
500.000	40.98636868	765.90698969	713.41981097	756.35873648
500.500	41.66010544	771.86921993	714.90068015	751.49483791
501.000	41.99666541	784.86387176	719.45630965	745.47053469
501.500	42.06620469	821.06711420	722.29227829	740.60933320
502.000	42.04946893	815.17467294	714.09462712	737.22854560
502.500	42.07400573	772.08190199	699.97498822	734.19356544
503.000	42.01041749	744.73882788	685.98965238	731.33443816
503.500	41.54984000	743.83101694	674.56107616	727.62087473

504.000	40.16122047	740.36802558	666.90748381	717.21294572
504.500	38.25462065	737.05413257	659.58607430	707.17194079
505.000	36.22398872	744.60350186	652.39991875	697.26993750
505.500	34.35133800	746.90206860	651.26973505	693.73251460
506.000	33.19444115	743.99256686	648.98699593	693.41227947
506.500	32.82618981	741.78583758	646.81075735	692.59965689
507.000	33.30654724	739.20864065	646.04774954	695.76043053
507.500	34.47069705	736.32110323	648.38163525	700.60426942
508.000	36.46779763	730.24897168	652.13170975	704.94015329
508.500	38.39522214	724.32300634	659.79942435	710.01848082
509.000	39.59455752	728.72506144	668.41876488	713.07837544
509.500	40.29001648	741.12970562	673.95363368	713.49676597
510.000	40.42141541	748.86224208	678.67369556	714.40794589
510.500	40.14445694	751.97928794	682.78646725	715.05006457
511.000	40.13555850	748.40535945	683.75333391	715.88792889
511.500	40.30238767	745.95167086	680.55042204	716.23856211
512.000	40.62630617	742.75008428	678.33329423	713.06387119
512.500	40.82221407	740.68637629	673.42730110	709.46423899
513.000	40.53686605	739.01111791	669.82923412	705.87463635
513.500	40.29703337	739.83413489	667.89015538	704.56349271
514.000	39.98498720	743.17346172	666.48824589	705.88100863
514.500	39.46799668	746.80087351	669.39841580	705.63608323
515.000	39.02979815	751.11702736	672.05914582	712.20315341
515.500	38.44524025	752.89604039	675.35425818	723.61331418
516.000	38.07224098	752.18579061	683.97873527	733.67437263
516.500	37.17128358	756.12088005	692.76698337	744.28153773
517.000	35.93263567	768.63089961	702.95640654	754.74019343
517.500	34.75112914	805.92492396	712.65453848	764.29789146
518.000	33.58439077	817.64932269	718.97256391	768.25541029
518.500	33.05718901	808.25670541	720.80021494	771.55851581
519.000	34.54106167	791.34190701	719.70460865	774.60729612
519.500	36.42398628	782.66740959	716.39687089	774.04170578
520.000	38.17455201	781.89024536	712.79870167	771.48733093
520.500	39.66114904	781.26174965	708.26782574	768.96806155
521.000	40.35864206	777.04793597	705.87739696	766.33947247
521.500	40.86430006	770.71159519	704.74815082	763.78235040
522.000	41.29868057	771.21191974	706.03850321	761.16722366
522.500	41.49083987	775.93039562	708.29333262	758.63616560
523.000	41.41994140	780.87341045	706.13578086	755.97042988
523.500	41.26273640	774.44636366	703.92104641	753.62272993
524.000	40.70419916	758.47941942	701.72223315	750.80363656
524.500	40.10744520	751.46525571	698.84270049	747.59035034
525.000	39.48084758	749.60001624	694.93802100	744.67860868
525.500	38.81608024	747.72880892	689.98832247	740.16972769
526.000	38.55851711	743.54620947	682.24656399	732.97648391
526.500	38.07780137	736.33824183	675.80907516	725.54089230
527.000	37.32209970	735.15429285	670.90684301	718.07988089
527.500	36.55561480	736.57970061	665.84696863	711.77554960
528.000	35.51568831	739.10617448	660.70926848	707.04145196
528.500	34.69250539	741.47421557	656.53668249	701.44397767
529.000	34.50248954	743.37722699	654.88107283	698.06547408
529.500	34.85003997	736.52202397	654.41906595	699.78926648
530.000	35.10563585	729.10022266	654.25617465	701.54622485
530.500	35.35109968	729.50872817	656.23628620	704.20718619
531.000	35.49494731	733.38617170	660.46760703	707.71684049
531.500	35.47780262	738.14535153	664.03457911	711.01348944
532.000	35.50357861	742.19721541	668.28441438	714.41900841
532.500	35.33726762	743.26390776	671.29582646	717.75832171
533.000	35.15428798	743.75649174	672.82461698	721.14501629
533.500	34.77932129	744.43578462	674.73258768	724.48252976
534.000	34.67151749	745.01463840	676.36906637	727.88715978
534.500	34.69087173	745.67687962	677.03748673	730.65822130
535.000	34.69990352	746.20640334	677.48198670	731.45467590
535.500	34.53200611	747.83687286	678.05227390	732.53516950
536.000	34.63832839	751.40598078	678.36823229	730.85762757

536.500	35.28276945	754.34390591	677.35609625	727.02413127
537.000	36.08501677	756.45502785	675.20672312	723.62454750
537.500	36.75474956	753.13873111	671.85076610	720.17812355
538.000	37.14734608	745.00420530	668.52632534	715.96106818
538.500	37.36783346	742.61141902	664.64642829	705.30202427
539.000	37.66648151	742.44421393	658.34269891	693.66823319
539.500	37.95639547	743.12545784	649.89677224	682.56554789
540.000	38.10978459	735.89330939	637.57211573	670.52455359
540.500	37.86093673	720.83555565	624.56906957	661.07394566
541.000	37.65320191	712.48062298	612.74259117	654.57959014
541.500	37.68245213	712.65106274	606.77278876	647.15134858
542.000	37.67541234	712.16093205	604.65009299	646.06809455
542.500	37.66217033	713.84244052	605.93042833	646.59900233
543.000	37.72598574	724.11752226	612.26195222	645.76196580
543.500	37.87675579	733.74339875	621.96070016	651.53954419
544.000	37.88342450	742.28156445	630.48880763	664.36792804
544.500	37.81550830	748.22980170	642.20171045	676.74518826
545.000	37.67726575	752.20794844	657.10762034	688.77613906
545.500	37.51431223	761.80351381	669.05918160	702.55187694
546.000	37.63424423	774.27649152	681.76234997	712.94844363
546.500	38.09458617	785.83531789	690.41093549	717.53919881
547.000	38.32267587	787.68258964	693.57211291	723.79652543
547.500	38.61149037	780.11167029	698.56782516	729.26437026
548.000	38.85692822	776.53554341	703.67824909	735.18227498
548.500	39.27504370	778.45088153	709.80617605	740.65736667
549.000	39.53339138	790.04174117	715.63068963	744.44739217
549.500	39.64312977	798.25912764	721.63830397	747.26734147
550.000	39.55843453	801.99931341	726.91025920	749.93409123
550.500	39.50830921	819.31322978	730.08439194	752.85538940
551.000	39.37137662	828.74151571	728.34425535	756.57593089
551.500	39.09268785	808.41341013	726.51238586	763.07842548
552.000	38.50727487	784.55449175	727.30374100	768.25179862
552.500	38.10282957	782.61533303	736.03956384	778.39323117
553.000	37.92673955	800.20071825	752.33253401	792.00793132
553.500	37.84700837	832.54611240	767.99620046	803.10525115
554.000	37.89720611	854.41173334	784.96694127	816.27785477
554.500	37.67860272	872.23160881	798.62209435	825.37408121
555.000	37.27682308	883.39135994	809.07253808	828.82688408
555.500	36.95260037	888.68362761	807.05168707	830.51568883
556.000	36.66406287	877.85039948	794.04620914	827.80113738
556.500	36.71068462	846.51852115	777.29310974	818.76503468
557.000	37.70664956	819.97662647	761.72671968	804.37536454
557.500	38.91540436	801.95543261	746.62922428	789.59275788
558.000	39.61171241	800.37303472	732.90736367	776.39182874
558.500	40.05287334	798.50251882	720.95793611	762.32091650
559.000	40.46257963	796.92592182	710.13000937	752.33163461
559.500	40.66165827	793.91589139	705.98434065	752.45361881
560.000	40.27733825	797.42012525	707.31155450	755.76278140
560.500	39.89982182	798.14350780	713.27477381	764.16524726
561.000	39.46089427	797.19341900	722.27619915	771.27455143
561.500	39.09469991	796.02609413	730.14840366	779.34983299
562.000	38.54945883	803.70937768	738.56828519	786.10781056
562.500	37.40943740	821.11185243	746.97656427	793.62131294
563.000	36.46450011	828.68110758	755.64646719	801.55732568
563.500	35.82786666	834.54935905	763.21511279	808.80717620
564.000	35.19522490	834.84016733	771.80375105	815.13800009
564.500	34.80552141	834.60913415	774.14803783	821.76946795
565.000	34.68879043	833.99081226	775.41956331	825.41826032
565.500	34.67895287	833.35853683	776.88005632	825.73062879
566.000	34.72317215	832.82416183	778.11534512	826.72414097
566.500	35.07453607	832.01063764	779.53659868	827.28837090
567.000	35.50136622	831.76435421	780.59972648	828.28574441
567.500	35.73191326	830.30381046	780.88757327	828.13144890
568.000	36.07748660	828.96773572	779.58521293	822.12449457
568.500	36.35730711	818.96491414	774.72601432	815.20110400

569.000	36.48711025	808.31731136	766.31646610	809.37789309
569.500	36.48209344	804.72026339	756.25938197	801.16084976
570.000	36.48765912	798.99275197	746.60346053	791.28023330
570.500	36.47612399	794.25210709	736.56120251	782.47787316
571.000	36.49739904	789.09132806	727.06173621	773.24713773
571.500	36.30557117	783.89465852	716.39845384	764.19225178
572.000	35.74003211	778.44589794	707.82187238	755.19409471
572.500	35.22037151	772.95799444	701.45891230	751.33043571
573.000	34.70922471	769.55041400	695.17462638	748.01008788
573.500	34.70549646	768.20634254	694.33931234	744.87223743
574.000	35.12437622	766.34350389	694.46095800	745.11030818
574.500	35.72621754	765.05005809	694.71470411	745.82102974
575.000	36.46982640	762.87671348	698.66953614	746.62206228
575.500	37.23286770	765.89506305	702.67268853	750.40669069
576.000	38.07126248	773.31333293	707.46998841	755.45164117
576.500	38.99797183	785.07900645	712.99501162	760.31353460
577.000	39.52087222	795.90027675	718.09162298	765.22367529
577.500	40.06436383	796.90103252	723.37695238	770.17661851
578.000	40.28168331	795.93052262	728.55321228	774.86097906
578.500	40.23046625	794.53213008	733.79655950	779.17359807
579.000	39.86698199	794.90785990	738.85281049	783.47169389
579.500	39.52976152	794.40060393	742.68901104	784.97134214
580.000	39.20622253	799.01415415	746.68204497	785.08951257
580.500	38.86881646	808.57013425	748.81114787	785.39249105
581.000	38.46912439	812.26215175	748.38306816	785.59144912
581.500	38.09285937	809.20679079	744.58932421	785.87082386
582.000	37.71002120	807.14273763	742.37475676	786.05556073
582.500	37.31642822	807.61792708	742.67896066	786.38355880
583.000	37.10851516	809.04259812	742.77088348	786.44991595
583.500	37.20853365	809.82681676	745.39521137	787.76093225
584.000	37.41682367	813.28165698	747.44075329	789.79292808
584.500	37.67059432	819.91421538	751.05874885	792.02633226
585.000	37.92773175	826.44278948	755.91560973	793.51550153
585.500	38.25430699	833.82487774	760.33321109	798.77655594
586.000	38.67845036	838.40379617	764.96749355	804.94671373
586.500	39.16498927	837.01433169	767.65334909	806.59701237
587.000	39.44654383	836.75375197	769.12999248	808.42501344
587.500	39.45592752	836.87249379	770.64396383	809.85811771
588.000	39.50013702	836.93907070	772.18961138	811.75055971
588.500	39.23982508	841.95365705	772.43940893	812.72044724
589.000	38.66380694	844.62790507	771.76132895	812.01480314
589.500	38.13823053	841.93539526	771.33659083	811.68713049
590.000	37.00787989	837.28938662	770.74104572	810.87988971
590.500	36.69270358	836.56485473	771.30075086	811.97536824
591.000	36.53435127	836.99448230	773.25411866	816.14563631
591.500	36.27966347	836.57697942	778.72888669	820.18535071
592.000	35.91985169	845.73425639	784.84070748	824.35777006
592.500	35.85968656	859.85699600	793.27278852	828.43576425
593.000	36.04628218	860.86476274	802.91208022	832.62083821
593.500	35.94451939	860.99651394	808.19167716	836.49406359
594.000	35.74294659	860.63811497	808.83212460	837.37827607
594.500	35.47854245	861.37755079	808.46202952	837.78756946
595.000	35.26760500	856.76860550	805.51518445	838.39685678
595.500	35.28435393	851.04714263	802.53115652	838.44876290
596.000	35.42779643	850.54553657	796.82059216	834.78751492
596.500	35.62554613	851.52897509	791.01858940	830.63981329
597.000	35.88669217	844.62334584	784.91713586	826.77653030
597.500	36.10930747	837.99325328	780.75824786	823.46290182
598.000	36.06412379	839.08461423	780.67193186	820.28211881
598.500	36.15222351	839.12304787	780.63156795	817.10201816
599.000	36.84669915	846.41334423	780.64431297	816.61076773
599.500	37.20682619	853.26246402	780.66926235	816.84108866
600.000	37.62035657	854.13579022	780.59398919	816.51423089
600.500	37.64928551	845.88765882	780.92279056	818.66699663
601.000	37.35147767	839.13567179	783.35768854	822.11096501

601.500	36.89640701	839.52795999	787.53016073	825.27495257
602.000	36.63898481	848.71755049	792.63467662	827.15237877
602.500	36.83924543	854.47085547	795.82475539	827.40013108
603.000	36.88474160	851.67901752	797.66752037	827.95862806
603.500	36.86685882	850.75554075	799.86978361	828.38470375
604.000	36.91269733	850.84298634	800.81649964	828.70908822
604.500	37.26141257	851.76873961	800.78712085	827.76983635
605.000	37.68766104	854.28733064	800.44143483	826.94357581
605.500	38.04548393	851.25214612	796.83706328	825.86576447
606.000	38.76964989	838.36453259	792.15772573	825.30160990
606.500	39.29759441	834.66726273	788.00057682	822.16666501
607.000	39.62280221	834.46327049	784.08623141	817.30500202
607.500	39.67637107	838.91740201	780.17070027	813.29301361
608.000	39.66446212	843.03029544	776.13105255	808.69595661
608.500	39.64005310	842.14655768	772.44781627	805.79208284
609.000	39.14196644	834.88006099	765.99146398	804.18256912
609.500	38.46467861	830.57851605	762.24857154	802.85259650
610.000	37.73528147	831.89261366	762.76960496	803.76184607
610.500	37.66289874	832.51523821	762.40928071	804.78133686
611.000	37.67687590	834.47451243	763.14966314	805.72182409
611.500	37.66667698	842.93286421	768.35512027	806.95051000
612.000	37.67916067	849.79686424	773.57950380	810.68622254
612.500	37.65719891	849.87048717	779.15839661	817.63313372
613.000	37.82273016	851.10325580	785.84885454	826.81295503
613.500	37.88125377	849.42006729	796.12125141	836.61263103
614.000	37.86972295	850.45698196	807.43506679	847.96534354
614.500	37.86464996	862.91549088	819.86254774	860.57284720
615.000	37.91274947	879.79037333	834.60494942	870.65897642
615.500	38.12112530	895.02544804	851.00220333	881.69588927
616.000	38.32524745	909.28824556	869.84599125	890.39195096
616.500	38.60302663	941.09465548	881.42128360	893.34367854
617.000	39.00067851	935.05051711	876.60390127	896.82819858
617.500	39.49958193	909.58070235	867.21992049	895.97908029
618.000	39.67707149	893.71296662	858.33608739	887.77952635
618.500	39.65614056	886.82626380	849.35414255	874.34509073
619.000	39.68008683	882.28207686	839.78672957	867.28145806
619.500	39.49074099	883.13897890	829.68280861	860.85518813
620.000	38.91748303	882.62062753	826.44212320	854.74039040
620.500	38.44358038	882.94124194	825.18858241	852.77536180
621.000	38.20051147	882.57175267	827.20277071	852.53212633
621.500	37.99315802	883.95168279	831.80049557	854.90258988
622.000	38.02054606	894.78795118	838.58151700	858.69756614
622.500	38.06320973	905.31741075	844.97150010	862.34476162
623.000	38.25227413	912.39896303	851.62653671	865.16875807
623.500	38.53439743	917.88950791	858.38255757	872.30585151
624.000	38.81992593	923.05352576	866.22944732	882.30264056
624.500	39.02639174	928.38163891	873.74423425	891.63972964
625.000	39.17597361	927.88980605	882.96664320	902.51299564
625.500	39.37394558	926.41004897	888.58484906	918.26724312
626.000	39.46940885	929.08262422	908.15464838	940.81776863
626.500	39.48674912	948.61846284	935.39927137	966.51129271
627.000	39.85541303	999.55661568	960.77037066	992.54805979
627.500	40.14902979	1020.99646237	990.08455349	1018.45137333
628.000	40.30364599	1045.57692974	1016.67650111	1044.52298565
628.500	40.48457321	1152.21385762	1049.68140385	1070.29799896
629.000	40.64731097	1232.22396583	1080.70817038	1098.92712468
629.500	40.62461444	1216.26587428	1112.18287888	1132.84275301
630.000	40.54260786	1213.60880881	1142.78846870	1165.39590149
630.500	40.43417852	1232.41887212	1176.67902921	1177.92566143
631.000	40.12019949	1263.61935610	1172.08174381	1174.11989130
631.500	39.74773165	1283.55201180	1142.34679059	1156.16852841
632.000	39.45236406	1267.38137074	1106.32810926	1112.69674622
632.500	38.86731252	1175.94906396	1058.45716645	1067.27738396
633.000	38.36831596	1047.79122286	1014.59590899	1021.60866079
633.500	38.28593365	990.20550789	981.47829752	981.05482624

634.000	38.24684785	997.24431812	954.26578329	955.79109318
634.500	38.43029523	1031.99607225	925.91648424	932.75472468
635.000	38.44111400	1001.02469899	898.93624483	910.74186584
635.500	38.20907904	939.85006034	872.36921156	894.19297890
636.000	37.93215058	899.97570011	856.08149640	880.13965341
636.500	37.71352987	889.28531571	846.26063111	867.25229906
637.000	37.66940767	895.45930058	838.34327494	857.92522756
637.500	37.65417902	896.08238515	830.92961481	850.25820417
638.000	37.26667683	887.82760427	824.17542363	843.28528349
638.500	37.02745649	874.98053198	817.67195525	835.31305500
639.000	36.69235092	864.07876229	810.45959471	828.58819516
639.500	36.27514897	852.37944417	803.50627205	823.58349818
640.000	35.86215155	841.09186921	796.38740787	817.64468370
640.500	35.19654970	830.40520819	789.14431884	812.67100869
641.000	34.85222277	826.16266877	784.30862139	808.30657211
641.500	34.93504722	828.72818564	779.66168487	804.62504455
642.000	35.21047195	834.68010929	774.76315074	800.34222255
642.500	35.61143513	837.01437232	770.80188985	798.57218742
643.000	36.00114539	833.51157131	770.72571421	798.42897361
643.500	36.43758323	828.04540816	773.90812449	801.06437081
644.000	36.82632198	837.52984773	779.68954776	809.21864685
644.500	37.29328743	851.51896902	788.77215325	817.32068081
645.000	38.03425270	866.45893723	798.34810119	825.26690544
645.500	38.42540622	873.40159872	808.58381391	834.17337470
646.000	39.01612502	873.04731153	825.85401921	852.12515136
646.500	39.43791628	877.58631450	843.93814473	870.12361193
647.000	39.84140946	900.03952798	874.46258351	886.98422690
647.500	40.21947146	951.90184886	894.45113972	898.48284000
648.000	40.29105228	981.36985958	893.70322128	903.87971596
648.500	40.07517117	963.32848697	892.07582646	905.39345859
649.000	39.57373481	930.22106793	888.59879269	907.48057555
649.500	39.15228108	904.24584681	879.08324252	904.79914317
650.000	38.44646619	899.69406127	867.82145507	896.35832779
650.500	37.37067572	892.00352899	855.93931049	883.55747119
651.000	36.65463513	885.95585229	844.50738113	870.75542284
651.500	36.16913133	878.84372180	834.08499026	858.14969238
652.000	36.06179574	872.53630734	822.12267964	846.82196119
652.500	36.06982809	865.45487448	812.82222475	835.79560188
653.000	36.25735383	862.72442757	808.32832677	826.37408175
653.500	36.67942605	864.60332410	804.75531397	819.89223676
654.000	37.20994720	864.66006288	800.75053955	815.97827093
654.500	37.70687571	855.90065158	797.61561383	815.57354968
655.000	38.00506142	846.98005420	795.51348646	814.40258982
655.500	38.28165595	846.75559035	793.15523190	813.65086600
656.000	38.49021557	846.81957611	790.84299325	812.73058574
656.500	38.46822360	844.71497625	788.92144770	813.75124248
657.000	38.33840065	838.36865373	790.81554135	814.68527348
657.500	38.23330910	837.47420306	797.75694418	822.81831337
658.000	38.59453233	845.92374139	806.88650598	830.33670251
658.500	39.14522223	874.36302951	814.54003307	832.70394144
659.000	39.50768474	895.55493574	821.39323307	836.65611942
659.500	39.25387634	900.88312651	824.93772400	839.43542191
660.000	38.58714547	895.32962840	823.76451609	844.20612928
660.500	38.11424000	876.88747844	823.39679006	850.50851438
661.000	37.88721616	861.82022426	821.65227087	853.12838788
661.500	37.46831777	857.28990092	818.34992873	850.19224316
662.000	36.97359800	860.73206759	814.97362556	843.53635162
662.500	36.70882977	862.37585835	811.20482498	834.02938953
663.000	36.66571738	858.51501353	810.15387355	830.42097724
663.500	36.71367249	854.98485558	809.57978291	829.65548148
664.000	37.06302134	855.54153555	808.85914038	828.82775431
664.500	37.61732114	856.15976400	808.20910759	830.00193839
665.000	38.10651107	856.83416186	807.52554076	831.23698761
665.500	38.27964504	857.46085205	806.79196322	832.52781447
666.000	38.28343439	858.09215836	806.13297704	833.79064019

666.500	38.22822565	858.73642587	805.37103357	835.07496376
667.000	38.04060874	859.34143967	804.65021549	836.33256606
667.500	37.64331779	860.04071963	803.85213230	837.62036552
668.000	37.02878661	860.56511347	803.19904192	838.85031968
668.500	36.41842078	860.77018495	801.65018600	840.19699203
669.000	35.86620824	855.22672238	799.14995877	840.94335092
669.500	35.01605901	852.69518128	796.74129795	841.05129173
670.000	34.30080976	853.54331433	794.32052422	841.27072624
670.500	34.26977202	853.63151581	791.82551795	841.43378174
671.000	34.51661334	854.10648986	790.06992047	841.62752201
671.500	35.10717441	854.36790600	789.07050906	841.80530729
672.000	35.48630294	854.73733474	787.93303685	841.99013244
672.500	35.71820885	854.82781962	786.88836304	842.17318675
673.000	35.65877567	854.82234367	785.73939799	842.35505161
673.500	35.84873866	854.83727843	784.98747227	842.54291822
674.000	35.76171486	854.81350504	787.68571925	842.71708826
674.500	35.48957229	854.83473077	790.92681349	842.92724304
675.000	35.20660837	854.77912196	794.33383366	843.16786287
675.500	35.23419077	854.88176822	796.05807751	843.39381496
676.000	35.30050835	853.93217091	797.63160106	843.62596402
676.500	35.28532403	851.97168928	799.29616856	843.85487857
677.000	35.28148045	850.88633638	800.91465206	844.08540762
677.500	35.48079032	850.90358820	802.56342230	844.31527401
678.000	36.43146748	855.53653896	804.14612004	844.54528715
678.500	36.70729369	867.52629445	805.27962305	844.79020943
679.000	36.56778326	869.10634611	806.13907365	845.00521940
679.500	36.08284448	868.55993194	806.98446996	845.23424953
680.000	35.24023845	867.97675140	807.82424129	845.46407011
680.500	34.55699758	867.18665379	808.67487166	845.69130832
681.000	33.81931547	866.80230556	809.49649749	845.92419171
681.500	33.28644815	866.93209769	810.36610818	846.14626674
682.000	32.93752427	866.68421664	810.79138151	846.38870903
682.500	32.86922962	868.73075519	810.58265708	846.58784905
683.000	33.08837865	871.52273999	809.36459941	846.93730521
683.500	33.48332476	867.76053518	808.16485595	848.20870317
684.000	34.07371539	864.64054534	806.99403487	849.42309007
684.500	34.89805651	864.70155710	810.22061696	850.64272704
685.000	35.69152869	866.00976903	816.13656389	851.85339467
685.500	36.32610265	874.85443949	822.32892056	853.07843236
686.000	36.49328311	884.38762119	823.85533704	854.27742537
686.500	36.46132912	889.15244966	824.78286761	855.52420222
687.000	35.94913053	888.70274033	825.83421064	856.68534111
687.500	35.46279161	878.37704108	826.83457120	858.05290671
688.000	35.14303614	870.17881760	827.87303553	859.03647391
688.500	34.93173633	871.12649716	828.75984827	859.30894405
689.000	34.88108928	878.67285640	828.77975563	859.80431397
689.500	34.89466606	884.15056992	828.85182128	860.11010107
690.000	34.88581041	884.36985638	828.69921876	860.69001474
690.500	34.89334380	884.17777654	829.00571736	860.14436498
691.000	34.88395582	882.32030569	826.17866313	857.77007040
691.500	34.90130537	880.73147221	819.70224868	855.46057314
692.000	34.84525247	876.26666103	814.80261440	853.12000694
692.500	34.54578290	870.89374867	809.32818800	850.73326208
693.000	34.32789096	867.41545062	806.85661157	848.83458017
693.500	34.32387946	870.07834228	808.24231939	848.13190817
694.000	34.55140764	873.09355059	810.39540607	847.60835148
694.500	34.73691154	876.31733216	814.11645447	846.97101985
695.000	34.94408670	879.33689018	817.38018249	847.17182933
695.500	35.11301724	882.65854558	820.48713925	848.03676530
696.000	34.93225838	885.46901732	820.25341818	848.75359850
696.500	34.89093035	887.59541823	819.75951390	849.53833674
697.000	34.85327638	881.38219365	819.14181758	850.28735348
697.500	34.63958332	869.39794948	819.51806653	851.04906005
698.000	34.46348305	869.80532500	827.76826917	851.81596850
698.500	34.69260288	884.73425789	831.70007614	852.54338864

699.000	34.92055659	897.87772778	832.39629025	853.20625200
699.500	34.85187116	903.00956195	833.60172932	853.90321013
700.000	34.64797122	898.87068761	834.54263591	854.46580112
700.500	34.43514805	895.36183275	835.63326031	855.73619742
701.000	34.10227614	893.55013117	836.64203637	857.96379969
701.500	33.81401296	893.27802548	837.69551451	858.91191459
702.000	33.74006946	894.77649513	838.70273608	858.80570826
702.500	33.94116217	895.87667262	838.81789294	858.85541278
703.000	34.28787373	898.76898980	838.81210450	858.82736727
703.500	34.56933182	901.26432941	838.78960362	858.84260341
704.000	34.69662650	900.09888067	838.84950103	858.83494569
704.500	34.57397111	892.99266919	838.73228988	858.83572161
705.000	34.15891416	887.23174911	838.97060251	858.83626320
705.500	33.67533384	886.88009867	837.12926760	858.80576199
706.000	33.33009250	886.83054822	834.18685491	858.45849086
706.500	32.83604319	886.98027688	831.64265837	858.04513315
707.000	32.32342808	884.95830518	829.10405967	857.64844108
707.500	31.70912368	878.11548016	826.19591320	857.23501337
708.000	31.08970981	874.75132980	824.86077107	856.87955723
708.500	30.70879165	878.06685924	825.57175278	857.08138511
709.000	30.48788748	882.90986982	826.24720274	857.36334772
709.500	30.52497995	886.37628323	826.50071822	857.64371669
710.000	30.50859920	894.98592334	827.51550232	857.89404381
710.500	30.51438589	901.37924471	825.88360815	858.21212043
711.000	30.51853076	891.40496587	818.85123358	858.39904932
711.500	30.50473950	870.69769600	816.70157294	858.84489416
712.000	30.56125641	865.42748434	817.77402188	857.76942819
712.500	30.76059516	873.23179964	818.68380045	855.59537325
713.000	31.10506801	887.97213502	819.23400910	853.59091606
713.500	31.39160354	886.60447108	819.66510359	852.72992729
714.000	31.50477618	882.83507720	820.15168697	852.82212998
714.500	31.53245242	883.07177573	820.59893441	852.83026759
715.000	31.22676859	886.80210179	821.10035881	852.70767385
715.500	30.94234508	889.29762895	821.51809507	853.89514158
716.000	30.78712247	888.14363025	822.07688103	856.12676449
716.500	30.53949309	884.09309854	822.36237450	858.05147900
717.000	30.66413129	880.43746718	824.26551791	860.11560449
717.500	30.72827222	885.20975263	827.97363561	862.10175714
718.000	30.72067125	895.47935457	831.60990624	864.13188842
718.500	30.55262277	901.53549452	835.11755337	866.13102361
719.000	30.05780942	905.24852954	839.06156599	868.16359953
719.500	29.51751750	910.48131853	840.54201886	870.14380154
720.000	29.14989543	913.45150800	839.13768257	872.21437097
720.500	28.73120004	911.76141114	838.27472869	874.06370155
721.000	28.32867258	902.69024588	837.04656269	876.24435115
721.500	28.06412609	898.32441327	837.41547966	878.65774536
722.000	28.41702495	901.07310255	839.25964853	880.90643871
722.500	29.14842538	903.29345334	844.38286672	883.12784177
723.000	29.53828229	902.34151764	849.72736137	885.53955462
723.500	30.32390333	907.02722496	854.97161796	887.52189842
724.000	31.08805284	917.99116946	860.47413850	891.17995694
724.500	31.48596867	928.25499969	864.15576559	895.05694235
725.000	31.50094410	931.19304344	867.86985114	902.47504844
725.500	30.96697735	925.61580561	871.50581914	912.36386497
726.000	30.63679131	921.60128201	875.44820049	916.29648013
726.500	30.52157175	920.15783735	882.99990869	918.26144425
727.000	30.51630407	927.50172471	890.21225112	920.21016235
727.500	30.52200659	947.06664347	890.99767839	922.09957105
728.000	30.38944043	949.15736596	890.96207234	924.13019905
728.500	30.21441812	941.88826983	890.74281480	925.18857705
729.000	29.85885969	936.71931489	892.42712896	925.36579346
729.500	29.67475194	932.58922499	895.39087757	925.65439081
730.000	29.46972313	951.98167660	899.14749425	925.91575218
730.500	29.26942275	971.66816336	900.53314665	926.13328753
731.000	29.10427018	966.23218606	895.45441505	926.47947747

731.500	29.14170190	958.42198395	891.12368008	926.55282043
732.000	29.08799103	957.35182432	891.32592524	928.55427779
732.500	29.45677634	960.04605707	898.36590389	933.71063983
733.000	30.03610968	961.05439550	904.39271024	939.26770247
733.500	30.31720947	967.54528138	920.81549883	958.49597595
734.000	30.68316600	986.43306806	961.05137495	981.21856236
734.500	30.76273572	1018.27554320	1003.23529892	1002.77638978
735.000	31.07372481	1171.49436499	1048.00173030	1024.57304653
735.500	31.27557349	1223.66499776	1065.49987687	1049.32557463
736.000	31.21690191	1270.57313041	1075.65590223	1074.76303221
736.500	30.90066790	1201.89128975	1081.17782760	1108.24473473
737.000	30.71073751	1135.62662758	1097.40682017	1133.36443245
737.500	29.99048702	1151.63183481	1124.10031090	1148.60139784
738.000	28.70631262	1207.86316294	1133.67667882	1168.00425296
738.500	27.18104251	1195.01229916	1149.61647370	1180.39866450
739.000	23.99306867	1216.55211620	1172.22224262	1194.64881174
739.500	22.01968824	1304.17627707	1194.28423328	1207.60140840
740.000	20.01337473	1398.61395309	1218.04702596	1222.49282087
740.500	17.47238814	1404.43619737	1246.44939720	1240.93454224
741.000	15.52899008	1405.74265288	1276.20707237	1265.63134545
741.500	15.25966924	1414.98714505	1301.00121319	1295.36077370
742.000	15.29325771	1442.26647724	1320.09172512	1322.81250372
742.500	15.61129193	1455.65996193	1331.78166139	1334.03634634
743.000	15.93791169	1455.69524508	1337.86793282	1344.20127364
743.500	16.45465064	1455.65075886	1344.05175803	1354.30715882
744.000	16.97795566	1454.62635121	1350.43294850	1364.68299526
744.500	17.50368598	1452.70624710	1356.66220883	1389.93329846
745.000	18.15997447	1461.18726109	1362.81527010	1408.60886566
745.500	18.65771580	1488.31223094	1369.51501527	1420.76594817
746.000	19.36003652	1482.83512195	1371.78351014	1429.67354230
746.500	19.74809031	1432.10418911	1375.08185667	1431.42098680
747.000	20.21434615	1384.98464691	1385.06178527	1427.44678229
747.500	20.64246435	1416.89130447	1401.77311020	1423.34208724
748.000	20.9355824	1471.74851349	1390.22912254	1400.86705061
748.500	21.82292479	1461.63113204	1351.92615408	1356.57799446
749.000	22.88686657	1417.24549080	1289.92855574	1299.99372995
749.500	23.86792831	1364.49795827	1221.47014656	1236.02574827
750.000	25.99604412	1308.37750915	1154.11540953	1189.25136392
750.500	28.19784205	1191.25178589	1109.87393504	1162.57683796
751.000	30.30100254	1150.96108232	1096.48433148	1132.59358112
751.500	31.15627770	1157.68653043	1082.34451956	1105.02787980
752.000	32.11879425	1172.78921493	1069.68025361	1075.93544815
752.500	32.46740166	1191.84157138	1055.12327200	1064.49300698
753.000	32.54126622	1187.42606699	1047.87126376	1071.17049060
753.500	32.45376418	1099.53671741	1052.85268963	1081.94812634
754.000	32.31721325	1104.86396104	1078.25381140	1093.73289626
754.500	32.14041705	1217.92203711	1100.22686849	1105.42809572
755.000	31.81693642	1337.14495315	1103.85002468	1116.37934166
755.500	31.74900107	1288.16978259	1112.09669450	1123.23098048
756.000	31.47008990	1169.59814965	1114.77006077	1141.93689521
756.500	30.93768386	1159.82171590	1139.19915254	1154.55543956
757.000	30.75155574	1202.17169951	1163.12782101	1155.84793447
757.500	30.25584266	1293.84562144	1151.32172922	1152.00551192
758.000	29.71356843	1269.43853279	1130.58411059	1140.32045851
758.500	29.32985864	1193.60439753	1097.58822113	1129.41449122
759.000	28.82008626	1121.34628667	1077.04450212	1118.81749322
759.500	28.58072867	1104.37609372	1068.77472121	1111.82063919
760.000	28.78497213	1114.68455242	1073.54262238	1108.37453924
760.500	29.14987058	1193.49794997	1082.27862180	1111.99206503
761.000	29.36349607	1183.21319545	1096.76750309	1123.96916884
761.500	28.97786874	1148.10787793	1125.21940211	1157.76160051
762.000	27.47426809	1173.20658758	1162.38879873	1167.13031378
762.500	25.78680055	1197.90787168	1197.08264834	1440.10412016
763.000	23.58905954	1227.12926300	1220.93705735	1435.89658102
763.500	22.34686025	1274.33542570	1244.12492272	1395.22829666

764.000	21.35347078	1316.01181360	1264.87911575	1340.42899914
764.500	20.30458614	1353.19186055	1291.87469574	1370.84568990
765.000	19.14230329	1426.44788111	1322.39245274	1398.96221448
765.500	18.24353955	1453.22668456	1352.22866721	1409.43856761
766.000	17.79394874	1508.89425523	1381.41130889	1421.83660398
766.500	17.23608960	1549.02604709	1407.86231579	1432.93998183
767.000	16.79920141	1562.68197186	1425.15609871	1464.13168638
767.500	16.34182961	1571.39128282	1441.22823461	1488.75056860
768.000	15.93571262	1579.54992196	1458.31654246	1520.26746582
768.500	15.61954102	1587.92732680	1473.02344196	1546.69097246
769.000	15.28415902	1596.20248196	1484.47492833	1570.96896377
769.500	15.17912714	1601.33141745	1497.49787691	1582.14048603
770.000	15.08129564	1604.47430313	1503.81527288	1574.38507171
770.500	15.03199281	1607.72274972	1509.90827756	1579.63382295
771.000	14.95213052	1603.40110848	1515.70945539	1590.97067823
771.500	14.80654137	1601.83531122	1516.35350888	1592.38382327
772.000	14.67054051	1605.51760115	1517.29871055	1593.93869430
772.500	14.45774831	1606.12994997	1517.94847291	1585.89698921
773.000	14.34850645	1595.33267198	1513.35297477	1576.83272099
773.500	14.20419518	1571.02629219	1503.59749847	1548.30530195
774.000	14.26847510	1549.84705897	1493.53153411	1525.98350304
774.500	14.89477379	1536.73608413	1470.80504841	1459.31020921
775.000	15.56115567	1531.93605032	1408.62988412	1406.84894874
775.500	16.31249733	1529.38722355	1359.13691928	1340.58614374
776.000	17.50348574	1504.26693231	1292.41182216	1326.70092369
776.500	18.71000214	1395.09750549	1244.66062409	1323.23293159
777.000	20.18651779	1321.36779601	1247.98919696	1315.76258339
777.500	21.13102609	1331.25512242	1266.00832284	1310.65520484
778.000	21.18610275	1401.57095052	1296.57720117	1319.21842019
778.500	20.52304654	1482.82134938	1310.91898255	1353.76371599
779.000	19.32584927	1524.12591048	1322.35374023	1328.39852675
779.500	18.90927074	1494.72859785	1338.99523405	1344.10704828
780.000	18.24643485	1518.31289231	1396.29132364	1419.22504779
780.500	17.51695877	1608.43116701	1458.06482772	1495.25923950
781.000	16.96294651	1642.30835709	1503.94947683	1532.94331487
781.500	16.79248885	1626.48295762	1512.64488778	1547.95928476
782.000	16.78073162	1623.91738864	1531.05154120	1564.23558326
782.500	16.96023055	1638.04611540	1526.06056727	1574.58124163
783.000	16.85603711	1646.17220359	1508.91730785	1571.63186949
783.500	16.79286973	1655.55274393	1507.14181559	1562.39117191
784.000	16.76039468	1660.28339158	1505.45660249	1568.42759237
784.500	16.58680543	1659.72327667	1504.44859659	1588.87859998
785.000	16.48600283	1648.49909189	1502.54801569	1605.56763508
785.500	16.29399308	1630.49549837	1503.64622909	1618.55639476
786.000	15.95247260	1624.28749705	1508.58988674	1632.51513518
786.500	15.66361640	1620.06991510	1518.84234106	1651.32513555
787.000	15.06504766	1618.23953798	1526.97373627	1699.48613257
787.500	14.42090088	1605.80460987	1536.59887281	1736.83413006
788.000	13.59644503	1587.27461880	1548.29485112	1758.03102933
788.500	12.97623942	1572.00199147	1539.68276562	1836.29435269
789.000	12.69826440	1554.12256779	1538.24259134	1831.90361824
789.500	12.98124734	1546.01988714	1541.71095822	1790.46863829
790.000	14.19708122	1538.47516600	1534.53616468	1720.17972287
790.500	15.49746380	1524.30391797	1524.17923720	1661.44666588
791.000	16.65658046	1481.35469376	1485.12063859	1540.45679050
791.500	18.60733866	1387.43647482	1419.60440563	1450.89184828
792.000	20.40109229	1334.56935487	1356.54466677	1359.37716231
792.500	22.14072188	1351.51093138	1302.90629178	1287.65713725
793.000	24.48168353	1396.21995893	1225.42843937	1212.11904268
793.500	26.31913245	1286.86582867	1150.70664656	1188.65441984
794.000	28.57287776	1220.24528246	1123.72820451	1161.55847427
794.500	32.26758546	1219.12747965	1110.01158721	1147.45233606
795.000	33.17170961	1193.23671154	1099.34473546	1134.39366299
795.500	33.11647487	1188.28550040	1102.15547897	1125.10516228
796.000	32.79266618	1223.57969182	1111.78633585	1125.68809831

796.500	31.70394663	1310.18486570	1120.47945847	1135.72432332
797.000	29.83105309	1295.28166817	1124.86363342	1161.75103058
797.500	27.77044075	1254.47809039	1139.10352203	1193.17286382
798.000	26.13380804	1242.07991486	1172.47744893	1226.34807557
798.500	24.82903429	1271.83153161	1220.31934014	1264.74711857
799.000	24.06928825	1317.03363978	1263.30454977	1299.17690926
799.500	23.53993563	1363.53850226	1304.00600225	1335.27437422
800.000	23.21435686	1486.70461361	1332.07852944	1371.06684884
800.500	22.94742534	1477.44374263	1358.05026799	1405.05451154
801.000	22.75577351	1479.63636451	1383.85270813	1455.15150942
801.500	22.59443860	1484.73953985	1412.79120757	1521.84304032
802.000	22.13194622	1500.84874907	1463.15111311	1575.96338226
802.500	21.36975835	1561.76500254	1511.76924819	1599.54592066
803.000	20.73251875	1642.76411203	1546.15604130	1576.29905633
803.500	19.85950773	1721.10273393	1548.93682105	1552.34671451
804.000	19.05031900	1710.52118909	1519.52765543	1533.14593986
804.500	18.36483413	1682.51079045	1485.31046944	1526.36604164
805.000	17.58441069	1644.51235277	1465.97057993	1525.24784102
805.500	16.94107835	1608.34155689	1465.74064697	1529.82668620
806.000	15.75560000	1608.53761682	1488.65656527	1543.73132530
806.500	14.53730553	1656.15690432	1520.28385271	1546.51365385
807.000	13.07007510	1733.92692670	1528.78634506	1549.31166568
807.500	11.53425347	1768.73365275	1544.25953235	1558.19191842
808.000	10.49502309	1797.33524563	1566.12601557	1573.13105074
808.500	9.50852985	1792.27818137	1583.54624609	1613.58093492
809.000	8.51381031	1788.48300782	1598.73097725	1643.78689634
809.500	7.60895833	1789.89058601	1607.60657200	1649.64304223
810.000	6.66249476	1797.94219617	1603.60245280	1640.70076514
810.500	5.68074589	1790.07587292	1597.59595893	1611.58798520
811.000	5.07787206	1763.94301019	1574.34388055	1586.03865757
811.500	4.43783789	1755.02364122	1547.06946402	1575.74388851
812.000	4.08302024	1751.85449450	1526.43771322	1562.74719033
812.500	3.80279566	1736.49317562	1508.17215213	1557.66334831
813.000	3.54522439	1709.46688043	1498.14513787	1557.39715349
813.500	3.40578779	1684.83770573	1492.70570179	1553.53051628
814.000	3.29389255	1663.83272635	1491.48663243	1554.42734173
814.500	3.09654575	1652.87731848	1502.63528257	1553.63073358
815.000	2.55821778	1676.98791631	1536.56984831	1556.78155242
815.500	1.63448545	1729.15427670	1565.37705056	1566.71918931
816.000	1.01279396	1736.89917315	1579.52292809	1579.59659413
816.500	0.34362853	1733.15062032	1586.80740559	1587.05767361
817.000	0.01796066	1729.10048436	1585.24963922	1588.50314128
817.500	0.44866433	1717.49230730	1567.66785671	1586.33188745
818.000	0.99275749	1687.69313769	1530.53808177	1582.34905584
818.500	2.23887602	1663.15799540	1506.69801284	1574.81608661
819.000	3.76372044	1644.57631960	1503.00625979	1559.38156520
819.500	4.87313375	1625.48768074	1507.46913414	1555.82380875
820.000	6.01179293	1630.94953741	1529.15843076	1561.92173441
820.500	7.06019269	1661.09057797	1551.17982257	1571.50632504
821.000	7.69204991	1694.13455272	1574.91861132	1581.61799567
821.500	8.00614562	1719.74805314	1592.75850316	1594.25046255
822.000	8.21764416	1739.71621216	1600.29359365	1609.56883320
822.500	8.26691249	1760.13346981	1611.35631657	1620.36536098
823.000	8.12593296	1753.84163599	1612.30906198	1627.53561345
823.500	7.84976073	1735.96644362	1613.06823909	1654.52809400
824.000	7.50316529	1728.59152483	1620.78265802	1668.42846902
824.500	7.26888011	1735.28573539	1627.06070985	1663.21004926
825.000	6.97611978	1741.91514977	1636.73259283	1662.47815460
825.500	6.86489070	1748.70883627	1648.18688932	1658.13730370
826.000	6.83633950	1760.24634613	1654.17864191	1656.32524977
826.500	7.04224484	1765.35572588	1657.60121735	1656.47332201
827.000	7.33059205	1762.86664662	1657.27754835	1656.38776885
827.500	7.45174169	1743.82099749	1645.24949396	1656.36786921
828.000	7.48283241	1725.33080325	1626.79544695	1656.17279939
828.500	7.85561800	1712.69824937	1613.60461316	1651.95295310

829.000	8.11442731	1697.26849335	1593.07935731	1644.24262444
829.500	8.32175598	1682.08161918	1566.70428506	1626.08674647
830.000	8.48477319	1668.48839428	1562.18240207	1598.00218837
830.500	8.63268667	1655.30664718	1556.25637194	1603.07965026
831.000	8.65237678	1641.90276330	1537.12933784	1621.68705801
831.500	8.64336707	1629.13676005	1524.61742169	1624.56945375
832.000	8.68009540	1614.66311377	1515.85563175	1623.78546737
832.500	9.01689800	1602.39392904	1512.35766725	1615.66853779
833.000	9.03496707	1593.23381758	1516.99970761	1602.81559913
833.500	9.19673106	1582.47399409	1523.23869131	1585.61901019
834.000	9.24445881	1572.38317107	1527.01282369	1574.20492209
834.500	9.38002831	1561.93608326	1527.58298658	1563.54742603
835.000	9.58591743	1551.66861351	1524.25391256	1557.43005511
835.500	9.82781993	1541.32972369	1518.75145562	1544.85400678
836.000	10.23485887	1530.96662602	1502.73820661	1531.88093157
836.500	10.63934287	1521.01688562	1493.68060943	1525.36653343
837.000	11.00757246	1516.44948532	1491.17574671	1518.41892282
837.500	11.67256863	1517.09956495	1490.78242511	1516.72341654
838.000	12.95210251	1519.84249778	1496.32444628	1515.21403147
838.500	13.55141671	1524.24369026	1506.80511237	1514.40531885
839.000	14.62041480	1530.20216667	1514.89970669	1517.69508433
839.500	15.45491740	1535.90175140	1522.71919638	1525.36406399
840.000	16.16725752	1541.73586299	1531.01329221	1535.34795714
840.500	16.80367688	1547.48043460	1535.99322631	1541.72599032
841.000	16.80258921	1553.22913935	1540.74707396	1545.89722473
841.500	16.77216939	1559.91415262	1537.64034727	1546.35711492
842.000	16.44839980	1571.58655264	1528.24425010	1550.21496776
842.500	16.33352795	1586.45694941	1528.21181681	1552.64584847
843.000	15.77136595	1581.35151501	1528.12683499	1554.72305521
843.500	15.61603726	1568.62447269	1527.84740136	1556.31110865
844.000	15.41862704	1571.49375173	1531.51790387	1562.40561231
844.500	15.04275493	1579.48183022	1541.36734272	1577.54836305
845.000	14.95563511	1587.73923443	1540.65362716	1596.54679672
845.500	14.79923295	1589.07522966	1537.32390612	1608.97687551
846.000	14.80145130	1568.66939541	1534.65715493	1617.15562060
846.500	14.95191035	1541.54328302	1535.93174531	1620.68471025
847.000	15.02723211	1531.12444775	1538.91039294	1623.39537549
847.500	15.18466343	1526.39515333	1549.36614224	1630.12879301
848.000	15.63377235	1521.22816193	1547.32609305	1656.76172030
848.500	15.85073608	1512.70196442	1539.94382314	1688.53251867
849.000	16.47588590	1502.48564711	1517.00721840	1697.98310679
849.500	17.05283448	1486.89432338	1494.31738118	1705.97493197
850.000	17.65990649	1465.47291053	1481.82041887	1694.96275103
850.500	18.16677177	1447.26223620	1469.11195980	1667.06767283
851.000	18.84328487	1435.50876700	1449.27082141	1633.88713957
851.500	19.56542371	1404.74144730	1421.24461509	1617.07241936
852.000	19.77441675	1372.16282761	1414.98462865	1617.02103483
852.500	20.45413960	1355.82186527	1418.31505036	1587.46855183
853.000	20.97171091	1355.18004568	1423.48840722	1545.06599154
853.500	22.06243153	1357.97162101	1420.22202003	1488.17449492
854.000	23.55845449	1360.00637328	1410.13232297	1432.84291519
854.500	25.27234770	1336.20769227	1369.72491001	1382.06999545
855.000	27.65325733	1287.64584126	1307.68979982	1293.58055257
855.500	29.07971529	1238.06738144	1252.00552593	1216.92112314
856.000	31.85545154	1194.04684407	1188.71966327	1165.03754388
856.500	35.30832763	1130.38472043	1145.69296822	1126.43142949
857.000	38.20819933	1081.57033895	1130.40780592	1095.92180325
857.500	40.31660808	1087.17350607	1112.57816214	1085.27242607
858.000	42.02522949	1096.56856402	1086.43148423	1081.31912776
858.500	43.20114220	1141.34036686	1082.66032916	1079.54801953
859.000	44.00632839	1163.69546458	1078.80466973	1077.52138320
859.500	44.43032862	1164.97533772	1075.84763314	1077.30961349
860.000	44.79412886	1162.69443188	1073.32319658	1077.21743417
860.500	45.11292441	1147.71067055	1070.65954567	1079.29505343
861.000	45.25416182	1126.98568555	1066.62771868	1081.62264449

861.500	45.20423869	1105.43232957	1066.39418211	1086.47816104
862.000	44.81435605	1104.07135733	1074.47344655	1100.01394316
862.500	44.04183213	1118.86974288	1093.00083085	1122.33698341
863.000	43.21921170	1155.85425513	1126.53486062	1144.90793304
863.500	41.93724720	1197.35846894	1173.38327739	1156.01279427
864.000	41.03098405	1428.84889601	1218.35511143	1181.09252976
864.500	40.39667864	1526.38997474	1249.00877770	1218.22739812
865.000	39.88303536	1440.77645147	1269.46521532	1248.02889312
865.500	39.86875984	1338.52764355	1275.31943016	1264.96129982
866.000	39.83279400	1347.99669493	1275.18286461	1269.96911238
866.500	39.50142017	1362.31701463	1251.47414278	1269.50058419
867.000	39.20906667	1303.11950188	1219.39276092	1269.54157648
867.500	38.14656238	1239.14926059	1220.88353037	1269.88637420
868.000	36.17187838	1257.46917387	1237.07065029	1273.25229688
868.500	34.05287704	1381.16309084	1288.78888457	1280.47375241
869.000	31.83353391	1460.45155678	1310.23808449	1306.08474077
869.500	30.46714883	1500.81112617	1341.55190750	1338.44355202
870.000	29.27715589	1507.17308606	1374.87079202	1384.38023882
870.500	28.00042873	1513.02256288	1419.84425784	1435.93583717
871.000	27.17779634	1532.75246742	1457.31770799	1462.13009501
871.500	26.62567639	1566.63109085	1471.97155364	1478.06563630
872.000	26.07360519	1600.31231393	1469.22294155	1470.69686364
872.500	25.54185819	1605.59894575	1443.87625381	1444.14060497
873.000	24.93048121	1581.10876353	1391.54372430	1430.58001275
873.500	24.56546832	1531.50552132	1352.40323523	1423.78415180
874.000	24.00893725	1436.53477589	1345.79064007	1419.95708378
874.500	23.43380496	1445.07707001	1362.82669223	1417.01096295
875.000	23.27079884	1499.69287028	1382.96390794	1422.09734776
875.500	22.99388554	1543.36954804	1416.30700888	1431.48049320
876.000	22.96171781	1536.34929727	1455.71244125	1436.28347460
876.500	22.31215958	1558.93506695	1481.96197554	1444.25233185
877.000	21.05894061	1590.89540981	1490.00331288	1456.99425163
877.500	19.78517328	1619.03102571	1478.71893911	1485.97506427
878.000	18.71703460	1627.15944796	1473.92012131	1513.42567676
878.500	17.68146400	1615.76032405	1487.23906795	1555.44446582
879.000	17.03547803	1609.10152906	1505.10995469	1578.12258041
879.500	16.48509175	1607.48039113	1508.46654594	1579.82377844
880.000	15.76500385	1606.17819018	1506.70561326	1574.80977092
880.500	15.18063463	1606.31167316	1504.21996063	1564.84410909
881.000	14.85443698	1606.44647887	1505.91232328	1560.13069697
881.500	14.75885695	1608.07707430	1509.88097080	1557.95169268
882.000	14.55923064	1615.88170730	1516.16910032	1565.71454044
882.500	14.38714025	1626.36699771	1521.93375357	1573.74529923
883.000	14.57183296	1620.28786707	1522.60908659	1582.72449231
883.500	14.58390233	1605.44967762	1524.36574797	1595.39638270
884.000	14.21967626	1604.18030539	1529.33552229	1598.77584292
884.500	13.79185072	1604.39647588	1541.59936260	1596.58485906
885.000	13.53044883	1603.68298190	1545.09596861	1596.48224227
885.500	13.09425582	1595.42504699	1538.55496681	1594.71991066
886.000	12.99043173	1584.97469040	1525.02283244	1595.72524880
886.500	13.09714081	1568.77805822	1506.26790152	1596.28788329
887.000	14.66634156	1557.13325347	1495.78215734	1591.97168469
887.500	15.67379256	1547.61131768	1485.82367315	1581.47320744
888.000	18.00396095	1539.55473371	1466.85902443	1559.17698077
888.500	21.22486898	1529.22668742	1447.45885254	1534.73395540
889.000	24.08077103	1510.99277363	1434.54475800	1514.63266834
889.500	28.55871438	1484.99946697	1429.96054259	1504.18910615
890.000	29.50479110	1461.37378933	1438.37823751	1499.52577449
890.500	29.04242623	1469.50750289	1452.91989889	1492.44806687
891.000	28.56491176	1486.36470235	1446.02113099	1477.25002297
891.500	28.13552295	1487.54902854	1423.96970401	1444.77508360
892.000	28.25215653	1466.16509114	1402.46279300	1425.31580942
892.500	28.59400681	1449.62478744	1372.61452634	1417.34996080
893.000	29.23109694	1420.11356959	1357.47098076	1416.12693047
893.500	29.57875492	1367.32829697	1355.86217008	1424.82680900

894.000	29.25521686	1374.18820013	1366.24631582	1435.92887166
894.500	27.99615501	1423.74643268	1396.28254914	1437.54313552
895.000	26.88447632	1473.59001745	1402.15673568	1423.03290977
895.500	26.34170263	1466.61659385	1394.67407925	1409.97464175
896.000	26.10019445	1446.47330924	1367.02784844	1409.83181829
896.500	26.20915002	1258.95108920	1335.09319640	1413.40795231
897.000	25.71720588	1285.07339331	1341.74390978	1409.94417411
897.500	24.74762335	1394.73087295	1378.62174841	1405.67195022
898.000	23.77516002	1384.56298663	1416.06778929	1402.92669153
898.500	22.71850189	1599.36736453	1460.30355353	1460.63071710
899.000	22.03694386	1569.19539710	1493.59753990	1522.71008050
899.500	21.61539822	1560.77502272	1496.67288945	1510.98149749
900.000	21.14525258	1563.60540644	1458.35003052	1491.28606486
900.500	20.66473102	1569.16982773	1432.08254528	1485.79017507
901.000	20.37209218	1574.34636481	1434.86111357	1482.42541488
901.500	20.00372998	1579.30057878	1434.84362033	1483.07904003
902.000	19.39297437	1580.52186585	1442.24220269	1488.84583877
902.500	18.70620833	1584.10918681	1450.71406061	1496.86357947
903.000	17.60299466	1589.90113028	1468.38940095	1505.65630003
903.500	16.56899432	1594.48707902	1484.38383874	1517.75592776
904.000	15.82826246	1602.46249367	1502.28712323	1527.61230080
904.500	14.86124057	1607.90947455	1523.93247591	1547.21377435
905.000	13.98967758	1605.86534128	1535.24121417	1559.34726205
905.500	13.37804763	1617.36636379	1558.14731562	1582.46108531
906.000	12.61933324	1637.27259711	1596.18723943	1616.36988959
906.500	11.87004390	1724.31606609	1634.87060209	1647.15304231
907.000	11.24545676	1779.48719667	1648.16924363	1680.12613231
907.500	10.42458553	1822.08293914	1655.58036988	1706.58152278
908.000	9.76786152	1838.29530790	1675.62993327	1734.54837986
908.500	9.24434685	1841.21914226	1682.58496870	1743.53663617
909.000	8.84889690	1841.13189346	1675.30644990	1758.72416637
909.500	9.04772227	1839.86911175	1664.90329983	1774.35268027
910.000	9.18204230	1831.22746364	1642.17168022	1774.39892203
910.500	8.89384905	1817.61257270	1626.29267998	1764.62951072
911.000	8.65479681	1800.98976505	1625.08949055	1755.91650940
911.500	8.24179712	1785.82999277	1624.09361691	1743.55758464
912.000	7.86872403	1770.60762274	1624.16462547	1733.42747217
912.500	7.30993797	1751.64941851	1624.59422959	1734.56363738
913.000	6.71550018	1728.40235060	1613.47747336	1719.50436306
913.500	6.06932172	1707.09074620	1601.75987120	1699.38182585
914.000	5.38644006	1681.97964718	1594.62456655	1690.16713698
914.500	4.87000051	1658.23314351	1592.25155011	1686.68379046
915.000	4.45140824	1634.54606056	1590.44002624	1677.89841335
915.500	4.24340618	1613.09577902	1586.62377205	1649.20888286
916.000	4.30911724	1607.71223484	1579.04517733	1617.27702638
916.500	4.65125483	1633.30483882	1570.32397262	1584.62129993
917.000	5.10084451	1623.09647976	1534.12851193	1558.29457669
917.500	5.85414934	1577.77946899	1483.22387978	1546.36570817
918.000	6.66414158	1519.96309194	1449.31665946	1531.10010686
918.500	7.42492939	1488.02017387	1437.47547322	1517.48507754
919.000	7.87894897	1476.50844351	1436.17017727	1505.68433496
919.500	8.57311726	1468.39447467	1436.00779100	1492.85327732
920.000	9.16582241	1468.32374854	1438.48882021	1483.73006407
920.500	9.28554786	1467.71882965	1439.68336463	1484.26454401
921.000	9.44488395	1460.31180044	1435.28699260	1488.44722135
921.500	9.44309205	1453.58682656	1431.36123219	1500.16126250
922.000	9.44770208	1446.03338651	1432.64839057	1515.07294134
922.500	9.44345487	1438.46077260	1433.74605995	1524.25532031
923.000	9.44473184	1435.40240928	1435.82620944	1523.91869336
923.500	9.44132957	1435.37187787	1439.22753629	1524.34171473
924.000	9.44416667	1434.80419567	1441.46582523	1525.13225216
924.500	9.43730072	1434.54362469	1443.82266750	1530.29599709
925.000	9.44822440	1434.04488356	1446.62078832	1534.52655163
925.500	9.42489706	1433.95962623	1447.70586616	1528.13829126
926.000	9.61881112	1433.83163188	1444.17709300	1520.20583631

926.500	10.05319438	1434.12436104	1438.01870907	1510.96279072
927.000	10.41926123	1431.92403381	1431.31266628	1504.24651110
927.500	10.88877373	1427.49413981	1427.36929335	1493.37121121
928.000	11.44323458	1423.35815412	1422.36701445	1487.56102922
928.500	11.83160209	1419.97207304	1419.51065560	1485.42323112
929.000	12.20060212	1420.13970663	1421.39456928	1484.01826379
929.500	12.23738152	1423.34615011	1424.38242946	1482.53408827
930.000	12.20190988	1427.14393445	1427.25270586	1483.09189933
930.500	11.93515854	1430.71884637	1430.17011158	1488.69338961
931.000	11.72022631	1434.53856064	1433.03309586	1497.58178314
931.500	11.44332730	1437.98207801	1435.97656734	1497.93818714
932.000	11.02610187	1442.17271297	1438.73925971	1499.56843624
932.500	10.76455797	1443.12130102	1440.99381835	1500.16229306
933.000	10.63653924	1440.30973569	1441.37337452	1500.03419375
933.500	10.49398043	1437.77796389	1437.47509762	1500.02928091
934.000	10.40537189	1436.25863594	1433.96288975	1500.15239377
934.500	10.59353243	1438.85478877	1435.78136731	1499.81167047
935.000	10.63527154	1441.12051655	1439.16736642	1503.06722117
935.500	10.66569751	1443.48503748	1441.17261497	1505.78671971
936.000	11.02151079	1445.80591642	1443.60569345	1505.86064063
936.500	11.44770904	1447.98282214	1445.83068898	1506.60161502
937.000	11.70303567	1449.93956357	1448.01647423	1507.56275443
937.500	12.12871914	1451.75374934	1450.06927437	1506.17840601
938.000	12.39193148	1453.67137504	1452.02308124	1511.99697318
938.500	12.65507023	1455.39422204	1453.99123096	1518.69577370
939.000	12.83163771	1457.45981832	1455.89051324	1522.48939096
939.500	12.86753984	1458.82228041	1458.11783526	1527.77483892
940.000	13.03984657	1463.48687841	1462.28040628	1529.33865367
940.500	13.02207065	1470.05708641	1467.25943625	1525.97924076
941.000	12.99127510	1472.89039097	1470.55284421	1521.65315097
941.500	12.65288948	1464.86968419	1464.45146199	1514.58899497
942.000	12.41186602	1448.61009789	1448.82668172	1507.18021387
942.500	12.05470278	1445.68425327	1446.65148513	1505.65512181
943.000	12.02947803	1446.27209483	1445.12321192	1506.63309414
943.500	11.88449040	1444.17694130	1444.04205510	1501.35758556
944.000	11.79559408	1427.59716770	1428.14588550	1492.00509151
944.500	12.00982847	1420.93857068	1416.70924210	1483.31925169
945.000	12.41878242	1420.96900418	1418.38879157	1479.34807568
945.500	12.60401397	1419.91414364	1417.57480262	1479.33203547
946.000	13.09951878	1419.45972862	1417.99412575	1478.72183455
946.500	13.49083501	1418.60548368	1417.86759010	1478.12425289
947.000	14.11296704	1417.95829652	1417.71886221	1480.29349659
947.500	14.60450811	1415.53366797	1416.88553477	1487.31534356
948.000	14.88475762	1413.67803276	1414.09393022	1489.80441960
948.500	15.24819400	1414.28454145	1412.03985537	1488.74992995
949.000	15.45841231	1417.11394725	1415.62147687	1485.46705249
949.500	15.99966881	1419.65268095	1416.96657290	1476.01749324
950.000	15.99944968	1414.41733415	1417.41239598	1468.63536738
950.500	16.01703467	1403.79815421	1404.93778866	1468.63173264
951.000	15.97231910	1392.92110988	1392.45396569	1469.51421529
951.500	15.61563441	1389.80544886	1391.85807827	1469.62586430
952.000	15.30293585	1390.88125134	1391.81244036	1466.66946338
952.500	14.81929566	1391.12040556	1391.72237985	1462.24228150
953.000	14.39375737	1391.77106027	1389.87306130	1456.57001950
953.500	14.19517842	1390.30757874	1387.78055866	1454.33120867
954.000	14.21870009	1388.22848635	1385.73158900	1452.39840936
954.500	14.20818559	1386.23882578	1383.67142352	1450.33375292
955.000	14.23528973	1383.96338357	1381.61727468	1448.32444430
955.500	14.62517098	1381.10446473	1379.55577184	1446.28158984
956.000	14.82119128	1377.63833577	1377.47422385	1444.25924855
956.500	14.93856866	1374.32751243	1375.44040681	1442.24024605
957.000	15.07198462	1370.83114367	1373.31622407	1439.86103914
957.500	15.24453672	1367.63153329	1371.36221834	1434.38929318
958.000	15.60132782	1363.79467198	1369.01302710	1427.97871197
958.500	16.00910272	1361.56746707	1367.76445747	1423.90265859

959.000	16.40481654	1361.80738744	1368.29581778	1420.64986555
959.500	16.77852141	1362.05003468	1368.57670045	1420.40712462
960.000	16.79538888	1363.00354202	1368.96844526	1421.65410699
960.500	16.82602450	1363.77282605	1369.33484577	1422.58486589
961.000	16.70745815	1366.28082423	1369.83675025	1423.91651685
961.500	16.22307894	1368.44632262	1373.39675125	1429.22355128
962.000	15.70585310	1373.74320296	1378.44371880	1436.84661066
962.500	15.08683408	1382.15590890	1383.24907065	1443.44278619
963.000	14.60536461	1387.69022087	1388.16759191	1445.62983647
963.500	14.38284429	1389.05085213	1393.28047301	1446.99581924
964.000	14.44677386	1389.94394250	1394.26934818	1449.82457427
964.500	14.93397725	1390.92576499	1394.46583674	1454.50710241
965.000	15.57231769	1391.81020155	1394.85854716	1455.87683531
965.500	16.01030730	1392.86788967	1395.20279348	1455.14111228
966.000	16.37319536	1393.56966434	1395.54650096	1454.81020563
966.500	16.40167614	1392.65843418	1395.40310930	1454.20732185
967.000	16.41744909	1388.76080049	1388.48106537	1454.05666635
967.500	16.35162018	1384.87276866	1387.37810058	1454.49501464
968.000	16.20120967	1391.03602836	1391.82942682	1454.82734660
968.500	16.19524362	1400.73204591	1396.60451374	1455.30155701
969.000	16.26258290	1407.64331034	1410.72352203	1455.50396322
969.500	16.26447239	1402.03858709	1406.48976808	1456.80711533
970.000	15.93248656	1399.27979735	1399.15767756	1465.03051196
970.500	15.64005315	1400.16124396	1400.27267027	1466.20129015
971.000	15.14949874	1399.66154769	1399.52562794	1465.72389793
971.500	14.64740509	1400.29080515	1400.85590727	1462.59341039
972.000	14.10396406	1405.57745064	1408.27899533	1460.10533838
972.500	13.49469186	1411.35873821	1413.18376298	1459.96749608
973.000	13.25422237	1402.79187238	1405.14503357	1460.18655044
973.500	13.20879265	1392.67201571	1396.54343880	1459.20155824
974.000	13.23971814	1395.38832900	1396.75160785	1453.66041543
974.500	13.53261266	1402.35519899	1391.65291732	1445.89318129
975.000	13.88149273	1407.45202965	1380.64441742	1438.69520363
975.500	14.49286490	1393.36084540	1370.35682409	1425.51872001
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976.500	15.34872656	1364.46152763	1359.18992372	1411.50948856
977.000	15.57399257	1364.25189609	1360.03034069	1413.32176308
977.500	15.61631320	1365.95490699	1359.47431486	1415.18905270
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978.500	15.48512573	1385.02630433	1387.51708881	1422.97713622
979.000	15.20487213	1398.03991566	1402.17693323	1430.46007304
979.500	14.95559508	1407.54381083	1410.87952505	1440.24920222
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980.500	14.20807925	1407.91824327	1416.83588263	1466.88816012
981.000	13.96580698	1408.09459053	1419.85684766	1465.70409637
981.500	13.75133713	1412.46048240	1422.83155823	1465.73430020
982.000	13.62027371	1418.01873928	1424.61784019	1465.00091696
982.500	13.46671370	1421.23035545	1425.27982618	1468.20593131
983.000	13.40826429	1423.04862426	1427.44588791	1470.48803403
983.500	13.40735876	1425.19503780	1430.37711100	1474.82054727
984.000	13.59230016	1426.69089399	1434.32535956	1478.17340575
984.500	14.02902764	1432.21537927	1439.84118038	1481.70716226
985.000	14.38941795	1442.10394971	1452.52140994	1487.80371380
985.500	14.64090110	1448.40249590	1459.31565041	1490.17001203
986.000	14.97194409	1453.24544293	1459.59316077	1491.71193886
986.500	15.14630557	1449.03799026	1456.68536343	1496.22775570
987.000	15.38656875	1442.43775049	1454.27870912	1502.47227852
987.500	15.36195939	1442.01898991	1459.64338532	1512.51522398
988.000	15.20694559	1445.40006808	1465.22348148	1518.96657137
988.500	15.07023998	1457.60065246	1472.21571809	1515.70939183
989.000	14.99212911	1466.33553325	1471.16397134	1509.55251959
989.500	15.02245758	1463.66176095	1463.21982924	1504.32031247
990.000	14.99934813	1446.99583657	1435.86075363	1502.74260355
990.500	15.02398395	1429.97036947	1416.98137967	1494.93123993
991.000	14.95955579	1416.05857726	1406.34727472	1479.88508885

991.500	14.66979415	1408.45454348	1392.26584209	1472.74180358
992.000	14.40856588	1397.29359878	1388.15382332	1464.45744373
992.500	14.17645620	1390.81874479	1385.58303528	1456.17605951
993.000	14.26313045	1389.47359681	1383.08286800	1450.32651493
993.500	14.54116407	1387.78338303	1380.66859213	1440.11592753
994.000	15.20017402	1387.80546373	1378.26183691	1433.80043153
994.500	15.87197222	1387.56282583	1375.56053472	1435.44809483
995.000	16.43766192	1379.47896941	1367.98275775	1435.88431097
995.500	17.06850651	1366.99188002	1361.68529885	1434.99279116
996.000	17.71707805	1361.27246265	1356.02942306	1434.42584848
996.500	18.39554127	1366.01301724	1361.78806919	1433.57373566
997.000	19.20460470	1387.55466437	1370.29630817	1433.12486716
997.500	19.14341525	1391.11948354	1365.27455334	1431.94610981
998.000	18.69577602	1371.36707003	1362.28546043	1435.51087194
998.500	17.70555413	1365.00711516	1362.77371197	1445.65091813
999.000	16.75643731	1366.18152078	1364.87461525	1452.04989863
999.500	16.30822154	1366.11623676	1366.76095806	1456.34211537
1000.000	15.83825423	1371.35266601	1368.38913845	1457.25048374
1000.500	15.31513779	1377.98447489	1371.38816563	1455.40801551
1001.000	14.92449281	1375.09079992	1367.25422228	1454.69490141
1001.500	14.81270317	1358.69116601	1360.67136318	1453.33409632
1002.000	14.78856552	1348.46407353	1355.75395408	1451.11825158
1002.500	14.86250856	1352.10984472	1354.85508747	1449.37013182
1003.000	15.00278342	1358.24482431	1357.43528507	1442.30555107
1003.500	15.17506910	1354.81043446	1358.35718773	1427.48815584
1004.000	15.62062050	1345.23057195	1351.16639134	1417.19340937
1004.500	15.97769837	1334.62013893	1340.24953258	1411.26244352
1005.000	16.55391990	1329.12391144	1333.87630565	1404.11124387
1005.500	17.00009324	1324.93906572	1327.25530920	1398.50256607
1006.000	17.52541594	1321.95144252	1325.58027323	1393.00747363
1006.500	18.18550303	1322.58121786	1325.86522211	1386.48953477
1007.000	19.12657648	1323.17752723	1328.01575082	1376.34640573
1007.500	20.17728929	1326.00879916	1331.62901673	1375.68658318
1008.000	21.39758047	1331.69990488	1337.22834644	1376.15898739
1008.500	22.35772732	1333.85177536	1340.73184699	1377.57887363
1009.000	22.25867955	1333.48564865	1341.14142006	1378.71295976
1009.500	21.44480055	1328.72087685	1334.98309539	1380.32728271
1010.000	19.16611569	1325.35929493	1331.46337361	1381.01260019
1010.500	17.51458111	1325.91396974	1332.84416807	1386.12656335
1011.000	16.41083825	1324.83741324	1333.34125305	1393.60727615
1011.500	16.03132912	1322.19081956	1334.52807002	1396.25828296
1012.000	15.99305129	1322.96399680	1336.27808660	1398.97327288
1012.500	15.99604826	1337.74308652	1344.30374979	1401.53531329
1013.000	16.00057663	1348.69360870	1353.45853721	1404.23092323
1013.500	15.98243105	1346.72224288	1356.61265777	1407.74816023
1014.000	16.04748128	1341.90383333	1358.07220533	1412.68342957
1014.500	16.23065783	1342.31625838	1359.89460250	1417.69364270
1015.000	16.63588195	1351.51223831	1361.62645411	1422.78907999
1015.500	17.21228817	1356.30213338	1363.29428962	1427.42720058
1016.000	17.58097981	1355.58037549	1365.21459893	1427.02479180
1016.500	18.17395732	1355.93418912	1365.11623596	1425.83100442
1017.000	19.68662734	1355.78491739	1363.44430205	1424.86354468
1017.500	20.28137678	1357.28944811	1361.89655860	1423.66735000
1018.000	20.42493488	1357.25680371	1360.63862850	1421.07323066
1018.500	20.59118240	1355.50014086	1357.31095594	1418.61835372
1019.000	20.72438103	1351.30578529	1352.38474424	1416.16229924
1019.500	20.67204989	1346.43960576	1347.64757336	1413.71985595
1020.000	20.34724100	1342.14246569	1345.46103065	1411.25759325
1020.500	19.61206625	1341.68165614	1344.78329205	1408.82786498
1021.000	18.82794129	1341.74416440	1343.64655324	1406.19038838
1021.500	17.97498860	1341.76018040	1342.48420359	1406.18920770
1022.000	17.39971052	1341.65447856	1342.33731430	1406.83626882
1022.500	17.39979437	1343.20073229	1347.19426278	1407.29561146
1023.000	17.40103007	1346.84142986	1351.49114727	1408.05222262
1023.500	17.84569820	1346.49388325	1350.44624302	1410.87988275

1024.000	18.38025981	1343.76131627	1348.21017916	1413.57826491
1024.500	18.96851000	1341.11929649	1346.31994943	1412.84312318
1025.000	19.63444203	1339.63433066	1344.23761802	1411.64904386
1025.500	19.78183970	1339.77140416	1343.18559850	1410.59964009
1026.000	19.79629153	1339.55929980	1337.84983416	1409.38456898
1026.500	19.73963516	1333.68679514	1331.54794553	1408.46062203
1027.000	19.56749892	1327.83924473	1326.26303769	1406.26826005
1027.500	19.60607831	1327.73669682	1326.61720653	1403.10632566
1028.000	19.53493998	1327.71814743	1327.74322853	1400.25761226
1028.500	19.34980112	1327.60274776	1328.70244845	1397.26992059
1029.000	18.96678548	1328.46102443	1329.87546146	1394.24295770
1029.500	18.29477555	1334.99343703	1333.20423900	1394.22121711
1030.000	17.61773514	1334.70419625	1335.51393452	1395.06702972
1030.500	17.01509115	1333.08074450	1334.35984057	1395.43393417
1031.000	16.57727101	1331.70763335	1333.28038031	1397.65708868
1031.500	16.38240411	1330.27468986	1332.13030180	1401.45636684
1032.000	16.39915852	1328.74681010	1331.02589944	1403.61759004
1032.500	16.52829972	1327.96815473	1329.92488090	1402.45134830
1033.000	16.78819937	1329.78080942	1331.34317438	1401.46333577
1033.500	17.20814344	1331.42797464	1333.49179105	1400.07992282
1034.000	17.44874856	1333.12159393	1335.49686925	1401.46847091
1034.500	17.75130827	1334.78834195	1337.57405306	1404.81345030
1035.000	17.80373136	1336.47284372	1339.61663073	1407.64437638
1035.500	17.79362426	1338.14229690	1341.67173709	1410.68261539
1036.000	17.79282445	1339.83112318	1343.73167075	1413.66500171
1036.500	17.80627470	1341.48922080	1345.76799243	1416.08524312
1037.000	17.65177348	1343.17053101	1347.86072216	1417.87581664
1037.500	17.55075334	1343.99249407	1349.64041747	1419.55308316
1038.000	17.33472057	1344.24502936	1349.79375132	1421.05365559
1038.500	17.20317386	1344.57453652	1349.76966016	1422.91683719
1039.000	17.03861197	1344.86283397	1349.77571086	1423.85260709
1039.500	16.73148805	1345.17389412	1349.76984655	1423.08346510
1040.000	16.20987201	1345.47280225	1349.77049025	1422.53529775
1040.500	15.83700196	1345.78517929	1349.77854036	1421.85380140
1041.000	15.40099989	1346.08254961	1349.76775900	1420.98149773
1041.500	15.02720525	1346.41064184	1349.80521952	1420.07904477
1042.000	14.62949272	1346.67150459	1349.73632183	1419.19636677
1042.500	14.20156958	1347.05792845	1349.86403390	1418.29630805
1043.000	13.96442036	1347.20925207	1349.62707418	1417.42553972
1043.500	14.25306945	1347.82550114	1350.09927868	1416.48342191
1044.000	14.81139448	1345.97756711	1346.60872134	1415.34415510
1044.500	15.17224628	1341.83297819	1340.76799490	1413.60128040
1045.000	15.63217768	1337.66020462	1335.28521022	1411.88887914
1045.500	15.91963768	1335.50293761	1329.70753649	1410.15307507
1046.000	16.17525138	1335.84283378	1330.23906898	1413.83115212
1046.500	16.06909294	1335.61847893	1331.80262395	1415.47026417
1047.000	15.98383967	1336.03409294	1332.89194419	1413.82212445
1047.500	16.02776435	1339.23842245	1336.13960757	1413.95170715
1048.000	15.88114012	1343.93543296	1341.02907439	1413.84974062
1048.500	15.66941693	1345.32287086	1343.94025293	1413.89520408
1049.000	15.40766147	1343.62420711	1343.14560376	1413.94072158
1049.500	15.07442848	1342.41452998	1341.90998920	1414.53844569
1050.000	14.78822410	1340.94798533	1340.56157945	1415.44423105
1050.500	14.58747483	1339.63041420	1339.24739424	1415.72200278
1051.000	14.62594159	1338.21935599	1338.05743360	1414.93560317
1051.500	14.59343162	1336.88298144	1336.53896814	1414.32945861
1052.000	14.76010626	1335.44978230	1335.62193211	1413.51611845
1052.500	14.85230374	1334.19509377	1335.79322308	1413.01142439
1053.000	15.20427890	1333.49400303	1335.57189285	1411.95303581
1053.500	15.48320560	1335.57220517	1337.67760687	1414.06838935
1054.000	15.61101245	1338.91380283	1343.17850547	1419.26010547
1054.500	15.58770298	1340.11588102	1345.88743478	1423.87821641
1055.000	15.19703818	1340.70997735	1345.79648689	1428.83235867
1055.500	14.97406612	1341.19632944	1345.52332667	1433.40440895
1056.000	14.47745282	1342.52319990	1349.56958739	1433.31920076

1056.500	13.99622822	1351.98618717	1357.35620535	1432.38862758
1057.000	13.62536145	1355.95645458	1359.41765955	1431.65976129
1057.500	13.21364914	1354.95714656	1358.21291018	1430.83620608
1058.000	12.81768133	1354.69781828	1357.00986845	1430.05576396
1058.500	12.44915752	1354.26833129	1356.43997120	1429.25356591
1059.000	12.43917007	1353.03317200	1350.91314544	1428.42296597
1059.500	12.80994254	1345.43923136	1342.54464825	1427.20232456
1060.000	13.32959655	1338.43307910	1339.21601439	1423.96819052
1060.500	13.82385839	1337.61239396	1338.48990368	1420.05970044
1061.000	14.21091508	1337.76344644	1338.25740575	1415.72557291
1061.500	14.59515277	1337.71061586	1343.63922796	1411.96744006
1062.000	14.56881027	1337.71318496	1347.84529500	1407.60109623
1062.500	14.42363484	1337.94300861	1351.42563325	1413.75883143
1063.000	14.83673600	1338.37570115	1351.84380149	1424.60795716
1063.500	15.02425145	1338.71924760	1351.76662179	1432.91238050
1064.000	15.01559838	1339.11744460	1351.84770289	1434.21499475
1064.500	14.97390825	1339.44383293	1351.30476474	1434.38164036
1065.000	14.76060331	1339.92570896	1349.94653230	1435.03497809
1065.500	14.56142463	1341.58258937	1349.16049682	1435.65135989
1066.000	14.27831278	1343.09231499	1347.20962578	1435.29177932
1066.500	14.01615705	1343.22805923	1344.77207182	1427.91658216
1067.000	13.75960425	1336.64431768	1338.08506988	1421.32226223
1067.500	13.56665236	1325.62375652	1323.97924327	1415.31426164
1068.000	13.38389565	1318.16641934	1317.17298138	1408.07820321
1068.500	13.01431130	1317.64406688	1317.82431745	1396.87405893
1069.000	12.73255551	1317.52666522	1313.95057962	1380.37136274
1069.500	12.33778308	1313.11807595	1309.45216211	1369.71485809
1070.000	11.94577098	1306.47588465	1304.16680682	1367.13715711
1070.500	11.65769049	1301.95486074	1301.71179939	1365.72773138
1071.000	11.63302054	1302.11016726	1302.91870763	1364.40090634
1071.500	11.60331236	1302.60916960	1303.62775157	1362.18404129
1072.000	11.83115078	1302.94349294	1304.47281930	1360.27028974
1072.500	12.04184129	1303.54937713	1305.44427900	1358.24332791
1073.000	12.06156245	1302.63234653	1305.13890202	1356.19537135
1073.500	12.24983408	1299.59674922	1304.41923578	1354.32418707
1074.000	12.21155353	1296.84672473	1300.32409925	1353.02255423
1074.500	12.24502414	1293.76983651	1290.63438231	1350.83573466
1075.000	12.07916001	1291.77891158	1290.19568701	1350.00686686
1075.500	12.01082414	1292.13410827	1291.51725960	1350.77140131
1076.000	12.17040849	1292.82033642	1291.56349102	1361.29039041
1076.500	12.38623425	1292.90899180	1291.53014970	1370.70812197
1077.000	12.43545890	1295.21922378	1295.33550453	1380.42587453
1077.500	12.27008877	1311.11997001	1315.19524226	1389.93050796
1078.000	11.70764201	1341.37045393	1347.13651643	1399.62989194
1078.500	11.05258372	1358.30762082	1364.45103168	1409.04810529
1079.000	10.87895410	1353.86752276	1367.46414017	1418.96516595
1079.500	10.87870963	1349.57378018	1367.10165908	1428.39191540
1080.000	11.68379412	1349.93525281	1364.74146009	1429.86207331
1080.500	12.42985108	1349.95090175	1356.38929916	1418.06322548
1081.000	13.53993594	1347.96360338	1347.94623225	1398.43116104
1081.500	14.96230750	1340.28925116	1332.29230826	1381.09203412
1082.000	15.66194417	1323.09780305	1315.11585234	1361.61534601
1082.500	15.66159013	1301.96086262	1295.14124241	1354.21207630
1083.000	15.01560626	1297.74949854	1284.49838761	1348.00948248
1083.500	14.35723365	1296.23392440	1277.86839466	1341.60991067
1084.000	13.77964334	1294.50753254	1274.66988039	1336.56493706
1084.500	13.19160395	1290.73071483	1272.52853910	1331.26419754
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1085.500	12.47995450	1280.15204576	1272.78413617	1329.76867708
1086.000	12.02340811	1277.30860760	1273.49825717	1331.41496340
1086.500	11.62731095	1277.73738691	1274.37872894	1333.12667810
1087.000	11.01724860	1277.53858099	1275.15700894	1334.80345001
1087.500	10.61546445	1277.64627059	1275.98520973	1336.49982286
1088.000	9.85729668	1277.59186585	1276.78055995	1338.81555826
1088.500	9.46362848	1277.61963294	1277.59712574	1341.48274335

1089.000	8.84209534	1277.61827278	1278.38584824	1340.57709777
1089.500	8.23343834	1277.61233626	1279.22340747	1340.04885675
1090.000	8.06874131	1277.68884140	1279.86970463	1341.70384235
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1091.500	8.02923548	1279.77098160	1281.24927471	1346.12640457
1092.000	8.45672664	1280.47167291	1281.71864863	1347.73797788
1092.500	8.84512410	1281.18169582	1282.19787284	1349.06241733
1093.000	9.42949803	1281.86983839	1282.64270390	1350.98486223
1093.500	9.70280843	1282.59287912	1283.13896477	1350.85516469
1094.000	9.89492946	1283.25506873	1283.69413777	1347.60532607
1094.500	10.05528584	1284.33268095	1286.25717313	1343.82034900
1095.000	10.03484783	1285.35840695	1287.45617277	1341.80056127
1095.500	10.04817477	1281.73826548	1280.41519762	1342.66091468
1096.000	10.03495379	1279.31381750	1276.95883036	1343.56774475
1096.500	10.05310888	1279.25732395	1276.69754494	1342.05701004
1097.000	9.89598048	1278.71988636	1275.90981566	1338.20093862
1097.500	9.69508348	1278.50544039	1275.39092981	1334.00175762
1098.000	9.57910890	1277.97666075	1274.73861501	1332.09419525
1098.500	9.44480017	1277.88085234	1274.11467350	1334.52283524
1099.000	9.39635789	1277.24930117	1273.96800479	1336.48161182
1099.500	9.23358363	1280.73336859	1278.77602635	1338.55882084
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1101.500	9.74005330	1297.24585517	1297.21850594	1339.63192153
1102.000	9.93871305	1297.31017178	1297.39839413	1343.37062138
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1103.000	10.81672820	1296.87028429	1296.93886679	1347.42070799
1103.500	11.33172094	1296.65704620	1296.70181424	1342.08515139
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1104.500	11.66537081	1296.29612512	1296.33618947	1334.24576198
1105.000	11.82474806	1295.96019834	1296.10406056	1334.48949207
1105.500	12.32385354	1296.03495300	1296.01344552	1335.17526319
1106.000	12.61325997	1295.33534268	1295.64133233	1335.10010482
1106.500	12.73426166	1298.73477833	1296.45992255	1339.11735533
1107.000	13.12574590	1304.55734386	1303.88168048	1348.65823289
1107.500	13.43609673	1311.82212537	1310.54668638	1357.86335468
1108.000	12.90742835	1320.95346857	1318.63614362	1364.69169603
1108.500	11.83514168	1340.20894444	1332.35656193	1369.42267599
1109.000	11.03595096	1359.81403980	1333.87697517	1374.23266256
1109.500	10.62397966	1354.32501070	1330.08174143	1379.21987125
1110.000	10.64485855	1336.25858118	1326.11421131	1383.40191212
1110.500	10.62245609	1323.41538184	1325.59471559	1386.19740804
1111.000	10.65717246	1328.10533905	1326.39271883	1389.70363284
1111.500	10.80127612	1332.44547027	1332.09138692	1391.30675539
1112.000	10.93965057	1337.20490574	1335.68149011	1387.31101521
1112.500	11.32043802	1346.28585814	1335.62936840	1383.91998392
1113.000	11.45458941	1357.95522635	1334.77188930	1381.41979048
1113.500	11.68595785	1362.84311670	1333.43788080	1379.14990976
1114.000	11.97166255	1354.74379319	1329.81597144	1376.81697609
1114.500	12.21057615	1340.97817062	1325.90276473	1374.52292777
1115.000	12.61111893	1326.22018340	1322.30495606	1372.20069822
1115.500	13.22750982	1316.13365064	1318.03366379	1369.95942327
1116.000	13.82940150	1316.11895478	1316.10503746	1366.96326994
1116.500	14.31573391	1323.88684703	1318.47509236	1355.07108975
1117.000	14.41988458	1335.84545339	1312.07609220	1348.13669899
1117.500	13.82453490	1339.73288231	1302.28657002	1346.29753410
1118.000	13.11065561	1312.61496988	1297.04134928	1343.60521193
1118.500	12.23371130	1293.13801353	1292.00621406	1341.29993636
1119.000	11.64659803	1292.97097804	1289.33523977	1338.88026345
1119.500	11.52369243	1290.74735211	1289.32883899	1336.00248295
1120.000	11.21241673	1291.39220227	1288.89139302	1332.50928914
1120.500	11.05372137	1290.61243203	1288.70177260	1329.72730957
1121.000	11.02620256	1290.54051598	1288.33201624	1330.02400453

1121.500	11.04093684	1290.16386680	1288.15612033	1331.23529728
1122.000	11.30819236	1289.89224010	1287.68298226	1335.02228772
1122.500	11.45344308	1289.92932147	1288.60839335	1339.85326675
1123.000	11.33828346	1293.53389632	1291.50565184	1343.67858112
1123.500	11.12150874	1297.36154501	1294.24793439	1347.90966291
1124.000	11.03049968	1298.20274724	1297.28859824	1351.97809099
1124.500	11.02599332	1298.53676499	1297.76300577	1356.04508954
1125.000	11.07932252	1299.20505847	1297.54474945	1360.24228782
1125.500	11.37568801	1299.64660371	1298.28252886	1362.14966316
1126.000	11.55548536	1305.80460422	1303.88097335	1362.30063834
1126.500	11.52179556	1310.14196734	1307.57133680	1362.70555591
1127.000	11.22707065	1309.50498563	1307.69168277	1363.03335052
1127.500	10.96142614	1309.81737205	1307.73050382	1363.31302847
1128.000	10.79776229	1309.64594401	1307.65786359	1363.79536857
1128.500	10.66213103	1309.72538989	1307.76526729	1362.73378049
1129.000	10.63106551	1309.71707451	1307.58220962	1360.56945640
1129.500	10.62055740	1309.52260376	1307.94721338	1358.70454660
1130.000	10.45364001	1306.95885272	1305.10497708	1356.74757719
1130.500	10.43063977	1303.25237732	1300.04494144	1354.75501592
1131.000	10.45558503	1301.50864410	1299.61629918	1353.21714591
1131.500	10.61606773	1302.02974971	1300.01427680	1352.23469690
1132.000	10.64081921	1303.13991188	1301.28628677	1351.13572514
1132.500	10.63164477	1303.72783396	1301.70850119	1350.09457353
1133.000	10.64233208	1303.67843543	1301.66594142	1349.02312257
1133.500	10.62465143	1303.63651664	1301.59167867	1347.96801711
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1134.500	10.86827777	1302.37395897	1298.59436711	1345.84653051
1135.000	11.00716831	1298.09327455	1296.99882666	1344.77698253
1135.500	11.04794388	1294.12483255	1295.35385974	1343.72911035
1136.000	10.94453542	1294.20337343	1293.84552371	1342.63417767
1136.500	10.77442201	1295.03415393	1294.22266779	1341.78709106
1137.000	10.62850085	1295.68201726	1294.92992646	1341.73263002
1137.500	10.63962947	1296.40416727	1295.56191059	1341.73779883
1138.000	10.63380847	1297.10667308	1296.23006765	1341.73174459
1138.500	10.63704039	1297.78727998	1296.87564096	1341.74100042
1139.000	10.63390844	1298.54319115	1297.54333394	1341.71104831
1139.500	10.63714469	1299.14412540	1298.18635510	1341.91241217
1140.000	10.63197079	1300.91025248	1298.85945325	1344.16806993
1140.500	10.64133027	1304.31197733	1299.69921598	1346.67888608
1141.000	10.62319206	1307.63272389	1303.33173947	1348.91967433
1141.500	10.73316748	1311.02429553	1308.34547463	1351.04174224
1142.000	10.89472713	1314.35934540	1313.04073056	1353.08445488
1142.500	11.09150247	1317.85787232	1318.03092042	1355.15641290
1143.000	11.21751354	1323.12339815	1321.77101945	1357.21598121
1143.500	11.38320447	1324.98322448	1323.39393580	1359.26849399
1144.000	11.44083802	1326.29338180	1324.80402579	1361.34339357
1144.500	11.43605960	1327.77659170	1326.14932818	1363.35998866
1145.000	11.34079609	1329.17721208	1327.58116886	1365.71963995
1145.500	11.19636369	1330.63448989	1328.88878327	1368.47717144
1146.000	11.06327513	1332.60444553	1331.40043165	1372.16213593
1146.500	11.02650964	1336.81579634	1335.71799102	1375.02290718
1147.000	11.32114388	1339.88724472	1339.34817707	1379.62056930
1147.500	11.42974559	1347.19036610	1346.09444701	1387.90645572
1148.000	11.52116474	1356.55239209	1355.51668653	1392.86728911
1148.500	11.64200534	1366.18787112	1365.31762292	1397.76436368
1149.000	11.62339981	1372.62944672	1370.53591475	1402.22756362
1149.500	11.78751859	1369.82808926	1367.26207622	1406.08760143
1150.000	12.46047502	1366.09338495	1362.96966440	1409.57427538
1150.500	13.37273565	1362.03502502	1359.20612339	1408.40993305
1151.000	14.18881117	1358.19853653	1355.87009534	1406.88036084
1151.500	14.83608359	1354.17236873	1352.69595702	1403.36982395
1152.000	15.58603701	1350.37951866	1349.78573261	1397.76963638
1152.500	16.21727197	1346.10007168	1346.76886585	1392.57472097
1153.000	16.71717632	1342.70171036	1343.83865261	1387.35986605
1153.500	17.07939530	1340.42490248	1340.81287468	1384.77134339

1154.000	17.31648572	1337.94442171	1337.95526239	1383.32789095
1154.500	17.40656792	1337.67768685	1336.27065933	1381.87048154
1155.000	17.39020775	1337.84387406	1335.77424725	1380.44272205
1155.500	17.11526800	1337.23911601	1335.19318050	1378.99765020
1156.000	16.69500783	1333.08185444	1329.80422334	1377.56470135
1156.500	16.31014919	1328.93370270	1326.66386791	1376.12676645
1157.000	15.89604500	1325.74277171	1325.11066908	1374.68764394
1157.500	15.53227719	1324.72022961	1323.35506120	1373.25187807
1158.000	15.27316502	1323.68086384	1321.74083899	1371.80375454
1158.500	15.01310770	1320.57296369	1319.67271700	1370.37686865
1159.000	14.72629210	1316.18966283	1316.23700923	1368.91293680
1159.500	14.59525219	1316.32533777	1316.53746744	1367.74778934
1160.000	14.61331184	1317.40821211	1317.64449937	1367.00283115
1160.500	14.62833694	1318.24258125	1318.52657115	1366.31313717
1161.000	14.80125705	1319.25274483	1319.51360677	1365.68827994
1161.500	15.09356152	1320.05264148	1320.43973015	1364.94251816
1162.000	15.24223489	1321.20255759	1321.40547942	1364.43449511
1162.500	15.39310153	1320.94178905	1321.01404903	1363.12814700
1163.000	15.33367055	1314.18141530	1316.64719868	1357.48774678
1163.500	15.07297581	1308.63288558	1309.50676973	1352.00194658
1164.000	14.52801167	1301.36762247	1302.43413410	1344.00664635
1164.500	13.89670682	1296.78892147	1300.65442873	1335.97395802
1165.000	13.14296999	1296.15500814	1299.83591029	1332.88487368
1165.500	12.45652116	1294.79061706	1298.73738965	1330.22692069
1166.000	11.78610382	1293.80039405	1297.77092733	1327.68435655
1166.500	11.23123898	1292.60154322	1296.74213860	1324.85464296
1167.000	11.03314787	1291.67130438	1295.64312990	1323.75489088
1167.500	10.82690190	1291.93392996	1293.82498764	1324.44131087
1168.000	10.64602191	1292.51321512	1291.86262101	1324.76568834
1168.500	10.63326718	1292.99231221	1292.13095670	1325.35925988
1169.000	10.62241262	1293.45825208	1292.75790417	1325.57979156
1169.500	10.73819606	1294.00555173	1293.35802035	1327.08637429
1170.000	11.13596191	1294.68763947	1293.90998434	1328.46313763
1170.500	11.52687153	1295.24819230	1294.61433415	1333.72260177
1171.000	11.89297893	1296.65713951	1294.95431732	1339.34501736
1171.500	12.01530390	1299.97747381	1296.62839241	1343.66617970
1172.000	12.37734736	1303.75815289	1307.05193684	1345.15510897
1172.500	12.84278096	1321.97560468	1322.03447039	1346.30648188
1173.000	12.72279157	1328.37140287	1328.29738303	1347.74555654
1173.500	12.30972716	1321.96958044	1329.09753824	1350.49367953
1174.000	12.05216079	1316.50327383	1326.07408145	1354.44728456
1174.500	11.56220267	1313.47125415	1325.72683642	1355.54839466
1175.000	11.09940662	1314.15311875	1325.65279874	1354.57723574
1175.500	10.93853757	1314.13698072	1326.23780851	1353.96779961
1176.000	10.52119525	1314.46558278	1327.89590341	1353.19147779
1176.500	10.16527831	1314.60072613	1327.68942004	1352.49473290
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1177.500	9.65651370	1315.02423702	1327.75598578	1351.02318567
1178.000	9.62294417	1315.26835618	1327.71148254	1350.39545180
1178.500	9.74130081	1315.50390838	1327.66258465	1349.34056892
1179.000	9.85436578	1315.38890083	1322.92078048	1345.70033836
1179.500	10.14414160	1309.24274844	1313.78589082	1342.45150597
1180.000	10.63711400	1301.90997143	1306.41439863	1339.13880921
1180.500	11.13364336	1302.99126148	1301.26925477	1335.90412837
1181.000	11.63073393	1306.62671695	1303.20080186	1332.55344232
1181.500	11.81123779	1311.22460041	1303.66488852	1329.39231056
1182.000	11.83908045	1296.01944236	1292.13567919	1325.77399387
1182.500	11.82417698	1276.41516684	1271.95661668	1322.81128255
1183.000	11.84400990	1263.83867704	1258.92134108	1320.79867755
1183.500	11.79784622	1258.97012032	1256.32210828	1318.39050237
1184.000	11.68160094	1259.79769505	1258.93278118	1316.13600563
1184.500	11.40660899	1259.44819804	1260.50111447	1313.95669247
1185.000	11.03548388	1259.44473413	1262.76899855	1315.77751023
1185.500	10.98176336	1260.73028441	1265.98430221	1321.67325122
1186.000	10.83388698	1274.05617866	1274.99596465	1328.26787947

1186.500	10.81953608	1281.74909777	1284.11668127	1334.88060537
1187.000	10.64892482	1280.71919858	1289.23593438	1341.51727130
1187.500	10.63085676	1268.96719723	1292.63420169	1348.89450157
1188.000	10.64561815	1268.74614213	1295.31340346	1349.19172974
1188.500	10.83600985	1280.70319237	1295.74784410	1348.41822879
1189.000	11.00400142	1281.44434539	1288.12993791	1344.40728133
1189.500	11.14181036	1273.48443434	1278.42619390	1336.52706564
1190.000	11.58497129	1262.00790495	1277.28312727	1335.78715740
1190.500	12.07227610	1257.32136120	1281.17111984	1342.67049241
1191.000	12.51674676	1267.83373142	1290.05287902	1347.93186311
1191.500	13.02450228	1293.09879270	1299.03815868	1343.54993462
1192.000	13.83717261	1306.60511348	1306.64427148	1335.87277206
1192.500	14.49936136	1306.75959934	1308.65830435	1332.62968737
1193.000	14.78051713	1297.13687947	1305.45467092	1334.26297410
1193.500	14.71131584	1288.25684406	1304.66580353	1340.02783266
1194.000	14.31950113	1281.79685550	1303.40248429	1342.01338355
1194.500	13.83579150	1281.50061237	1302.44775930	1339.94486494
1195.000	13.20142576	1281.23656140	1298.83410312	1336.18043839
1195.500	12.73513886	1281.10034004	1293.36790120	1333.03731274
1196.000	12.51204307	1280.89416487	1290.50962897	1330.51463493
1196.500	12.40974527	1280.72737793	1288.66718320	1328.57545405
1197.000	12.49846639	1280.57891109	1286.85996964	1326.64764231
1197.500	12.83709812	1280.38490271	1285.09085041	1324.70016700
1198.000	13.33425200	1280.29642842	1283.20059134	1322.81457393
1198.500	13.98426171	1279.99154735	1281.86510284	1320.81588719
1199.000	14.61791479	1280.07593908	1282.83893254	1319.04316226
1199.500	15.21410089	1279.40282181	1284.19216895	1316.77462228
1200.000	15.72172385	1282.35073458	1285.07787302	1316.26402669
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1201.000	16.54783393	1288.05150202	1291.33419459	1320.90529929
1201.500	16.62400671	1286.68877772	1290.75869284	1323.28454106
1202.000	16.45619610	1284.96652287	1289.26748664	1325.43295015
1202.500	16.38556879	1284.49600870	1285.42349223	1324.96836329
1203.000	16.42868501	1278.72436300	1281.34922903	1323.99347691
1203.500	16.21643155	1273.56089320	1278.30148212	1323.13677445
1204.000	15.92851211	1274.08628522	1274.75604809	1322.22495675
1204.500	15.81022533	1275.97190944	1271.33654218	1321.33717136
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1205.500	15.41476847	1267.56194541	1271.73220318	1319.54305406
1206.000	14.99710941	1269.40624460	1273.91131957	1318.65965359
1206.500	14.74710684	1275.06098649	1276.64456017	1317.67007956
1207.000	14.59011033	1279.75025732	1277.05044766	1315.90589039
1207.500	14.75488770	1276.28320761	1275.39685679	1313.97939602
1208.000	14.94606108	1271.64427257	1274.13660758	1312.06391760
1208.500	15.29246413	1270.86049705	1272.68024669	1309.87809600
1209.000	15.59364793	1270.06216974	1271.33034170	1306.73621317
1209.500	16.02967891	1269.45425583	1269.77544941	1302.70116116
1210.000	16.69544309	1268.71140198	1268.86159612	1298.82133168
1210.500	17.31025866	1268.04455229	1267.90389135	1294.82529053
1211.000	18.07970056	1266.16297678	1266.94507216	1291.16740446
1211.500	19.63401795	1266.47103153	1265.96581493	1284.70024099
1212.000	21.33432100	1272.24364357	1265.04352115	1279.85926999
1212.500	24.49051561	1276.13204919	1264.01046550	1278.25550992
1213.000	27.50129298	1274.76954723	1263.19453694	1275.88733404
1213.500	27.64512084	1269.00467388	1261.95580913	1275.63325495
1214.000	27.65304794	1265.13146049	1262.97202589	1275.37863957
1214.500	27.38929848	1266.51505290	1266.87491552	1277.76952203
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1215.500	26.80825389	1279.26933967	1274.21564961	1289.37614244
1216.000	26.52628783	1286.94940635	1277.38699284	1289.67111006
1216.500	25.79148360	1290.09366981	1277.31947384	1289.71962642
1217.000	24.57271780	1289.29321576	1267.98188342	1289.54823231
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1218.000	19.78114154	1265.55373661	1243.73672246	1287.67152047
1218.500	17.18712375	1244.48271780	1234.43146196	1285.26280349

1219.000	15.37508954	1234.90285787	1230.02405932	1285.09633781
1219.500	14.00887556	1232.86814487	1228.69894176	1284.19950561
1220.000	13.37308830	1238.02436080	1228.47704663	1284.01599921
1220.500	12.82236736	1251.78753812	1227.55174605	1283.18003393
1221.000	12.41237594	1252.07877766	1229.39667626	1286.99934974
1221.500	12.00036258	1248.16348955	1234.53130128	1294.57549984
1222.000	11.81328544	1247.86303481	1239.06306134	1302.88823784
1222.500	11.78506359	1258.27280493	1246.92405609	1308.56397118
1223.000	11.60416178	1266.46227461	1251.76612761	1309.07660995
1223.500	11.64028681	1264.88247241	1250.38874539	1310.72316757
1224.000	11.60928677	1263.48160712	1249.33729050	1311.72458113
1224.500	11.67317635	1255.64950182	1244.43235286	1313.23405829
1225.000	11.91729039	1247.64172794	1243.26104950	1313.26043621
1225.500	12.21384827	1253.61216020	1250.59226655	1311.98483119
1226.000	12.62182899	1274.10198363	1260.88677577	1310.95302641
1226.500	13.04881188	1279.89127732	1258.00196501	1309.65142754
1227.000	13.81254952	1269.07696855	1256.08594138	1308.08155289
1227.500	14.61459315	1261.94287533	1255.10959312	1306.11184441
1228.000	15.30891017	1258.94350308	1254.38529923	1306.46024130
1228.500	16.08509121	1256.55236716	1253.77053800	1308.11242326
1229.000	16.56515181	1255.66131246	1253.30693326	1309.33725982
1229.500	16.75276171	1255.18682955	1255.87966247	1310.88397526
1230.000	16.82524578	1259.72180680	1262.42028035	1312.03825964
1230.500	16.86710774	1268.77835695	1269.69091861	1312.78083225
1231.000	17.04399144	1277.11843029	1274.21693120	1313.76265469
1231.500	17.21012325	1273.45757612	1272.20906036	1315.41428676
1232.000	17.19572302	1259.85919275	1259.09018914	1317.46445539
1232.500	17.19390847	1259.42975389	1253.84054917	1317.77650068
1233.000	17.20970091	1268.59478065	1265.81307835	1317.67439415
1233.500	17.14389029	1269.14953965	1271.77288098	1317.78010929
1234.000	16.99108000	1264.50169366	1271.32413511	1317.17322100
1234.500	16.98762072	1272.95504527	1273.47252468	1315.65438053
1235.000	17.04795634	1285.59747186	1278.78254604	1314.17925517
1235.500	17.19830396	1283.45308429	1280.92174355	1312.68038587
1236.000	17.23430497	1278.90412551	1278.14353663	1311.16658449
1236.500	17.44067559	1275.96758202	1278.20614372	1309.82854656
1237.000	17.78579158	1276.01259823	1278.87044858	1310.02697580
1237.500	18.06213864	1276.44131975	1279.35560459	1310.42991719
1238.000	18.32310417	1276.98438505	1279.91616293	1310.79107284
1238.500	18.59030320	1277.07405632	1280.47055567	1311.17322802
1239.000	18.85860939	1278.61646754	1280.99683326	1311.53616173
1239.500	18.99387117	1281.68565276	1281.45632407	1311.83694264
1240.000	18.98515916	1276.17474078	1278.05223202	1312.08594279
1240.500	18.99670439	1272.49703705	1273.88309057	1312.33293589
1241.000	18.95084502	1272.51625954	1273.58635342	1312.57290274
1241.500	18.61497451	1275.33383701	1273.94505369	1312.83061944
1242.000	18.34891912	1275.35353323	1277.53211681	1313.05578052
1242.500	18.04992839	1271.36181512	1270.33787463	1313.34500998
1243.000	17.79173987	1263.93613146	1261.66885382	1313.50751885
1243.500	17.52619849	1265.89164510	1262.27090971	1314.27053962
1244.000	17.24853644	1274.39388413	1271.80288851	1315.47436855
1244.500	17.15765797	1280.52775883	1278.69027144	1316.95480816
1245.000	17.28388834	1279.14118082	1279.07822649	1317.35126385
1245.500	17.80526231	1275.18337519	1281.25456263	1315.60842335
1246.000	18.54411948	1281.72127907	1281.87019476	1314.04658812
1246.500	19.44159561	1282.46216660	1284.18737606	1312.36133213
1247.000	20.17225764	1271.47000539	1275.09765318	1310.74882899
1247.500	20.83509268	1269.16627618	1269.97553173	1309.08223734
1248.000	21.53820759	1261.08935028	1263.90692564	1307.46203351
1248.500	21.93443682	1250.68686589	1252.37602127	1305.78596616
1249.000	22.03504674	1254.00833317	1254.00684253	1304.25545560
1249.500	22.15787880	1264.78982697	1256.00159263	1302.21284040
1250.000	22.41822269	1276.73164485	1259.93919499	1299.02248363
1250.500	22.58949542	1267.81978649	1261.78149317	1298.21335570
1251.000	22.57395595	1258.74718778	1258.73812801	1300.53188877

1251.500	22.39109136	1258.87388384	1255.93594067	1302.65456569
1252.000	21.96559362	1266.60220793	1262.46311839	1304.24351641
1252.500	21.53635492	1267.40548315	1267.85716631	1305.10993400
1253.000	20.93869616	1264.73919746	1266.52969444	1306.09247071
1253.500	20.76644607	1263.62011631	1263.43443012	1307.05683283
1254.000	20.65152121	1262.14808701	1263.65817609	1307.95743381
1254.500	20.36552438	1260.90090421	1263.65830469	1309.06190168
1255.000	20.14821412	1259.53206563	1262.40657620	1309.20473050
1255.500	20.32857693	1258.22515745	1259.64296165	1305.19640811
1256.000	20.52106965	1256.87745652	1257.50308472	1302.71399466
1256.500	20.63598808	1255.64833479	1254.71323353	1301.33454710
1257.000	20.78358657	1255.15774885	1254.08329193	1299.60493704
1257.500	20.77594590	1254.62539820	1255.55781837	1298.51511671
1258.000	20.64901658	1254.32939684	1257.01475311	1294.52819442
1258.500	20.37789143	1253.58222870	1256.57914079	1288.53742588
1259.000	20.11023903	1253.07216106	1252.73794473	1283.30028949
1259.500	19.97887021	1245.32092953	1243.28826985	1277.72791104
1260.000	19.97791493	1234.58761478	1233.53079860	1272.34404965
1260.500	19.98909065	1223.71178120	1223.86622767	1266.83892779
1261.000	19.93786930	1216.00886530	1214.32990258	1261.43845701
1261.500	19.63007926	1214.02023458	1211.62316811	1255.61669186
1262.000	19.42727781	1211.51094132	1210.00547282	1248.77605179
1262.500	19.24542161	1211.39075809	1207.97842299	1240.51864681
1263.000	18.98003393	1211.76909523	1206.40799469	1237.81462377
1263.500	18.75325781	1207.61790200	1202.82884564	1235.93163676
1264.000	18.93556384	1198.13209787	1197.53004639	1233.71564268
1264.500	19.13065323	1198.26483842	1198.45697642	1231.73100333
1265.000	19.45881897	1208.34161885	1207.14480449	1229.49612348
1265.500	19.94105164	1218.45521071	1215.51418416	1227.62577383
1266.000	20.25463560	1218.15152669	1222.99478520	1224.99416833
1266.500	20.51186591	1207.24498881	1226.45254011	1224.89133860
1267.000	20.75293972	1195.73354132	1235.32985363	1230.57396265
1267.500	20.74344448	1199.12930723	1242.65106657	1242.58784899
1268.000	20.52738602	1209.36545832	1251.42730025	1256.96833359
1268.500	20.20414107	1237.04872081	1253.36688926	1270.84802975
1269.000	19.75840236	1271.06470856	1260.06643101	1285.74262893
1269.500	19.54861169	1308.29575306	1278.39041936	1302.26904151
1270.000	19.08818601	1326.47990056	1289.94401035	1318.24160616
1270.500	18.56117524	1327.98475498	1304.74534945	1322.10407126
1271.000	18.24788806	1328.77840733	1321.69332663	1324.41347629
1271.500	18.20191047	1322.76935972	1346.63755417	1325.13844873
1272.000	17.99680632	1316.68570674	1340.41410318	1321.75378579
1272.500	17.74949376	1316.23594858	1333.97243033	1319.39126112
1273.000	17.97064054	1324.03260706	1321.92508124	1314.11243949
1273.500	18.56416063	1314.96280956	1314.72775674	1306.66953724
1274.000	19.37971567	1288.58584735	1298.93656930	1299.75905794
1274.500	19.59475204	1268.58376294	1271.70391700	1292.57859791
1275.000	19.71098694	1265.12551555	1257.69641210	1285.60541673
1275.500	19.94991740	1265.72193873	1246.32641773	1278.39314134
1276.000	19.98448157	1259.08665310	1240.82214137	1272.08841965
1276.500	19.98389178	1249.74469360	1237.41717657	1271.50811922
1277.000	19.97755166	1245.21499382	1240.15957188	1271.57573296
1277.500	20.11705157	1243.98757567	1244.29082037	1271.62238856
1278.000	20.24660252	1250.17880196	1248.61710213	1271.49588068
1278.500	20.38109574	1255.51080972	1249.73379989	1272.51186170
1279.000	20.38756257	1255.19970922	1254.99192599	1275.59735506
1279.500	20.21751158	1258.71547627	1264.16353078	1278.90184800
1280.000	19.82951512	1271.06374503	1266.66432374	1281.12891949
1280.500	19.44391135	1274.37464460	1257.99207595	1277.77752373
1281.000	18.81775463	1271.17485316	1245.28737800	1274.22735277
1281.500	18.53872272	1267.32974142	1235.10321881	1270.60640571
1282.000	18.77641277	1241.24558848	1223.40814066	1267.65958977
1282.500	19.20942978	1218.72652505	1214.53532708	1266.67856397
1283.000	19.85676768	1215.07358745	1213.16121941	1265.84368484
1283.500	20.34986119	1220.53546395	1214.25422228	1265.08498559

1284.000	21.08274983	1231.13221004	1224.60557952	1264.17580579
1284.500	21.54957879	1250.79796517	1231.54971022	1264.00634329
1285.000	21.74419625	1267.56723403	1233.97474948	1267.72651676
1285.500	22.10538488	1263.30172956	1237.41717629	1270.83767771
1286.000	22.27377360	1249.04130724	1240.48848558	1274.71807631
1286.500	22.73893661	1241.89157787	1244.05620419	1273.95643988
1287.000	22.98348857	1246.11755825	1247.91887336	1271.04390818
1287.500	23.00250736	1250.67927793	1249.09627405	1264.79417998
1288.000	23.18109289	1249.79251405	1235.46872036	1255.25199945
1288.500	23.16311497	1226.52156130	1217.85541807	1247.07275843
1289.000	23.12564526	1204.49071940	1201.39224594	1238.16188986
1289.500	22.81532056	1201.22300962	1190.95652581	1229.84238850
1290.000	22.56760660	1200.98017147	1185.42456868	1220.78285893
1290.500	22.13007380	1199.24082662	1179.78738314	1214.15354719
1291.000	21.82040122	1198.11332986	1179.54323062	1214.42060487
1291.500	21.60843012	1196.87411176	1178.64996031	1219.52602895
1292.000	21.56497351	1201.06473478	1187.45587476	1228.61616430
1292.500	21.56386676	1211.22027486	1202.56573162	1236.88679832
1293.000	21.58573025	1226.97217384	1215.20406249	1246.69351156
1293.500	21.40832689	1250.61362273	1235.59214703	1255.93942691
1294.000	21.40584922	1265.71128731	1244.36142657	1268.19192393
1294.500	21.58992932	1267.60122023	1242.64194519	1269.13923108
1295.000	21.55841725	1266.10217024	1238.67288992	1267.67879042
1295.500	21.57752316	1247.39256541	1231.20534499	1266.81870329
1296.000	21.56339586	1214.47283297	1222.06917281	1265.62167619
1296.500	21.60758158	1202.99774539	1205.23367704	1264.68804660
1297.000	21.84177659	1206.58919782	1203.46045277	1263.40653678
1297.500	21.96556610	1224.57569965	1220.46634327	1261.47032181
1298.000	22.12010470	1268.81149688	1231.95873478	1258.83436009
1298.500	22.30962241	1283.71019036	1229.99799026	1257.84062733
1299.000	22.43396231	1267.06747821	1228.85151156	1258.81792617
1299.500	22.01755695	1238.59977833	1227.80655363	1263.03353597
1300.000	20.52207784	1233.17790973	1228.46632370	1272.01365605
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1301.000	17.76052362	1247.66394336	1248.89776207	1278.04363845
1301.500	17.45499491	1267.66293875	1258.87367295	1279.87219252
1302.000	17.22796876	1273.66162526	1260.27370141	1283.13016985
1302.500	17.18052718	1270.04612908	1260.63099385	1286.00655342
1303.000	17.23012649	1267.50708525	1261.16919980	1291.15735524
1303.500	17.55200531	1267.14227334	1261.94900542	1298.79356598
1304.000	17.60023039	1273.39934949	1266.48195522	1305.44287599
1304.500	17.58848653	1283.84072071	1276.05148719	1309.40826815
1305.000	17.59948151	1293.24204922	1284.82341970	1307.91566493
1305.500	17.58626762	1295.00344505	1284.84257603	1303.68202441
1306.000	17.73292495	1289.90125437	1283.62730260	1299.22535167
1306.500	17.95456401	1275.97521193	1276.58439369	1295.19201694
1307.000	18.00420199	1263.85534376	1266.74352698	1291.61345195
1307.500	17.85925262	1254.62717698	1256.10588388	1287.84930247
1308.000	17.72351270	1247.67008873	1246.53642162	1284.18293361
1308.500	17.60668708	1244.05850284	1240.78993039	1280.02721613
1309.000	17.43586054	1244.69793033	1245.05525940	1276.54007043
1309.500	17.52138157	1264.05161257	1249.48450347	1272.47585107
1310.000	17.47793260	1268.71660444	1247.76586214	1268.47702253
1310.500	17.32360885	1250.37635005	1243.38249550	1264.11077974
1311.000	17.16381384	1239.47119214	1240.87873715	1263.46108175
1311.500	16.84347595	1236.22715916	1237.03850030	1263.63735392
1312.000	16.75669956	1232.95734885	1232.99700066	1263.51193305
1312.500	17.03467549	1231.86151034	1231.30930427	1264.03423201
1313.000	17.59697552	1233.57980513	1231.99921643	1264.93886212
1313.500	18.15660906	1237.21485391	1236.43009349	1265.75102458
1314.000	19.10840587	1242.23794098	1241.74138237	1266.61562672
1314.500	19.73586317	1246.89153886	1245.56196638	1267.43298429
1315.000	20.20682177	1251.81305098	1246.97377402	1268.30619851
1315.500	20.39854694	1254.21954509	1248.14140597	1269.09010673
1316.000	20.36843829	1254.89853812	1249.29272580	1270.52527207

1316.500	20.42339269	1255.65160699	1250.46290634	1272.74374256
1317.000	20.63871447	1255.46971095	1251.62577103	1274.91166170
1317.500	20.79203025	1256.09819986	1253.34305185	1277.11532390
1318.000	20.64088245	1259.46161410	1254.89828175	1279.40545436
1318.500	20.38777271	1260.39271770	1256.95313503	1280.23927546
1319.000	20.07080449	1261.22919004	1259.58844421	1280.86607944
1319.500	19.69009811	1261.86202810	1261.79138151	1281.55313520
1320.000	19.11042646	1264.75716596	1265.87953830	1282.22218677
1320.500	18.99265278	1267.95549113	1270.58749281	1282.89481578
1321.000	19.39144279	1270.47919896	1270.40919418	1283.59602464
1321.500	19.63450960	1271.18838530	1267.44862743	1283.46444938
1322.000	19.94901840	1267.49646643	1264.65650345	1282.93195679
1322.500	20.53747761	1265.21579484	1261.78078074	1282.68158077
1323.000	20.96946696	1263.09620750	1258.96029537	1282.04803788
1323.500	21.51825948	1260.11312386	1256.09378854	1282.11352834
1324.000	21.88555522	1256.56171756	1253.27359507	1278.39575702
1324.500	22.23845900	1253.34594789	1250.37878929	1272.30908121
1325.000	22.35987520	1249.84026128	1247.56015706	1267.08329256
1325.500	22.52182699	1246.79872812	1243.16313985	1261.57472435
1326.000	22.56781562	1243.18657327	1235.90999709	1256.05445175
1326.500	22.71334351	1239.13166044	1229.84794138	1250.83405333
1327.000	22.77798700	1234.55123380	1223.94751061	1244.72173835
1327.500	22.76910613	1229.32979723	1217.06611518	1241.19876078
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1328.500	22.51756427	1213.23595475	1213.63581130	1241.47709242
1329.000	22.28125538	1209.19333408	1213.26758617	1241.40379829
1329.500	21.73183955	1215.13052577	1214.05517920	1243.24962210
1330.000	21.24815046	1224.89172253	1219.11526842	1249.24162380
1330.500	20.80559297	1232.71366729	1225.20811736	1257.72694920
1331.000	20.77092916	1248.47437206	1249.41130536	1265.31655168
1331.500	20.78995646	1277.52803707	1263.85636594	1276.43563495
1332.000	21.22139259	1284.60903707	1262.04059262	1282.19371225
1332.500	21.64849113	1280.49844611	1258.71235471	1281.49625619
1333.000	21.79761162	1263.31432251	1247.40267932	1274.13707285
1333.500	22.04498146	1240.29318138	1237.03050538	1261.88999145
1334.000	22.15317557	1230.88135173	1226.38051195	1255.10290189
1334.500	22.33419596	1223.87765012	1216.04845087	1248.51453414
1335.000	22.32575970	1220.12759733	1207.06479582	1241.16581815
1335.500	22.16683868	1216.82244979	1199.81612376	1237.15283610
1336.000	22.12417175	1213.37646290	1196.41627999	1237.56732980
1336.500	21.94075619	1210.82029505	1196.69819010	1237.89650534
1337.000	21.51871679	1213.19515218	1205.41810994	1243.30116878
1337.500	21.11206442	1224.43871237	1221.91396902	1249.45570344
1338.000	20.75386300	1245.10148725	1232.82366687	1254.94553999
1338.500	20.13554281	1260.91692707	1241.99261765	1261.98990345
1339.000	19.96601979	1261.49860796	1247.57729487	1269.16020837
1339.500	19.98413650	1262.07371164	1252.07971326	1269.78204031
1340.000	19.95574417	1260.56375951	1253.39888074	1268.93512621
1340.500	20.15800550	1255.58105863	1249.56679822	1260.20911405
1341.000	20.54947447	1243.24338374	1225.93380533	1251.30370146
1341.500	20.61943441	1216.12978489	1202.23357951	1243.06400806
1342.000	21.34686852	1196.83484581	1190.54897581	1237.66919974
1342.500	21.96564278	1189.02191327	1189.48149959	1238.45186873
1343.000	22.93211792	1199.80124741	1197.16845804	1238.83930275
1343.500	23.85812888	1212.73101913	1206.21630084	1240.45881444
1344.000	24.50572441	1226.25948366	1216.80753351	1250.02713261
1344.500	25.40667200	1244.53466215	1221.68845707	1260.44014281
1345.000	25.42454923	1255.04156552	1221.88809725	1261.37786674
1345.500	24.35983917	1233.93477878	1218.48032513	1260.37140449
1346.000	23.26111354	1208.38220273	1213.94473844	1260.19774949
1346.500	22.55015138	1214.57388629	1217.63378781	1257.39459502
1347.000	21.90330905	1227.16149167	1217.43635706	1249.76901827
1347.500	21.11729303	1222.54666582	1217.23850955	1242.23017621
1348.000	20.44381802	1211.95559936	1215.78117300	1237.60016370
1348.500	19.79906435	1209.64681844	1214.47093183	1234.74568481

1349.000	19.47802059	1207.40475678	1212.63248970	1231.82757522
1349.500	19.19405218	1205.46885439	1210.01253862	1228.96518251
1350.000	18.81596906	1204.15028303	1207.23045314	1226.09303400
1350.500	18.77332354	1202.40362605	1204.50289610	1223.26035910
1351.000	18.93454237	1202.51799388	1201.12005743	1219.15798041
1351.500	19.13015410	1205.87004116	1190.39345861	1215.26840267
1352.000	19.33747877	1200.42878214	1178.17717610	1211.27166487
1352.500	18.78236779	1177.12021437	1168.50183926	1208.28745597
1353.000	17.74921179	1156.21737114	1162.67456853	1206.21909111
1353.500	17.17279081	1155.56312370	1165.52852277	1204.03745008
1354.000	16.38690024	1174.37942364	1169.65777385	1201.90896949
1354.500	15.78911847	1191.24015424	1173.01406358	1199.76764393
1355.000	15.40671127	1191.57023683	1172.20443174	1197.59178374
1355.500	15.14269904	1188.38148097	1170.97988605	1195.67085164
1356.000	14.83992506	1171.05131381	1169.19835264	1195.99086743
1356.500	14.24393479	1163.42319935	1165.68228375	1196.61499547
1357.000	13.81662400	1163.75357149	1163.77357863	1197.17678084
1357.500	13.38819619	1168.86736543	1165.46882006	1197.76349292
1358.000	13.24171612	1176.86562706	1171.59308707	1198.34098043
1358.500	13.46616231	1176.62634782	1172.93110510	1198.91361223
1359.000	13.80180557	1170.08943565	1171.55984854	1199.52972657
1359.500	14.33404632	1169.37513130	1172.66402172	1200.58131418
1360.000	15.11348119	1175.33609572	1174.46174321	1201.65019717
1360.500	15.85285039	1179.88949761	1175.40077992	1202.71188531
1361.000	16.14662136	1179.05851908	1174.90231592	1203.77630312
1361.500	16.36728277	1178.84143926	1174.48618370	1204.83929469
1362.000	16.41865735	1178.27731353	1174.18726913	1205.90426687
1362.500	16.26781865	1177.74921744	1173.47117740	1206.97008195
1363.000	16.02059895	1177.98522169	1175.00750320	1208.02522097
1363.500	15.46920760	1182.99724464	1179.96882747	1209.07661827
1364.000	14.85016347	1184.68410826	1185.25507414	1210.11543487
1364.500	14.43114471	1186.16534852	1187.67398123	1211.17726844
1365.000	14.42512398	1187.75599876	1187.40633394	1212.20335030
1365.500	14.38661195	1190.31964290	1187.62814103	1213.21187301
1366.000	14.64242342	1198.05016130	1192.42018385	1212.41167015
1366.500	15.09422563	1206.28409250	1193.82745877	1210.71105190
1367.000	14.38922818	1207.61346651	1192.95335234	1209.20278861
1367.500	13.57910017	1199.81362275	1189.42090951	1207.54876621
1368.000	13.01747594	1193.04444206	1186.05389392	1206.06381119
1368.500	12.58770217	1189.61171936	1183.31239311	1204.28838624
1369.000	11.98363461	1185.55688357	1180.42674336	1203.64424270
1369.500	11.88804435	1182.00715119	1177.63531688	1204.44271580
1370.000	12.06515216	1177.66522928	1175.29164924	1205.01387772
1370.500	12.24211948	1178.30817793	1176.43068943	1205.73025395
1371.000	12.60070839	1185.65902962	1185.32766694	1206.32564898
1371.500	12.94862368	1193.12756263	1194.16003455	1207.07272100
1372.000	13.17894214	1197.58256330	1199.35214521	1207.13153078
1372.500	13.31724722	1198.77660156	1199.63209442	1205.81381423
1373.000	13.60992625	1198.90622046	1198.16559878	1204.47749657
1373.500	14.14321201	1193.44299460	1192.42052144	1203.12156749
1374.000	14.58645207	1177.96615886	1175.26928095	1201.76509912
1374.500	14.56874518	1166.22360222	1165.10501832	1200.43646181
1375.000	14.38780847	1165.60600370	1165.60470886	1199.04213054
1375.500	13.96708320	1165.08090477	1165.40630238	1197.77569049
1376.000	13.55031887	1166.36935770	1168.49129330	1196.22396480
1376.500	13.24110916	1174.19053170	1171.58965168	1195.64536993
1377.000	12.80920339	1182.65116416	1176.77243539	1196.59118377
1377.500	12.44738265	1193.77644069	1180.10270138	1197.35028231
1378.000	12.45612951	1194.89807891	1180.99170608	1198.20502488
1378.500	12.76388433	1193.03186021	1182.49978358	1199.01863305
1379.000	13.00234124	1192.42585376	1183.14513469	1199.82440494
1379.500	13.30709944	1187.60320639	1181.25450115	1200.69568769
1380.000	13.78511284	1179.93302084	1179.85577302	1201.42167868
1380.500	14.43180782	1179.46338062	1183.61461175	1202.42171953
1381.000	15.47976786	1183.93773002	1187.89835825	1202.87187919

1381.500	16.38914112	1190.64189662	1192.47432135	1206.33431268
1382.000	17.86380856	1198.44335778	1202.48887467	1212.18802637
1382.500	19.71664211	1206.50443662	1211.52993235	1217.34143015
1383.000	21.60368855	1218.12164452	1220.84602455	1222.85686562
1383.500	23.79934732	1235.45744151	1229.12533601	1228.11048483
1384.000	25.67007682	1251.19182872	1232.53630203	1233.66008751
1384.500	26.77386998	1261.03573836	1235.14546200	1237.99492545
1385.000	27.47642319	1247.16743867	1234.90805232	1239.92169444
1385.500	27.58113595	1228.74894461	1232.47356059	1241.82781703
1386.000	27.37477259	1222.02351126	1225.99884470	1243.67389914
1386.500	27.18755519	1244.48275029	1242.62375791	1245.60610356
1387.000	27.08764215	1267.11672983	1250.60784949	1247.07411753
1387.500	26.83628891	1282.42864486	1247.79097765	1241.68720856
1388.000	25.52841106	1290.02036840	1238.85223855	1234.62967738
1388.500	23.39391093	1275.80877403	1223.33139325	1227.86756982
1389.000	21.24761260	1235.09576025	1210.10194731	1221.00316412
1389.500	19.60385629	1207.68005416	1198.13850069	1214.12296094
1390.000	17.92557649	1192.03113907	1185.61743558	1207.35967584
1390.500	16.96182968	1186.65439578	1173.74235280	1200.35281727
1391.000	16.88905058	1187.66534377	1166.63041615	1196.62164351
1391.500	17.01534177	1186.95070046	1165.51018984	1196.70430261
1392.000	17.37763352	1189.83779607	1167.28155905	1195.03110027
1392.500	18.51459789	1197.79358226	1187.01753932	1200.96537519
1393.000	19.88696021	1213.03359719	1208.83588791	1212.83592270
1393.500	22.08484459	1254.85986740	1223.23451839	1223.35390676
1394.000	25.71801990	1286.76944432	1236.55643438	1234.48923778
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1395.000	26.12537650	1278.41132686	1256.60885787	1256.25095100
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1396.000	25.76969521	1266.35716299	1273.76618470	1277.22230460
1396.500	26.29780427	1274.29265577	1272.10187158	1281.53727484
1397.000	27.06476276	1275.36538536	1265.36415138	1283.15677513
1397.500	26.99150266	1271.30243375	1255.37776313	1279.67989842
1398.000	26.34334723	1258.92033778	1249.03201079	1271.73721397
1398.500	25.16566950	1247.24242554	1243.70783913	1262.07942528
1399.000	23.81735703	1241.27069430	1243.73973523	1253.95588585
1399.500	22.62956475	1245.77812491	1241.99325688	1255.71430076
1400.000	22.09334741	1254.26833114	1240.78669916	1261.33767634
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1401.000	21.94946117	1250.57975232	1227.78150290	1256.05590661
1401.500	21.83439324	1242.05223774	1224.94611337	1251.39905379
1402.000	21.69811137	1242.01680324	1221.77180186	1252.98908580
1402.500	21.52938865	1240.51072753	1220.05117534	1253.58095941
1403.000	21.17184618	1239.88535697	1222.76082538	1254.70195445
1403.500	20.77009068	1251.10432112	1226.55982156	1255.46652711
1404.000	20.53841982	1265.17509528	1234.47337107	1255.62215963
1404.500	21.35940778	1263.69456686	1239.52766008	1255.57045624
1405.000	22.64902618	1259.44951273	1245.43035600	1255.63137213
1405.500	24.33976177	1275.25579432	1245.94424383	1255.55089566
1406.000	25.49105070	1291.89082928	1240.70826169	1255.68221496
1406.500	24.98397827	1242.00560186	1231.89813709	1255.43762848
1407.000	24.14685190	1208.05046457	1226.20954881	1255.92949266
1407.500	23.54145351	1228.29693297	1226.68000587	1251.84632879
1408.000	23.93671267	1262.72197065	1233.10915200	1243.94724764
1408.500	25.13358787	1285.69178835	1233.00016477	1238.38019904
1409.000	26.34382709	1244.48387575	1227.98562446	1240.30888726
1409.500	26.71234522	1225.77378512	1227.34233921	1243.35992720
1410.000	26.82123084	1232.38284690	1228.21848750	1246.07543273
1410.500	26.94276103	1235.07311322	1235.59753347	1249.01542162
1411.000	26.86823553	1238.86649186	1240.53412415	1251.40382802
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1413.000	23.38959309	1235.34321332	1231.12506337	1248.17193624
1413.500	23.72229593	1268.99464733	1245.53235186	1249.57551714

1414.000	24.42008472	1301.56122409	1245.48406041	1251.22727590
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1415.000	25.01446806	1279.00242156	1247.13599167	1254.34912976
1415.500	23.75639867	1260.85938645	1247.91471337	1255.93988116
1416.000	22.40105699	1260.22133080	1248.67047700	1257.49038117
1416.500	21.35054568	1260.28684848	1249.00630654	1258.91021450
1417.000	21.52940815	1260.88697778	1252.32475821	1260.08014450
1417.500	22.67669292	1261.83282939	1258.12444301	1261.91415395
1418.000	23.90878586	1266.75659965	1263.82642549	1264.97607585
1418.500	25.60569585	1276.02851016	1273.52522236	1268.78681005
1419.000	27.92373108	1281.90456982	1283.68041104	1275.29424031
1419.500	30.02828629	1307.98984203	1293.77485125	1280.07397063
1420.000	32.09490153	1344.71008815	1304.65985241	1291.94456545
1420.500	34.58090658	1356.08969883	1310.54408352	1301.17880889
1421.000	36.54531975	1365.33065296	1316.23880020	1310.27732726
1421.500	37.64599308	1365.57752283	1321.76714661	1323.46528093
1422.000	38.43153405	1361.35488530	1325.94685088	1332.30517053
1422.500	39.18688306	1360.27808713	1330.05197988	1335.03581282
1423.000	39.51071319	1361.41179996	1333.77792780	1338.41655558
1423.500	39.57737733	1362.89167683	1333.58600981	1339.62505240
1424.000	39.86648578	1366.85763613	1334.54046616	1340.73100121
1424.500	40.15839066	1381.59446487	1327.09315009	1330.41380195
1425.000	40.76795252	1375.92808899	1311.06160685	1312.37884125
1425.500	41.63185717	1356.69628971	1295.87845238	1297.20796552
1426.000	42.81885309	1314.93224113	1276.05946921	1280.77079594
1426.500	43.64535296	1271.15806639	1253.30823755	1265.00790837
1427.000	44.30004381	1242.44569307	1234.91368308	1248.88372145
1427.500	44.97201957	1233.08677858	1218.44677393	1232.91934950
1428.000	45.59606307	1247.41600304	1201.98449248	1216.91897210
1428.500	46.02819372	1255.80680850	1183.29097089	1202.21228729
1429.000	46.43935859	1257.39907685	1173.15466553	1186.46923636
1429.500	46.64993741	1212.05267868	1161.30847484	1171.31577624
1430.000	46.68234953	1166.90514862	1152.05135722	1163.11358192
1430.500	46.78646391	1152.67476917	1146.58656593	1163.84407793
1431.000	46.82153864	1154.43667596	1145.06927819	1168.57625662
1431.500	46.82249926	1157.46275453	1146.11603741	1175.02013696
1432.000	46.81663089	1165.97480898	1152.74310252	1182.23535346
1432.500	46.82705859	1180.25730704	1173.45864278	1191.31478254
1433.000	46.77936477	1192.49826910	1206.59827084	1199.71702403
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1434.000	46.27538462	1352.02178665	1244.36913170	1214.36635037
1434.500	46.18446603	1387.40850069	1239.91445288	1214.27838286
1435.000	46.41956350	1320.28980655	1226.61509493	1215.72790579
1435.500	46.67081765	1243.12566580	1215.81239932	1212.36489062
1436.000	47.00424860	1198.32882603	1205.42371767	1206.28452527
1436.500	47.41516489	1195.83054930	1198.41890390	1201.03698407
1437.000	47.82248917	1197.56259229	1190.09772692	1195.37164105
1437.500	48.18684612	1220.88753231	1183.98809053	1190.16041778
1438.000	48.71422803	1229.66783047	1184.51540087	1191.54075838
1438.500	49.30335515	1231.68124774	1186.64379228	1194.28646964
1439.000	49.40098795	1236.70039836	1190.30410079	1196.71690432
1439.500	49.40014433	1244.31327080	1194.06267942	1199.29675654
1440.000	49.17794326	1247.67625887	1197.81816210	1201.80227134
1440.500	48.94916059	1247.98120786	1201.56847665	1204.34665194
1441.000	48.61165570	1243.44084566	1205.40331802	1206.87245728
1441.500	48.22130039	1238.99868333	1209.00189108	1209.40477423
1442.000	47.76571209	1239.88491821	1212.69543319	1211.92808821
1442.500	47.20007337	1240.50552460	1216.34187257	1214.45309437
1443.000	46.82495408	1242.50363266	1220.03677012	1217.26510052
1443.500	46.41071892	1259.33674481	1222.48154070	1220.08122146
1444.000	46.14958458	1269.61047246	1223.95427558	1223.39673702
1444.500	46.04540017	1254.55433106	1225.52945978	1226.66683732
1445.000	46.41986129	1254.31286020	1227.04101241	1229.96203878
1445.500	46.78975829	1258.22577225	1228.59699271	1233.24340679
1446.000	46.81621489	1254.68399742	1230.11144486	1236.53257656

1446.500	46.95426370	1251.34204118	1231.67970014	1239.83054628
1447.000	47.08205537	1259.23950758	1233.16237671	1243.22162257
1447.500	47.22507062	1281.01204399	1234.81664060	1244.20597521
1448.000	47.21835067	1296.44786343	1235.63451485	1244.69348823
1448.500	47.19397284	1298.61594004	1235.52710114	1245.47817971
1449.000	46.91302044	1276.91638241	1235.58751009	1244.80415243
1449.500	46.56002101	1269.17708474	1235.55537778	1243.24905650
1450.000	46.52044889	1271.39115320	1235.58580505	1241.97017284
1450.500	46.37500962	1261.54220417	1235.23664243	1240.54275154
1451.000	46.08390184	1255.81173006	1234.38627296	1239.23558776
1451.500	45.72115037	1270.75868789	1234.10067584	1237.79444685
1452.000	45.46507632	1277.83436014	1231.40329723	1236.56637006
1452.500	45.26836088	1276.57927426	1226.87073389	1233.64372502
1453.000	45.24034042	1276.11523059	1222.18754606	1228.08089393
1453.500	45.52957550	1269.70027452	1217.96197231	1222.46354733
1454.000	46.00639288	1244.16013760	1213.52474255	1216.29824845
1454.500	46.46975241	1218.76493220	1209.96440279	1212.41142605
1455.000	47.02787199	1234.19675340	1199.88255492	1209.02683903
1455.500	47.41081900	1266.74066970	1184.12938415	1203.18506041
1456.000	47.83638510	1248.24823471	1169.90675606	1181.52142953
1456.500	48.53274298	1199.72588600	1155.20565335	1168.25322183
1457.000	49.18444080	1178.36540073	1143.83336270	1160.11121841
1457.500	49.35244917	1179.30256873	1134.20852204	1151.66455960
1458.000	49.42491547	1141.40370170	1125.55744371	1143.20845467
1458.500	49.39769414	1121.21239370	1121.69626379	1135.86318745
1459.000	49.41372275	1143.52310320	1122.91128810	1135.11542934
1459.500	49.40018966	1177.86630208	1127.38160179	1135.40099079
1460.000	49.41625099	1179.48487186	1131.05718694	1135.24372653
1460.500	49.26623150	1179.68925574	1140.98584531	1142.58498261
1461.000	49.02487872	1191.55661486	1155.61136641	1154.80401566
1461.500	48.45316447	1210.01175589	1167.95086811	1166.77348356
1462.000	48.12474092	1228.02810864	1181.95535457	1176.86212856
1462.500	48.01956611	1245.88370573	1189.17951339	1177.51720572
1463.000	47.86525770	1255.57598998	1185.12747469	1177.54667140
1463.500	47.78453471	1238.87794077	1179.47485911	1176.99417357
1464.000	47.96314914	1199.94083611	1178.71227539	1175.78056268
1464.500	48.16959149	1180.65965247	1181.40332122	1174.72775629
1465.000	48.72109338	1178.42057563	1187.10042648	1173.13365572
1465.500	49.28545452	1203.07069466	1192.81896737	1166.62748978
1466.000	49.44608042	1293.36963627	1196.44427739	1159.35708363
1466.500	49.62632068	1289.23539325	1177.20095590	1151.61028912
1467.000	49.58945508	1226.26036145	1150.90851631	1144.24304611
1467.500	49.62438337	1178.60404114	1127.43959184	1136.39242466
1468.000	49.55186069	1130.10407245	1116.28925019	1133.41624656
1468.500	49.39990166	1102.22588425	1119.43243700	1135.25642945
1469.000	49.37880728	1108.52742567	1123.98401920	1135.84196630
1469.500	49.02104521	1199.74755924	1138.18303337	1138.41007162
1470.000	48.69696819	1276.58018007	1154.84260409	1151.35124207
1470.500	48.39093612	1301.03696823	1181.55624622	1166.43496736
1471.000	48.02110986	1298.71488240	1192.92083714	1190.58633573
1471.500	47.59569611	1288.82338064	1212.00171715	1214.61163693
1472.000	47.26671185	1276.26245616	1238.57973067	1239.62928031
1472.500	47.04384758	1273.15514231	1255.17755044	1247.77294423
1473.000	47.05792449	1273.81364937	1257.90086966	1246.23178778
1473.500	47.22270634	1278.83117094	1233.99766547	1239.86337351
1474.000	47.24891961	1288.56209196	1194.93273067	1221.03918754
1474.500	47.47036074	1291.33674677	1170.31350460	1188.02530920
1475.000	47.79534766	1226.53808730	1135.67236610	1172.31504541
1475.500	48.23850994	1137.91421601	1121.62621818	1169.59011621
1476.000	48.43545535	1105.04456000	1123.19717166	1163.30042027
1476.500	48.40318590	1124.92065222	1126.69035223	1159.46413098
1477.000	48.44283005	1157.48342157	1146.26555100	1153.13246732
1477.500	48.18164645	1188.49729511	1141.23670810	1147.57335403
1478.000	46.85282642	1226.66250358	1136.00448962	1134.44032006
1478.500	45.32835255	1269.88764275	1104.97729136	1110.49971949

1479.000	43.98783002	1272.07379854	1065.70794758	1086.76054240
1479.500	42.13852339	1198.27712666	1016.47836022	1085.43277876
1480.000	40.84883583	1109.19280429	986.79170082	1105.60382012
1480.500	40.63495163	990.63059613	991.84987830	1125.38023295
1481.000	40.81949003	1055.92294851	1032.19200223	1127.87608738
1481.500	41.37672407	1185.01294844	1122.64244876	1123.63438817
1482.000	41.43001077	1333.82292117	1177.56587617	1126.89844420
1482.500	41.04246490	1320.81064346	1162.39361445	1130.98329905
1483.000	40.66106139	1307.35772727	1207.90140471	1176.31593920
1483.500	40.23307317	1322.63545654	1246.97440977	1249.69559994
1484.000	40.03859379	1335.80859266	1258.65167976	1284.58879287
1484.500	40.05354327	1326.32507056	1265.98262918	1307.96504315
1485.000	40.23194450	1302.10262511	1270.50963701	1300.56453246
1485.500	41.16090296	1294.78332147	1271.63660088	1285.22187182
1486.000	42.12467355	1305.42378238	1268.86942023	1266.18874053
1486.500	42.79740680	1312.01895434	1255.22593577	1249.63271582
1487.000	43.83769611	1296.90080168	1251.21972354	1235.11045723
1487.500	45.00082246	1268.04272040	1251.56970680	1227.04205165
1488.000	45.83828925	1265.30319926	1244.48029701	1219.41049977
1488.500	46.62269760	1281.21315172	1224.90660262	1212.83151224
1489.000	47.41425775	1270.51386839	1202.09852671	1198.70722222
1489.500	47.61122419	1207.46656046	1174.43423272	1191.05719581
1490.000	47.21408918	1165.16188276	1152.97973965	1191.66639113
1490.500	46.96287542	1173.85020593	1157.47344547	1191.12695976
1491.000	46.44488920	1238.04406671	1197.97440547	1191.69918912
1491.500	45.61861696	1315.41219223	1214.85420889	1190.88987936
1492.000	44.82594390	1350.58146108	1216.73209961	1195.34819290
1492.500	44.21430892	1304.49343462	1213.65893982	1204.02993318
1493.000	44.43666481	1244.23426323	1214.52802742	1212.09097111
1493.500	44.67196524	1240.84992099	1220.52017322	1223.31635414
1494.000	45.16126041	1270.10010939	1223.16718597	1225.69816710
1494.500	45.65216472	1277.80835655	1222.27604738	1225.56197688
1495.000	45.88484566	1254.07308563	1221.01651971	1225.05059482
1495.500	46.03852322	1249.61310193	1219.95345767	1223.87973016
1496.000	45.90353910	1259.44409503	1218.79188073	1222.94493293
1496.500	45.59596906	1270.40215894	1217.69812192	1221.87299166
1497.000	44.98460183	1266.54514588	1216.50763914	1220.89203833
1497.500	44.28090643	1253.13940615	1215.70610608	1219.82715688
1498.000	43.84015649	1246.90284736	1217.18574306	1218.87421370
1498.500	43.30966520	1247.87364284	1218.80819901	1217.76821273
1499.000	42.66753896	1247.18785073	1220.46663904	1218.06478856
1499.500	41.90020233	1249.63753707	1221.98096207	1219.25074881
1500.000	40.84160339	1256.21087239	1224.08872720	1220.18947268
1500.500	39.68599087	1263.04477613	1230.63675235	1221.25024869
1501.000	38.85555274	1269.45675377	1236.91841947	1222.23387275
1501.500	37.54947119	1274.23131437	1237.71091928	1223.25404129
1502.000	36.19658495	1275.90694036	1237.46976210	1223.55654406
1502.500	35.52875608	1275.30995839	1237.71382833	1223.52665896
1503.000	34.64685020	1278.18903677	1237.04500850	1223.52455404
1503.500	34.07935160	1283.47818342	1235.02722767	1223.48815957
1504.000	33.71771314	1282.47703526	1234.66942399	1222.23857291
1504.500	33.69426459	1270.16385255	1233.99714198	1220.52126350
1505.000	33.54629655	1274.36424917	1233.67489204	1218.74993387
1505.500	33.34623496	1289.58276403	1234.56892814	1217.74330010
1506.000	33.22021459	1298.96476602	1235.75414777	1219.97819435
1506.500	33.28390803	1300.15700779	1237.67081383	1221.77008147
1507.000	34.26845282	1294.23055409	1239.91798122	1224.47037854
1507.500	35.53724280	1282.02877815	1245.75438642	1232.89647516
1508.000	36.89392863	1282.98322102	1251.91226405	1240.41922055
1508.500	37.91814080	1293.90839760	1260.60286020	1248.12586558
1509.000	38.45825869	1318.50072131	1268.98259901	1255.59978133
1509.500	38.94248550	1339.98956395	1278.09847230	1264.81429661
1510.000	39.28270099	1324.02716797	1287.72623212	1276.28410178
1510.500	39.28956225	1312.26652970	1298.74968756	1286.93916886
1511.000	38.95227921	1322.24591405	1310.76407320	1299.10032544

1511.500	38.93412892	1353.18846194	1322.27162172	1307.12281442
1512.000	39.33452270	1388.99203003	1332.15859812	1306.80895168
1512.500	39.64450390	1395.02639327	1333.67702796	1300.64171477
1513.000	40.08634478	1377.34045635	1332.72002273	1292.52356401
1513.500	40.79198492	1361.92388813	1312.03188087	1286.58148022
1514.000	41.28315285	1329.78703952	1290.72219139	1276.12898455
1514.500	41.27541268	1290.57887974	1283.70658736	1260.61296797
1515.000	41.03303375	1262.25232267	1258.95822364	1245.22307925
1515.500	40.45608960	1254.56218054	1236.83290164	1231.85127978
1516.000	40.02711287	1249.99807398	1218.40203660	1218.08989003
1516.500	39.44205556	1243.75103088	1206.13215110	1202.73359410
1517.000	38.62443891	1241.18621711	1194.49263745	1193.00012132
1517.500	37.66813792	1241.48290871	1191.30489080	1189.50677373
1518.000	36.24204689	1242.02879596	1189.46534410	1185.50258011
1518.500	34.62862891	1250.15242217	1189.47134125	1185.39322127
1519.000	32.95711494	1258.92141429	1189.03418212	1185.38695328
1519.500	31.39025403	1259.31765344	1191.81230328	1185.31401821
1520.000	29.74227963	1251.74162786	1196.96478441	1185.90578024
1520.500	29.03902173	1247.78011203	1203.97523806	1190.46393105
1521.000	29.27442351	1254.63112977	1207.46000752	1195.25331328
1521.500	30.05803375	1272.49394791	1213.36468314	1199.68916680
1522.000	31.60095977	1288.10899605	1221.01255086	1204.85036460
1522.500	34.28564930	1294.73724245	1221.65024241	1207.87331977
1523.000	37.20059903	1283.52523658	1221.16126205	1207.80987026
1523.500	39.54603082	1261.31716854	1218.91362646	1208.30909779
1524.000	42.03538361	1237.79105253	1217.39717307	1208.49699844
1524.500	43.81371794	1223.08214589	1217.63400259	1208.91690072
1525.000	44.89651322	1225.62208199	1216.05763673	1209.10894285
1525.500	45.44023261	1229.14751486	1213.95429605	1209.58679817
1526.000	45.85219968	1235.70223818	1214.44986604	1209.21649261
1526.500	46.06337053	1247.58217231	1220.75495000	1211.97997673
1527.000	45.98674502	1258.06001428	1230.99600876	1222.30386291
1527.500	45.65682773	1268.29097222	1238.93589059	1230.98347255
1528.000	45.17832113	1286.48460929	1239.63094973	1231.66811556
1528.500	44.62540998	1302.25572297	1239.81544672	1231.58977127
1529.000	44.13842062	1294.31834274	1238.44061124	1231.32536032
1529.500	43.87166273	1267.20461640	1230.26076682	1226.59717479
1530.000	43.56589888	1243.16632596	1223.87343057	1220.69426409
1530.500	43.22398654	1236.39166085	1217.13771317	1214.90429374
1531.000	42.88307502	1236.31391643	1210.59409878	1209.19221235
1531.500	42.80035357	1232.84312974	1203.91990844	1203.05189390
1532.000	42.58583861	1228.25859853	1197.37112814	1197.01654983
1532.500	42.41001146	1224.37596383	1190.66304009	1190.92491541
1533.000	42.04805384	1219.74961783	1184.21055125	1184.37802704
1533.500	41.66010282	1217.23706166	1177.17919903	1177.90483834
1534.000	41.10153044	1217.60499455	1171.15325018	1171.62422271
1534.500	40.64407789	1217.02801415	1166.16680751	1166.98978832
1535.000	40.25344303	1212.52404552	1165.02969989	1165.15059589
1535.500	40.01971672	1207.02192774	1165.63540859	1165.41105077
1536.000	40.22289601	1196.48012806	1164.80395361	1165.61947439
1536.500	40.25250909	1196.61755830	1170.45193405	1173.20835708
1537.000	40.40143000	1211.73629539	1180.78058942	1183.15717618
1537.500	40.47645029	1233.53465760	1189.61267880	1193.03787744
1538.000	40.31712488	1253.72484260	1199.37812682	1202.45879363
1538.500	40.19376444	1261.66530797	1207.95127437	1213.34497655
1539.000	40.06572983	1268.17316023	1216.07124787	1221.04097697
1539.500	39.91352937	1274.91353552	1225.42226849	1222.91203820
1540.000	39.85021828	1276.08469005	1229.33868115	1226.50987131
1540.500	39.86048110	1270.07455616	1228.70188949	1226.71940062
1541.000	39.87056597	1251.92828983	1226.78671485	1224.44647809
1541.500	39.80854396	1246.63498059	1225.33404204	1222.87840461
1542.000	39.62836673	1250.12532360	1223.65605603	1221.51251789
1542.500	39.11882994	1256.31847127	1222.14990719	1220.20841127
1543.000	38.67638936	1264.31127283	1220.41403545	1218.84792618
1543.500	38.69342841	1274.04487351	1219.56673818	1217.67293077

1544.000	39.18908384	1278.25811250	1223.68951506	1218.16340072
1544.500	39.87928662	1278.23347571	1229.30478325	1218.88712534
1545.000	41.14984499	1279.04921189	1233.59327041	1219.58928361
1545.500	41.62813855	1279.13135172	1236.06511089	1220.25776842
1546.000	41.80292269	1279.75514985	1232.83383634	1221.02823806
1546.500	41.73223851	1270.18688837	1224.27697583	1221.23469304
1547.000	41.57750440	1255.02342352	1214.45489288	1218.67641546
1547.500	41.45622870	1243.14395572	1207.09982675	1216.65315604
1548.000	41.41326295	1226.56065013	1198.10169753	1214.03972781
1548.500	41.16299903	1213.82630331	1204.59518302	1216.09517478
1549.000	40.62415462	1225.46972347	1229.88037496	1221.62061895
1549.500	40.48920554	1275.09071259	1247.18219819	1225.29207634
1550.000	41.33295626	1324.27847273	1259.10740017	1228.49023110
1550.500	42.36075829	1345.06891323	1264.54692546	1227.29311689
1551.000	43.27007511	1339.75333401	1257.63183233	1218.34306987
1551.500	44.46537760	1324.41029944	1236.21905017	1205.63241111
1552.000	45.86814806	1292.87742679	1214.65785025	1191.21726085
1552.500	46.82664595	1213.25711066	1189.05449799	1180.70717747
1553.000	47.61402783	1137.68535081	1177.41620535	1175.43862665
1553.500	47.83148881	1098.58153587	1176.63500043	1171.74082108
1554.000	47.84320494	1175.92471055	1175.16336369	1169.37610099
1554.500	47.49647532	1263.49663462	1181.20261304	1166.94070963
1555.000	47.00324645	1284.81147200	1190.72612575	1169.29617455
1555.500	46.51133257	1285.75740870	1201.35158331	1180.62882668
1556.000	45.94121176	1284.65601233	1213.34836755	1195.22464396
1556.500	45.46140165	1273.18365014	1219.81114706	1213.06001978
1557.000	44.81602615	1263.15333852	1223.30272344	1223.05146046
1557.500	44.24303559	1251.69857949	1227.50086906	1225.44087940
1558.000	43.50864114	1243.44805546	1229.76891242	1229.26132257
1558.500	42.65826192	1251.13163021	1229.47594358	1231.10556982
1559.000	42.20478691	1272.00621145	1229.63269468	1231.70886060
1559.500	41.63692003	1292.66435902	1229.47594245	1231.62280388
1560.000	41.45204455	1302.45164546	1230.90081627	1230.17686822
1560.500	41.27130536	1290.79791637	1232.23289559	1229.29940946
1561.000	41.21803069	1265.51988978	1233.49968152	1229.88143205
1561.500	40.82331043	1283.28821713	1235.02172754	1227.56235206
1562.000	40.07795837	1345.89775519	1235.74949328	1223.99919562
1562.500	39.81537090	1326.10043003	1235.46664254	1221.36793540
1563.000	40.04709616	1257.31659805	1235.73366108	1218.88334887
1563.500	40.45716684	1265.89414636	1235.39895509	1217.41750132
1564.000	40.87767178	1282.86719160	1235.96248895	1215.13229850
1564.500	41.76029744	1282.13848988	1233.14340730	1209.55820425
1565.000	42.40136297	1278.99835089	1229.60874163	1203.48776596
1565.500	43.00870894	1276.26166799	1219.93356990	1197.56128629
1566.000	43.29744299	1245.71651809	1204.37531448	1191.55738207
1566.500	43.04630483	1217.34547889	1192.31886108	1185.72625519
1567.000	42.63748248	1205.92889162	1185.69188274	1180.93943514
1567.500	41.79141330	1191.39405283	1183.68897638	1176.38553445
1568.000	41.11796561	1189.69897869	1185.06935005	1173.72233461
1568.500	40.67436298	1200.59093473	1186.04177704	1175.63636920
1569.000	40.23211813	1214.66832942	1187.23747656	1177.25629044
1569.500	39.90373797	1223.08144287	1188.28677064	1179.24224154
1570.000	39.66501719	1232.34019670	1189.48366665	1180.61505199
1570.500	39.23322771	1246.65489051	1190.49921258	1183.10850697
1571.000	39.01726644	1255.44374311	1190.75398320	1180.40044539
1571.500	39.41632736	1243.86931661	1177.34724918	1173.45129882
1572.000	41.02303746	1205.63438490	1167.54827911	1161.20914001
1572.500	42.94014171	1188.92644852	1144.64814490	1141.65646538
1573.000	45.19276646	1185.79849051	1121.10547719	1123.70395711
1573.500	47.31857855	1146.14111846	1109.37452908	1104.18047217
1574.000	48.70351696	1050.68167749	1095.88310503	1090.84144848
1574.500	49.36745262	1069.24341657	1087.49026077	1084.45354353
1575.000	49.65506244	1122.36314069	1078.27944405	1075.40209739
1575.500	49.58780645	1139.35546551	1072.92681718	1070.91196926
1576.000	49.63560711	1121.09424534	1069.36947344	1070.77898236

1576.500	49.43002938	1105.92918002	1069.30341085	1075.39682379
1577.000	48.89187479	1101.35265341	1073.29592675	1085.50958559
1577.500	48.66486252	1096.39424468	1082.72189256	1095.03027600
1578.000	48.41969181	1122.58976037	1098.59888361	1105.34566377
1578.500	48.13583306	1200.42512370	1123.83101189	1123.52820920
1579.000	48.02261252	1223.49978248	1147.21358208	1142.04600001
1579.500	47.87493805	1235.88574591	1168.36264043	1160.27525420
1580.000	47.68529965	1245.09397906	1180.92974287	1178.34300644
1580.500	47.41049970	1247.40926535	1188.34441920	1187.38196747
1581.000	47.03556375	1246.35265595	1194.14742364	1194.56891696
1581.500	46.45903588	1229.38456867	1196.27638742	1193.00358356
1582.000	45.57983490	1212.55846997	1192.52733778	1189.00904313
1582.500	44.45090157	1196.26446676	1179.69001023	1180.12456983
1583.000	42.85030587	1197.11525708	1167.87140087	1169.55520894
1583.500	41.42228088	1203.99923310	1159.42022143	1161.41046031
1584.000	40.38651072	1202.96539431	1155.84819777	1156.46601633
1584.500	39.24842224	1204.16276500	1154.87865547	1153.76406959
1585.000	37.99543325	1211.23875267	1159.13926952	1154.55576758
1585.500	36.23365154	1221.42825396	1167.28852515	1158.79900101
1586.000	34.87533547	1241.49685814	1179.84949303	1166.31836509
1586.500	34.31617384	1269.66844643	1199.39266720	1171.17215769
1587.000	35.31949253	1293.62530239	1210.27213446	1172.20018683
1587.500	37.36262123	1329.58008788	1207.64958195	1172.47816239
1588.000	39.73163748	1316.80612884	1194.04452968	1173.46444315
1588.500	42.01497371	1257.84796743	1176.33644114	1171.00199862
1589.000	43.95712206	1206.80576359	1164.23031784	1164.47172163
1589.500	46.02201667	1164.90108983	1155.95312184	1158.02930476
1590.000	47.43191929	1154.91801044	1144.16949309	1152.08125253
1590.500	48.96716961	1176.10069100	1139.23838710	1144.96180588
1591.000	49.85258169	1208.51280955	1137.00394608	1139.48535289
1591.500	50.20855441	1213.52130080	1137.22174172	1140.56864422
1592.000	50.43645213	1207.48240537	1137.70475025	1141.73219007
1592.500	50.39060641	1153.38532689	1141.24868605	1151.42966536
1593.000	50.41240934	1160.77012033	1157.75799146	1170.32161421
1593.500	50.39642226	1232.03070617	1193.95235904	1189.43339884
1594.000	50.40686673	1326.82173381	1216.85949084	1192.97973689
1594.500	50.26796832	1353.60046945	1219.27973099	1194.15086542
1595.000	50.00076204	1333.77852100	1212.66431895	1196.96327485
1595.500	49.62994516	1274.94043898	1203.32810163	1199.30710586
1596.000	49.59723402	1221.91528107	1196.99657629	1199.25830553
1596.500	49.60022926	1199.49214217	1190.61608569	1195.51084384
1597.000	49.60008025	1231.90003404	1176.73733218	1185.71087845
1597.500	49.59720934	1250.64515168	1164.98448030	1170.29524979
1598.000	49.72672824	1251.82544147	1152.85738519	1149.95297042
1598.500	50.00137631	1211.94064589	1140.80115689	1139.14403212
1599.000	50.38321624	1160.96548008	1135.02368134	1133.25841149
1599.500	50.95269549	1140.09646784	1133.14384622	1129.19668904
1600.000	51.37023042	1168.24605064	1133.08057465	1132.84262134
1600.500	51.63055858	1202.55964763	1133.83684472	1133.59350111
1601.000	51.95453648	1197.65140075	1136.50414402	1143.69093495
1601.500	52.00619179	1204.10296146	1148.11421740	1158.92365206
1602.000	51.95260385	1214.45765551	1161.14671978	1171.80016571
1602.500	51.61413837	1229.34995054	1173.73679993	1185.97104484
1603.000	51.04276934	1236.50226729	1190.23908719	1198.93035317
1603.500	50.58845100	1239.70284709	1207.21325829	1213.78397007
1604.000	50.20086131	1248.33952172	1220.57069756	1224.45786060
1604.500	49.80475189	1272.52699779	1231.45033043	1229.74232198
1605.000	49.26321448	1285.01652135	1237.82560138	1236.30553966
1605.500	48.76866534	1284.64520257	1241.56819084	1242.82915143
1606.000	48.59971519	1277.72594014	1245.77418829	1245.41319023
1606.500	48.56823794	1281.71979611	1252.01333759	1247.27298235
1607.000	48.36730036	1286.45085797	1256.88367530	1249.38658521
1607.500	48.60021147	1282.46631707	1261.74694597	1249.06304746
1608.000	48.97806661	1273.59800995	1265.42462135	1247.32455624
1608.500	49.21817782	1281.74059312	1265.71983335	1243.13876440

1609.000	49.58585619	1309.95701549	1261.73349705	1233.92128428
1609.500	50.15842823	1335.65735037	1242.03954660	1203.67449991
1610.000	50.81019594	1327.13565056	1205.46347986	1177.25281517
1610.500	51.44927293	1245.62474729	1172.92625304	1159.33596484
1611.000	52.15154264	1155.64102832	1155.76217361	1147.68390560
1611.500	52.60322944	1112.88530331	1134.46931863	1134.80103875
1612.000	52.84617612	1117.66330403	1126.25332814	1127.57434647
1612.500	53.00626137	1160.84624321	1123.82474786	1124.95302788
1613.000	52.83564467	1190.50075374	1122.78389497	1123.78547432
1613.500	52.74848116	1184.13013918	1124.40952341	1127.71118583
1614.000	52.38613576	1180.72863891	1134.43113242	1135.90917735
1614.500	52.12735836	1192.99259217	1144.74992264	1145.99692476
1615.000	51.83781241	1207.17386277	1154.79067654	1155.34630477
1615.500	51.64487304	1190.91201188	1165.09970950	1165.43619057
1616.000	51.41705716	1177.85186403	1174.62057913	1170.70937394
1616.500	51.42766042	1202.73045059	1175.57110655	1170.95447694
1617.000	51.62888615	1246.05296295	1170.43265003	1164.64255738
1617.500	51.98737280	1240.37637406	1153.76094797	1148.53747377
1618.000	52.33526598	1203.91537146	1134.08745876	1129.45826568
1618.500	52.70145845	1155.65480288	1116.13284044	1113.14323204
1619.000	53.35702326	1096.39738359	1101.80167906	1099.71973402
1619.500	53.75437827	1063.40130061	1087.78593551	1085.15883727
1620.000	53.86592323	1062.80790526	1078.76452119	1070.96912849
1620.500	53.91049877	1085.49502095	1075.42021113	1057.44904870
1621.000	54.02732723	1107.26097596	1070.87436617	1049.50513312
1621.500	54.19033973	1116.67290163	1064.74124005	1041.96598341
1622.000	54.17501274	1103.41170142	1053.52663325	1035.37039957
1622.500	54.05219749	1070.94883049	1035.77273680	1031.78855925
1623.000	53.77488695	1055.86475301	1028.14027823	1032.73819193
1623.500	53.51480856	1040.01746245	1026.50352894	1037.20740168
1624.000	53.24403506	1032.46144216	1026.66549486	1040.90155941
1624.500	52.98381274	1029.68322610	1037.81907897	1045.50271430
1625.000	52.65761727	1077.15253152	1051.78263252	1053.61109467
1625.500	52.58379630	1138.28467385	1066.93725529	1067.85482000
1626.000	52.57091431	1148.36397113	1083.80918611	1086.28406454
1626.500	52.72620975	1137.51670118	1105.51844500	1103.95194488
1627.000	52.92521483	1163.28454045	1127.95824606	1122.19438075
1627.500	53.16942119	1254.13290150	1141.00631564	1137.78659838
1628.000	53.58153592	1249.55631383	1146.49544960	1147.92652394
1628.500	53.97915458	1228.82182815	1149.51991215	1158.70318718
1629.000	54.24513865	1185.59207814	1146.21249678	1162.06931690
1629.500	54.38091790	1158.77008564	1140.31728382	1160.70259078
1630.000	54.37334537	1146.10109704	1137.41201685	1152.29055380
1630.500	54.37946610	1171.48525273	1133.38828358	1135.72080007
1631.000	54.37221625	1187.69260189	1122.76478940	1121.58994532
1631.500	54.38371179	1170.75318891	1107.08351330	1110.26388230
1632.000	54.23829931	1132.90484147	1092.67226845	1101.12025451
1632.500	54.11569677	1123.17808597	1086.80741035	1097.82194035
1633.000	53.94235683	1103.31668598	1081.76931973	1094.79250437
1633.500	53.67434534	1092.07275595	1089.02196488	1091.52067407
1634.000	53.31870007	1123.83928498	1119.25415636	1087.64543040
1634.500	53.02861020	1301.31574145	1123.30445486	1083.48494777
1635.000	52.96284884	1282.10447372	1107.10162635	1079.74489094
1635.500	52.99256902	1209.45142836	1080.94113654	1075.85868597
1636.000	53.05898148	1110.29115733	1058.91564168	1078.92929575
1636.500	53.26026531	1039.17469155	1052.70505800	1083.82846850
1637.000	53.58786021	1039.24899874	1057.32581134	1092.60099220
1637.500	53.96588369	1109.01286562	1069.20078351	1095.28016599
1638.000	54.38895988	1175.27747588	1105.28214930	1094.38424162
1638.500	54.62614109	1278.83330345	1115.83541921	1093.92264326
1639.000	54.93132188	1273.06296232	1115.92014426	1093.68510126
1639.500	54.97390165	1226.63751132	1107.84340782	1092.35622598
1640.000	54.89030440	1154.57201452	1099.09285723	1092.32540139
1640.500	54.80298127	1097.53879760	1088.93362329	1083.96938873
1641.000	54.78236803	1077.75724543	1079.62470368	1071.47140484

1641.500	54.62701318	1056.85146077	1059.03468859	1059.78929765
1642.000	54.43472085	1053.09238135	1050.69314265	1051.05076261
1642.500	54.17229530	1073.58273843	1045.86182148	1048.14471482
1643.000	53.82241534	1086.56313765	1041.10443681	1043.47639056
1643.500	53.58652037	1070.01520530	1041.63420671	1043.12049191
1644.000	53.20471157	1055.27478466	1046.98622170	1043.09007910
1644.500	53.17144108	1075.24660853	1049.46920766	1043.18246601
1645.000	53.21408828	1087.98911935	1047.14129749	1043.01717941
1645.500	53.43920255	1081.97859560	1037.58906885	1043.80977074
1646.000	53.60839903	1062.86712054	1035.93636654	1048.83692721
1646.500	53.98118393	1053.83694666	1047.46059830	1053.57822700
1647.000	54.32739351	1058.23201053	1051.98314040	1058.01024065
1647.500	54.53520278	1061.36017059	1061.28475368	1063.14098259
1648.000	54.56923156	1096.82272696	1081.56028763	1064.39615850
1648.500	54.72539864	1158.49766845	1082.96796154	1061.45378586
1649.000	54.77544365	1173.13378647	1068.97549075	1059.01724233
1649.500	54.91810336	1118.47122309	1052.17366260	1053.57132117
1650.000	54.98543000	1065.76394732	1042.66198037	1038.93744476
1650.500	54.97456912	1043.65498703	1035.67767956	1030.46647202
1651.000	54.93467917	1016.94254738	1034.94531902	1031.14714446
1651.500	54.59561305	1011.94737446	1035.20079457	1031.32742656
1652.000	54.11018463	1016.93601915	1034.70050317	1030.17290021
1652.500	53.71598176	1053.34411561	1036.96329544	1041.22962907
1653.000	53.39041946	1112.53966101	1053.60431013	1059.66039563
1653.500	53.00374319	1155.03422563	1071.50320452	1075.29046367
1654.000	52.97228067	1156.48384725	1096.46715259	1090.54120024
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1655.000	53.36487094	1229.59543364	1135.53851726	1118.17323110
1655.500	53.79358485	1224.11851852	1130.84374322	1116.82851196
1656.000	54.01861328	1183.22008135	1115.36122577	1109.26287938
1656.500	54.37408398	1137.73247629	1090.77850356	1097.93594150
1657.000	54.73262127	1095.55355125	1075.58277319	1085.31618454
1657.500	54.92763003	1071.37472960	1061.93298073	1072.49530323
1658.000	54.98158638	1065.39746700	1052.06943482	1063.60105276
1658.500	54.97752971	1070.06489190	1051.01358513	1063.03447902
1659.000	54.83414231	1086.32852030	1057.06797075	1065.92669505
1659.500	54.69340807	1113.61998919	1070.25754281	1068.61975626
1660.000	54.54921685	1142.41143880	1079.74126477	1079.04372336
1660.500	54.35710170	1160.46270786	1095.88733519	1099.48615879
1661.000	53.97576170	1166.07712318	1117.00827614	1118.97481295
1661.500	53.58206116	1184.35077760	1134.91316603	1139.06278778
1662.000	53.16539934	1229.11718598	1153.63510547	1158.84283188
1662.500	52.82822020	1251.33413988	1187.44157163	1178.36129112
1663.000	52.61630338	1248.94762751	1197.77789243	1189.40293552
1663.500	52.61023232	1252.21377516	1197.78437841	1191.12622706
1664.000	52.93580093	1266.91501350	1195.21555552	1190.82976053
1664.500	53.15109459	1257.36239581	1184.94807573	1182.50039992
1665.000	53.63291645	1206.89793007	1174.90390066	1165.27755076
1665.500	54.18477080	1134.76418732	1160.75301054	1148.84926672
1666.000	54.56723884	1138.97225993	1147.81740428	1138.67674198
1666.500	54.97950906	1168.70992144	1137.51713628	1129.39261314
1667.000	55.33755767	1182.77236345	1124.89732219	1119.58478747
1667.500	55.37694587	1167.96620796	1109.93971531	1110.23373492
1668.000	55.36853129	1149.03321333	1107.42065697	1109.05789544
1668.500	55.37420922	1139.15676693	1109.40398829	1109.33562430
1669.000	55.35363919	1128.03880070	1110.60073384	1109.55341840
1669.500	55.18657309	1128.32104768	1111.60512440	1109.97550115
1670.000	55.03595525	1143.32585449	1112.23715518	1110.33265068
1670.500	54.79732890	1154.89057578	1113.35278056	1110.67379398
1671.000	54.43733109	1150.17796630	1114.19457537	1111.12294234
1671.500	54.18061334	1141.57227612	1115.18933102	1111.11478620
1672.000	53.98476327	1142.24608148	1113.01242049	1109.33919214
1672.500	53.73348670	1146.29925833	1108.91018785	1106.75281646
1673.000	53.83291712	1139.43042438	1099.42119471	1096.96675864
1673.500	54.01121186	1121.44994684	1087.35196688	1086.04415068

1674.000	54.36124028	1103.86297292	1075.21149654	1076.07272271
1674.500	54.90427036	1085.94130901	1062.85264590	1063.06255099
1675.000	55.49028690	1068.31681203	1051.10708256	1050.84580624
1675.500	55.82855237	1049.11086443	1039.18229879	1040.10353793
1676.000	56.11799140	1039.54953511	1032.87946845	1037.53928816
1676.500	56.17777808	1036.32135880	1030.69894714	1036.80370362
1677.000	56.16258123	1051.14899889	1039.47767197	1039.04902763
1677.500	56.15312325	1107.25734837	1051.24187186	1044.11259208
1678.000	56.10195215	1123.43155954	1055.39155958	1048.81089985
1678.500	56.04666883	1099.02369725	1063.03671081	1053.75578478
1679.000	56.00930848	1059.28570130	1069.58633391	1058.82465995
1679.500	55.82778517	1069.32457786	1074.75036876	1064.19379364
1680.000	55.42836668	1108.37789116	1075.77143185	1068.69840967
1680.500	55.02127311	1123.89437289	1071.35707203	1068.34274478
1681.000	54.63295313	1111.76700288	1063.67686014	1063.53205041
1681.500	54.19121509	1078.93464759	1057.07303272	1054.46983063
1682.000	53.95181018	1053.61062445	1049.45085442	1046.06829413
1682.500	53.98217279	1037.04332187	1040.36119958	1037.16958689
1683.000	53.97506930	1036.35021283	1030.26459299	1028.83386294
1683.500	54.09646783	1053.58454722	1019.86675263	1018.78639850
1684.000	54.22686202	1103.98988599	1001.51730655	1004.31375570
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1685.000	54.84359535	1019.99275825	974.87217765	973.49972063
1685.500	55.33120485	959.34540921	973.48138278	973.08922424
1686.000	55.43812340	953.40223922	974.14158827	974.07008780
1686.500	55.50102831	967.14381048	981.02148727	978.29430996
1687.000	55.56285534	983.28931304	993.34837673	991.97349642
1687.500	55.57224367	1060.49006091	1015.12960728	1013.81876174
1688.000	55.56407668	1178.01952902	1036.80151491	1034.64574233
1688.500	55.57975074	1244.83923076	1057.79827766	1058.94220854
1689.000	55.44349626	1214.68442852	1075.99954552	1071.88941782
1689.500	55.14836281	1157.96108032	1090.08108659	1087.70511054
1690.000	54.90411091	1110.83424859	1091.54462082	1095.94071760
1690.500	54.57240455	1102.40534849	1089.13199075	1095.69453571
1691.000	54.29967992	1094.95949122	1087.44138565	1089.40116095
1691.500	54.17257917	1088.53685925	1083.69723412	1076.18449535
1692.000	54.16471398	1081.14406693	1069.52792550	1064.73153562
1692.500	54.31082988	1073.34180680	1056.13292225	1054.56130055
1693.000	54.42771292	1067.40049561	1043.72566654	1047.12127115
1693.500	54.71181017	1067.35384814	1037.62796887	1040.31141399
1694.000	54.95748238	1067.07900641	1032.52200034	1033.51396647
1694.500	55.38063696	1067.16882723	1026.90738664	1027.39001295
1695.000	55.62484952	1060.31701579	1023.31286232	1025.07793371
1695.500	55.91188092	1048.38451859	1024.54232579	1023.39277651
1696.000	56.12232835	1037.26268739	1025.62236687	1023.93388219
1696.500	56.18151851	1032.20003627	1027.39162528	1027.23320672
1697.000	56.02377727	1043.36530103	1033.97479096	1034.22968328
1697.500	55.90805781	1057.19761420	1043.04942556	1042.18032667
1698.000	55.75541360	1071.53469210	1050.73891370	1050.79998301
1698.500	55.77743944	1082.16571079	1065.29334419	1061.31196500
1699.000	55.62726593	1116.57818743	1080.95684853	1072.75667396
1699.500	55.46223638	1159.41393533	1088.53780014	1083.85421532
1700.000	55.35248111	1173.59084570	1098.01856200	1095.22060723
1700.500	55.12926886	1160.57463702	1107.19768482	1106.32658405
1701.000	54.96539966	1149.06216306	1112.28576059	1109.69066132
1701.500	54.82509117	1139.25659166	1112.65683928	1110.89256426
1702.000	54.75403943	1131.38123243	1113.63285190	1107.34257230
1702.500	54.77181764	1128.77536297	1112.64329380	1101.22242064
1703.000	54.89758751	1136.87700114	1103.60089376	1094.70282447
1703.500	55.16265621	1153.75350689	1092.56710328	1086.54798135
1704.000	55.57149423	1146.87749026	1082.10923468	1078.62507517
1704.500	55.95678957	1106.45306003	1075.13338894	1073.38741794
1705.000	56.38118917	1083.29351981	1071.53834203	1071.44867917
1705.500	56.58240603	1121.26982468	1071.99390720	1071.87531711
1706.000	56.55264386	1175.62558491	1072.69735988	1072.53969483

1706.500	56.57512613	1158.31174980	1074.30035263	1073.38051484
1707.000	56.52422232	1102.54518179	1077.34399327	1076.46135359
1707.500	56.30533853	1116.05599741	1080.31693244	1079.87262978
1708.000	56.12967274	1137.03201855	1083.34872316	1083.23495304
1708.500	55.76487757	1132.79839307	1086.35103895	1086.61044303
1709.000	55.40460498	1137.15314412	1089.35462239	1089.94769003
1709.500	55.26860851	1162.09348485	1092.37733258	1092.43656855
1710.000	54.94627952	1156.58458530	1095.23883843	1094.42436747
1710.500	54.62024256	1128.05069297	1097.24746855	1096.25384319
1711.000	54.54408491	1119.06832186	1099.12358120	1098.38684238
1711.500	54.62976497	1144.65488259	1100.98232903	1098.77965917
1712.000	54.76359136	1153.88886760	1099.28085508	1096.68849348
1712.500	54.94239395	1142.01464024	1096.59617368	1092.49382007
1713.000	55.38430486	1130.99036327	1094.13464366	1088.57207494
1713.500	55.72266837	1122.64113998	1091.52482304	1086.12017138
1714.000	55.90463620	1105.90282916	1089.59008043	1083.96962101
1714.500	56.15812614	1093.50439727	1092.65988873	1084.55830461
1715.000	56.44017721	1092.11107221	1095.30310233	1090.87686020
1715.500	56.55645625	1119.14189139	1102.60434304	1102.48824483
1716.000	56.58177273	1168.08691690	1114.92909488	1112.92993598
1716.500	56.40119030	1187.00043117	1126.44903796	1123.43172331
1717.000	56.40065896	1199.16861926	1138.42082109	1134.28719166
1717.500	56.58312079	1204.56385712	1140.16327125	1137.68999938
1718.000	56.52732605	1197.21765443	1141.26924932	1137.43188065
1718.500	56.16059495	1176.49488984	1138.20393164	1134.22344809
1719.000	55.90936508	1163.22356897	1127.23569860	1121.93043624
1719.500	55.57984452	1148.74912350	1117.11716740	1108.68377538
1720.000	55.28286946	1136.73402902	1105.60952204	1097.83971397
1720.500	55.18162344	1109.91593795	1094.99953539	1090.42267505
1721.000	55.00928655	1092.14910036	1084.07219120	1082.61938907
1721.500	54.99231846	1088.80370019	1077.28480833	1076.07921905
1722.000	55.23112971	1090.09673059	1075.72727697	1071.56188354
1722.500	55.40084977	1099.70866915	1077.05517362	1073.20176879
1723.000	55.75910425	1102.06994290	1080.68731481	1077.93422925
1723.500	56.16654500	1099.86109086	1097.11784739	1086.63451946
1724.000	56.56106847	1113.40703150	1109.92356647	1103.39390445
1724.500	56.93863763	1168.13330880	1137.28109374	1114.59830874
1725.000	56.94955466	1276.73389628	1155.01674092	1117.50780976
1725.500	56.99169818	1310.12552644	1147.39061332	1117.30729635
1726.000	56.75228970	1269.36025677	1128.40367430	1117.31654565
1726.500	56.55850022	1146.07928702	1108.32530308	1115.55435447
1727.000	56.38475954	1095.82479227	1088.20084218	1113.28465057
1727.500	56.09038084	1065.38826196	1081.14573131	1110.96413643
1728.000	55.92565609	1089.59538640	1088.77902229	1109.33330950
1728.500	55.60944448	1136.85489408	1098.23039822	1109.26549107
1729.000	55.41550679	1173.91707892	1106.12945487	1109.62677008
1729.500	55.31916588	1204.84285210	1114.41188476	1115.20168495
1730.000	55.26731364	1223.20235958	1122.54944536	1122.84444583
1730.500	55.15277242	1222.04319676	1125.57700543	1129.22007558
1731.000	55.22873776	1175.12575183	1120.81731664	1136.03221785
1731.500	55.35124051	1132.64020766	1120.10070514	1139.17150585
1732.000	55.68514594	1138.06518709	1125.58378955	1134.69700625
1732.500	56.19876414	1166.41788507	1127.67769603	1125.30801653
1733.000	56.40457393	1177.13018762	1120.30759638	1116.13266850
1733.500	56.62312657	1165.64802603	1105.07917238	1108.14523574
1734.000	56.76995963	1116.63668573	1095.61819428	1098.81765445
1734.500	56.75723069	1086.06209079	1086.62826176	1090.34087822
1735.000	56.76670421	1092.63516072	1077.80063715	1080.65770275
1735.500	56.75746735	1114.86532593	1068.90857344	1071.81225705
1736.000	56.77065875	1109.43832657	1060.45023354	1062.80454708
1736.500	56.72258046	1080.60427449	1049.72086319	1054.13449528
1737.000	56.50563406	1055.37735949	1039.93697593	1046.76217925
1737.500	56.19691479	1050.06532707	1035.85161301	1042.64153778
1738.000	55.59125333	1046.64796014	1035.69911293	1043.33091088
1738.500	55.31646972	1057.33108308	1039.64727868	1043.05279401

1739.000	54.96377096	1075.32799462	1043.87711089	1046.66737293
1739.500	54.74759734	1080.68712105	1047.65315543	1051.19344132
1740.000	54.76830204	1079.39417375	1052.32519024	1056.24494337
1740.500	54.80847090	1074.47177445	1062.84369319	1066.04887318
1741.000	55.01184406	1081.97142265	1072.79068511	1076.10469489
1741.500	55.36215553	1118.77752393	1083.46481860	1083.23803020
1742.000	55.72887934	1135.47457114	1088.77297698	1086.52507363
1742.500	55.93524251	1130.44481048	1090.63516497	1091.03083168
1743.000	56.39956407	1110.78850481	1092.88321798	1094.02136106
1743.500	56.55733017	1107.66225328	1094.96230058	1097.15864209
1744.000	56.62141898	1110.54722085	1093.26041523	1097.26179139
1744.500	56.72766221	1113.19360699	1090.52019518	1097.51728908
1745.000	56.54808319	1115.71336566	1087.81647317	1095.17113578
1745.500	56.53987501	1118.68106299	1085.41594597	1090.80238863
1746.000	56.16822633	1114.50820241	1081.31225765	1087.52741095
1746.500	55.75656879	1095.47396373	1078.99008551	1086.61663638
1747.000	55.41310583	1086.15361878	1079.81742588	1086.02770738
1747.500	55.18658738	1098.83787972	1080.90584009	1085.56593599
1748.000	54.74971412	1122.93172203	1079.88735563	1083.97617158
1748.500	54.54535794	1128.22244207	1076.13343724	1081.57823632
1749.000	54.62082844	1100.25252786	1073.09977615	1079.48969304
1749.500	54.78754239	1083.20732553	1069.17388033	1077.30503293
1750.000	54.74733634	1084.62180267	1067.19737948	1075.10137550
1750.500	54.83005957	1092.48886928	1067.90667780	1073.32109043
1751.000	54.96296862	1104.17765674	1068.44469386	1073.14603841
1751.500	55.14671857	1107.11286893	1068.72668014	1073.51377896
1752.000	55.45315488	1098.18882389	1071.76982423	1077.92639300
1752.500	55.55423789	1089.80079391	1077.87265753	1083.33783959
1753.000	55.71673496	1099.73113066	1084.34377061	1088.43674036
1753.500	55.78347483	1120.89557467	1092.59694258	1093.87645552
1754.000	55.75402388	1129.59281387	1101.19948131	1098.72690654
1754.500	55.78655872	1132.36814025	1109.54433317	1105.75833115
1755.000	55.71097001	1136.67475392	1118.46121682	1114.58628001
1755.500	55.56669399	1148.66470286	1126.39913605	1122.88081534
1756.000	55.52923334	1163.49239601	1132.38527218	1131.26370338
1756.500	55.31907733	1183.85445043	1139.98400528	1138.47895646
1757.000	54.98413540	1202.18050045	1143.66043040	1145.06970263
1757.500	54.56057973	1205.37903606	1143.27415278	1147.78057879
1758.000	54.20667243	1192.04591521	1140.90826551	1150.02937171
1758.500	54.16767089	1182.72193708	1139.64124415	1152.31076461
1759.000	54.17051203	1178.85287186	1140.77042123	1154.62679971
1759.500	54.19713796	1177.85639572	1143.46458181	1155.50520645
1760.000	54.44625937	1183.68677021	1148.75176836	1155.35951756
1760.500	54.62960831	1209.52949935	1153.62818247	1155.52077569
1761.000	54.80700087	1234.13114321	1156.05410114	1155.87899831
1761.500	55.16970794	1229.59227051	1156.57026751	1156.25146520
1762.000	55.43518745	1198.63332421	1157.74354338	1156.68363949
1762.500	55.58365620	1170.97623413	1161.23729636	1156.96071828
1763.000	55.52165073	1170.81318585	1164.83959104	1157.84677694
1763.500	55.35310802	1169.71512802	1168.39052191	1162.00719489
1764.000	55.38757649	1181.47407713	1171.94645051	1166.38942157
1764.500	55.32316515	1198.68571247	1175.60336370	1170.36922535
1765.000	55.02879184	1203.38977415	1179.00536631	1175.18636374
1765.500	54.78364674	1210.53571450	1182.92621843	1177.17351106
1766.000	54.36965411	1229.91534338	1184.78162939	1175.24073629
1766.500	53.97710399	1243.45961658	1184.51239656	1172.98749166
1767.000	53.57756778	1233.87562595	1175.20058938	1162.98346826
1767.500	53.17369521	1196.01389166	1165.85389480	1150.37955798
1768.000	52.78801649	1169.40453398	1126.57342352	1135.24688286
1768.500	52.36077585	1162.97905327	1094.94836769	1116.26831793
1769.000	52.16623846	1135.83209993	1072.12128950	1098.24667160
1769.500	52.20703398	1077.26151415	1047.98603801	1078.99309427
1770.000	52.70220156	1045.27798960	1039.14639167	1065.33995037
1770.500	53.21657112	1055.56028486	1048.27986983	1063.63453348
1771.000	53.98477538	1096.93137367	1078.86020699	1072.51630280

1771.500	54.48996558	1128.42957917	1089.34163224	1084.72263063
1772.000	54.97738161	1157.62668806	1105.87987431	1099.04412382
1772.500	55.32439550	1201.57388200	1132.83722676	1117.06883424
1773.000	55.54069745	1237.98223332	1151.98692977	1134.66471727
1773.500	55.52750381	1232.85984823	1163.56920271	1152.69964367
1774.000	55.36869691	1223.90715444	1177.46631351	1170.20309848
1774.500	55.23062652	1217.35921648	1190.01786819	1188.11287524
1775.000	55.03618414	1210.36928037	1196.34868911	1194.15340574
1775.500	54.63758862	1210.90220280	1193.29855672	1192.54070463
1776.000	54.15836352	1234.37517902	1190.11099299	1179.31731734
1776.500	53.75806089	1250.61844367	1175.70048159	1166.00190021
1777.000	52.99743551	1243.32904881	1157.04757047	1165.31956184
1777.500	52.63300888	1205.57039831	1145.49657416	1165.90736317
1778.000	52.38955767	1155.21029260	1140.20945360	1174.17767142
1778.500	52.14387417	1181.67466660	1156.71210842	1183.99100421
1779.000	52.35457583	1260.83303496	1225.82528977	1193.36738530
1779.500	52.37948665	1324.49481501	1247.60161330	1203.94585285
1780.000	52.41004768	1356.77471186	1261.93486283	1220.87268857
1780.500	52.16511274	1370.95749717	1280.02386727	1239.97766735
1781.000	51.52661972	1392.52456631	1299.66874925	1262.33732626
1781.500	50.97557017	1387.39973761	1320.56949355	1286.67398430
1782.000	50.65240809	1343.30005799	1336.33668659	1309.05082926
1782.500	50.39489983	1347.55295595	1349.54444127	1324.07263642
1783.000	50.16878312	1371.71912996	1363.43690515	1329.65646274
1783.500	50.34577379	1397.57699607	1374.30243212	1328.05751565
1784.000	50.55813981	1426.49940252	1375.32901822	1327.01567418
1784.500	50.57724359	1446.36496749	1367.64618508	1323.84849607
1785.000	50.19619973	1433.65662001	1352.65024974	1316.59836820
1785.500	49.80770614	1388.12770405	1333.56154588	1316.75342666
1786.000	49.39426367	1340.04380112	1327.35395869	1318.21390332
1786.500	48.99735035	1317.67686879	1329.64137918	1319.85468456
1787.000	47.93695681	1338.19199021	1333.38629036	1323.24907024
1787.500	47.53926969	1379.59581081	1355.55753051	1328.09713988
1788.000	47.82033119	1433.15391812	1366.74777008	1328.06502231
1788.500	48.06565701	1458.16948259	1368.34005755	1323.49947836
1789.000	48.31508036	1438.20884840	1354.85693379	1319.47661832
1789.500	48.59811656	1404.89623563	1338.86250325	1315.54971004
1790.000	49.00673053	1352.96931597	1331.70034199	1310.22760911
1790.500	49.40394221	1314.40933065	1313.53986121	1294.61812559
1791.000	49.80046156	1296.09152173	1289.51028764	1279.71847751
1791.500	50.20968536	1279.54190605	1268.44674289	1255.16437223
1792.000	50.56103033	1274.02843057	1230.76916209	1230.55805869
1792.500	50.64657360	1264.54370184	1211.57286330	1211.61856725
1793.000	50.83283395	1256.67661367	1193.97315520	1198.71476947
1793.500	50.71057741	1199.72895471	1173.16087320	1196.16796440
1794.000	50.20799795	1179.90557140	1174.36255036	1196.06488687
1794.500	49.79199136	1204.30517782	1189.51547881	1197.96221427
1795.000	49.56586433	1250.63516243	1208.78005000	1201.58074143
1795.500	49.28020588	1254.57112007	1216.18458327	1206.34910523
1796.000	48.50396358	1257.90884790	1223.93980875	1219.84912674
1796.500	47.14231401	1276.56227915	1247.85943610	1234.12957422
1797.000	46.00974848	1296.63032678	1261.02359491	1248.35071673
1797.500	45.06704130	1321.55877316	1272.46830735	1261.53827976
1798.000	44.39230125	1327.97428156	1283.77310095	1270.90469702
1798.500	44.05481348	1311.35831805	1299.28080188	1279.70826997
1799.000	44.20213791	1292.50484856	1314.51541216	1287.72802066
1799.500	44.50833540	1288.88165317	1321.38269740	1293.76056658
1800.000	44.91847145	1293.99745019	1325.19010253	1299.22216461
1800.500	45.32377575	1301.09813238	1329.77212519	1304.91817571
1801.000	46.02846601	1307.36141502	1333.04906937	1310.20993970
1801.500	46.77620323	1313.85419987	1336.13205997	1316.41889527
1802.000	48.17317248	1338.94796685	1345.70270912	1320.31497808
1802.500	48.89814271	1379.69003965	1356.46856133	1320.71790439
1803.000	49.66375764	1402.68034047	1363.16906130	1321.70230319
1803.500	50.20980850	1418.82988420	1367.93425586	1321.74413157

1804.000	50.58974403	1425.76466416	1364.88401547	1321.63175154
1804.500	51.00887072	1410.17047238	1358.56975341	1322.72967511
1805.000	51.35792167	1379.52066187	1352.31139660	1325.06419029
1805.500	51.40737825	1349.44789238	1349.89768123	1327.04159631
1806.000	51.37643547	1354.00368475	1351.23047834	1327.84238079
1806.500	51.44766505	1399.52960218	1352.03077785	1327.48044894
1807.000	51.59479300	1416.96350668	1352.75127238	1329.13477664
1807.500	51.72723704	1378.46600691	1354.99633262	1333.13307971
1808.000	51.94506687	1382.91558821	1368.01641674	1339.45851488
1808.500	52.14029410	1421.74530240	1386.24477656	1349.48411498
1809.000	52.33158978	1462.62921636	1404.78125039	1359.42068125
1809.500	52.55698817	1486.45436179	1413.34437106	1367.69725200
1810.000	52.53281913	1482.40174231	1417.50666722	1374.32950381
1810.500	52.38796212	1463.93809529	1422.18270240	1381.19189328
1811.000	52.12213671	1440.13750715	1424.29812629	1384.37335343
1811.500	51.49777371	1449.85563992	1423.78484914	1381.47164340
1812.000	51.04441045	1508.16358526	1422.70682083	1374.38280785
1812.500	50.59894487	1498.94010449	1410.64899544	1369.57057777
1813.000	50.14777957	1453.46517514	1392.36569766	1365.34700063
1813.500	49.72850633	1420.94812221	1375.98294733	1362.39951507
1814.000	49.46116309	1405.68979909	1363.06652904	1359.97197392
1814.500	49.23146232	1377.34351210	1360.77926333	1357.58688988
1815.000	48.50470295	1353.71532184	1361.70624132	1355.16806527
1815.500	47.98236220	1360.52632133	1373.85958265	1353.28069873
1816.000	47.62141884	1401.20352695	1388.06720418	1352.71976541
1816.500	47.10450464	1502.24989119	1387.54585043	1347.87092071
1817.000	46.84153649	1518.46440749	1381.87136572	1335.72023837
1817.500	46.84416060	1443.89657808	1368.48251101	1327.11137743
1818.000	47.22481471	1357.96272878	1352.57038670	1307.83140811
1818.500	48.26309099	1336.12206536	1334.58628867	1289.68218516
1819.000	48.97992570	1330.57161104	1298.75529618	1242.54375128
1819.500	49.51571857	1319.47593194	1230.70493990	1188.81426901
1820.000	49.62917682	1283.70365658	1150.11462842	1172.29753867
1820.500	49.55462994	1197.22904027	1105.69566150	1168.29583685
1821.000	49.34893361	1116.24220058	1112.37660834	1176.32960890
1821.500	49.21283348	1123.42238032	1097.43155603	1183.01454107
1822.000	49.74001173	1230.56845276	1278.05036455	1190.02279017
1822.500	50.03642010	1412.11706551	1267.81679696	1200.21029205
1823.000	50.85797660	1470.32752039	1281.77326231	1208.99845650
1823.500	51.59083494	1464.99521703	1289.15623711	1239.74263649
1824.000	51.71559945	1440.72318939	1303.19449926	1285.62511035
1824.500	51.83756037	1423.90993527	1337.95811507	1343.13692867
1825.000	51.58127459	1406.25274674	1375.59559521	1382.58480911
1825.500	51.37230370	1405.08843928	1395.33500931	1396.15899090
1826.000	51.40210530	1410.59851667	1390.47479130	1389.94004899
1826.500	51.38507965	1413.06745947	1368.94699910	1371.57037125
1827.000	51.42123967	1401.96089318	1357.18223429	1363.83982490
1827.500	51.79564329	1389.26920832	1353.48135375	1359.76706523
1828.000	52.04613477	1377.19990794	1354.72056482	1357.78723069
1828.500	52.34339043	1372.73862034	1361.64557923	1357.45462464
1829.000	52.39857403	1373.32744567	1369.16583065	1354.42032471
1829.500	52.38823301	1390.68515849	1369.65908395	1350.31634243
1830.000	52.36058651	1412.63521990	1367.81013337	1342.32511783
1830.500	51.96602855	1424.74695103	1364.99612052	1334.97291236
1831.000	51.21056530	1416.35501717	1359.68951445	1326.67429356
1831.500	50.82055176	1389.11346055	1350.34756777	1319.81269453
1832.000	50.18063833	1366.31167652	1327.02223173	1306.68646692
1832.500	49.74742970	1349.54369963	1305.37830876	1288.31427895
1833.000	49.82261870	1343.86378250	1276.30842006	1271.26082632
1833.500	49.85272192	1303.13584987	1257.61656412	1257.49683785
1834.000	50.25719692	1243.63997267	1249.56708878	1248.42219977
1834.500	50.79964846	1228.71470161	1246.61983938	1247.50083456
1835.000	51.89461058	1262.05159291	1251.48370907	1255.00850408
1835.500	52.63213751	1323.65818348	1259.58449014	1265.66156338
1836.000	52.96176024	1333.13842125	1279.15006585	1276.69765442

1836.500	53.39262179	1350.32926111	1316.92066457	1288.92902245
1837.000	53.78010008	1392.42500462	1327.57341904	1301.74019687
1837.500	54.17405705	1427.96379454	1345.05703034	1312.44835729
1838.000	54.59921961	1419.41081797	1356.48616608	1321.30402216
1838.500	54.79330469	1396.71578988	1359.32898057	1329.72376594
1839.000	54.78462634	1374.75947750	1360.11351561	1335.52213124
1839.500	54.61684116	1357.33876213	1359.52853579	1335.98154437
1840.000	54.03725744	1362.43701870	1355.87316791	1333.51259275
1840.500	53.46007749	1392.28973384	1350.48096748	1327.48513753
1841.000	52.94269049	1404.44714554	1340.87866338	1321.12950206
1841.500	51.84387916	1386.27210718	1330.95832557	1316.20185411
1842.000	49.90796219	1364.11079317	1333.35892509	1316.41010502
1842.500	48.39106441	1368.52761151	1335.29220589	1317.41206282
1843.000	46.88960166	1379.32320532	1335.37995386	1318.08534575
1843.500	45.48083909	1386.56455068	1333.29883108	1314.27223569
1844.000	44.82161411	1385.41507546	1330.64430583	1310.83125834
1844.500	44.54431064	1377.23790972	1326.30061661	1310.38274668
1845.000	44.55233301	1367.26616398	1323.73707028	1309.73902866
1845.500	44.81449319	1361.24163516	1327.72959339	1311.21710310
1846.000	45.22789704	1364.76143217	1336.70063667	1311.02060148
1846.500	45.60781488	1384.20929234	1335.77001975	1308.76744653
1847.000	46.17008531	1402.95725346	1331.61861660	1306.33326363
1847.500	46.75853446	1385.48656846	1323.98388920	1306.38724744
1848.000	47.42290939	1357.55704881	1315.65349889	1308.05726515
1848.500	48.16959635	1346.30811547	1315.65644576	1309.36409521
1849.000	48.78097110	1357.21717511	1315.75478743	1310.73270107
1849.500	49.17450223	1374.04410424	1315.31807239	1312.21516747
1850.000	49.25145293	1367.81074158	1317.77858567	1313.95497967
1850.500	48.81378806	1357.51460360	1322.51000625	1324.42203351
1851.000	47.63516028	1372.60188186	1342.86595232	1330.33574125
1851.500	46.82332208	1450.40658837	1375.77139598	1329.51320950
1852.000	46.01407609	1516.94347929	1380.40090447	1329.87146740
1852.500	45.28057277	1474.98977736	1378.13330686	1329.74980243
1853.000	45.22800957	1403.90212213	1372.12570796	1329.65211741
1853.500	45.19358181	1408.71623897	1360.88107669	1330.03215248
1854.000	45.45401227	1396.56716598	1344.18497321	1326.86808378
1854.500	46.03626862	1346.76908664	1335.52467544	1318.94778834
1855.000	46.41687269	1360.35772263	1335.86875729	1310.64408686
1855.500	46.80466275	1412.20284121	1335.33475369	1310.29155609
1856.000	47.37338402	1395.25512038	1331.74241269	1311.05860493
1856.500	47.80742320	1351.40252698	1333.91132338	1315.57359801
1857.000	48.37176571	1368.32137163	1340.39915767	1323.71401885
1857.500	48.64584870	1418.79403488	1351.96857488	1330.45284225
1858.000	48.59072235	1431.76544245	1360.41833681	1338.29054917
1858.500	48.62190724	1411.65607764	1368.27300250	1343.13619159
1859.000	48.59304044	1423.22047752	1376.77650717	1345.00035126
1859.500	48.71544045	1437.35794555	1382.01880572	1345.44404028
1860.000	49.04217429	1429.21024614	1377.61534874	1339.74682858
1860.500	49.38165693	1402.68421225	1359.37814684	1327.26935424
1861.000	49.82197840	1377.37142337	1350.79730332	1314.44552303
1861.500	50.05486445	1364.36816964	1334.14703705	1295.27020322
1862.000	50.37073478	1362.66547903	1310.32383813	1276.82490287
1862.500	51.03501004	1333.25954429	1274.36855386	1258.39527236
1863.000	51.35715572	1280.60367931	1244.08629801	1244.78300675
1863.500	51.94923614	1235.69746148	1220.78843109	1231.69150293
1864.000	52.38704914	1213.10141475	1204.62760642	1218.04692187
1864.500	52.91017262	1209.64771770	1193.09284513	1206.47631908
1865.000	53.57669679	1209.09776253	1183.50432234	1190.51805374
1865.500	54.37424536	1212.38117600	1176.91128680	1181.88410117
1866.000	55.17619402	1215.46782991	1175.21835936	1180.65779213
1866.500	55.93679600	1215.69658848	1176.69183714	1178.18152347
1867.000	56.47085437	1190.52328179	1179.43643460	1176.20482843
1867.500	56.76521715	1182.26593677	1183.40649417	1175.97103850
1868.000	57.13750281	1183.43397876	1188.76940786	1178.12162577
1868.500	57.15894927	1196.84631137	1190.69885490	1178.71712539

1869.000	57.18129566	1208.05921940	1188.93500375	1171.63545524
1869.500	56.97936605	1207.72238613	1176.19005093	1159.49506213
1870.000	56.51012924	1198.03693615	1159.10934884	1145.68789901
1870.500	56.01780653	1178.23469023	1144.42781635	1131.92502684
1871.000	55.57458151	1134.24964174	1119.75030988	1119.65013105
1871.500	55.02699130	1095.98344522	1089.63744479	1109.20996413
1872.000	54.43055807	1084.52625611	1073.82218265	1098.15343935
1872.500	53.77795608	1073.68522028	1063.50629892	1086.91983815
1873.000	53.11278181	1071.14453601	1063.44776828	1081.70408301
1873.500	52.56060564	1073.91916585	1063.22606887	1084.06855796
1874.000	52.23953562	1092.95765558	1096.82985762	1088.54300456
1874.500	51.97717577	1141.59505695	1146.77097830	1112.73946196
1875.000	51.75843516	1230.43268460	1192.48277425	1153.66978165
1875.500	51.81889502	1308.97465908	1233.85773304	1190.00087983
1876.000	52.18477461	1362.78521025	1269.12695346	1228.49138243
1876.500	52.55725771	1387.77487045	1304.70657074	1269.78230439
1877.000	53.18149842	1410.66037022	1335.21224550	1310.27859086
1877.500	53.79468010	1424.25408928	1366.27741915	1345.69117958
1878.000	54.17966306	1422.43778221	1392.14500651	1380.68246572
1878.500	54.54889012	1416.34896339	1400.67455566	1397.13790238
1879.000	55.28403702	1416.63716270	1397.73534155	1390.32544832
1879.500	55.62703392	1420.03455186	1391.17947313	1372.49464677
1880.000	55.62711418	1427.46194258	1381.57552779	1359.50142375
1880.500	55.75829428	1428.27867456	1372.99652858	1346.66881588
1881.000	55.62543410	1419.90757014	1364.25412984	1333.68127592
1881.500	55.39357356	1411.41923603	1354.50201982	1321.06825507
1882.000	54.90851257	1401.23741992	1336.95202112	1307.37899775
1882.500	54.40488328	1380.16667012	1320.27918769	1294.98627758
1883.000	54.20040383	1356.24551435	1301.71627072	1284.89345649
1883.500	53.74233116	1331.11422768	1291.64066129	1273.71966546
1884.000	53.59031831	1325.05147253	1281.88753565	1264.31804738
1884.500	53.87751269	1325.79458722	1271.17281956	1260.55249543
1885.000	54.35772366	1309.88118378	1262.99663296	1261.09707530
1885.500	54.91449456	1279.69331276	1265.65965204	1265.90620386
1886.000	55.38555182	1274.23410360	1278.37543918	1270.27035967
1886.500	55.74436788	1288.73861340	1288.87002613	1275.43157781
1887.000	56.31794753	1326.52982464	1299.67766739	1282.19604001
1887.500	56.76887909	1356.82733872	1307.87410915	1290.42842362
1888.000	57.16164995	1359.51908455	1315.58837109	1298.30022068
1888.500	57.52159978	1356.65032292	1323.06729157	1305.92770234
1889.000	57.59713045	1354.43378345	1327.77286959	1305.81010458
1889.500	57.81616779	1352.32212828	1319.46436450	1287.19614216
1890.000	57.96335873	1349.38962625	1302.01015443	1266.32746893
1890.500	57.94559289	1327.01446443	1273.02195752	1246.05589174
1891.000	57.96221885	1279.54172754	1237.51496149	1222.96179051
1891.500	57.93478438	1223.07810004	1207.36081342	1203.03355879
1892.000	58.10609798	1193.38456388	1178.91748532	1181.58523110
1892.500	58.15230623	1192.60022945	1146.70079714	1162.84858623
1893.000	58.18660337	1168.12893324	1132.21126856	1152.44629491
1893.500	58.40086847	1143.25111895	1137.28475888	1146.39502120
1894.000	58.72678695	1159.96038835	1159.99064133	1148.10811331
1894.500	59.16570482	1239.04222808	1169.94153134	1151.44217793
1895.000	59.38810035	1266.78306724	1170.14974288	1157.57884620
1895.500	59.73819139	1228.73780455	1180.17324921	1177.76435281
1896.000	60.11110978	1212.92257848	1203.03145450	1196.56528263
1896.500	60.14972167	1253.47344225	1221.29313979	1215.49838894
1897.000	60.12732136	1298.04787784	1243.50228027	1233.86125693
1897.500	60.19314783	1318.72453285	1269.21513742	1253.59098415
1898.000	60.34878874	1333.46672507	1289.42067499	1272.35766225
1898.500	60.34293096	1345.37229484	1310.33844544	1292.31220447
1899.000	60.30073671	1348.70930635	1328.64058873	1307.40707096
1899.500	60.09404417	1377.34794191	1344.20913607	1318.33994244
1900.000	59.90303593	1438.91239592	1362.24003923	1325.59390601
1900.500	59.67046049	1458.02895818	1371.11562317	1323.31271491
1901.000	59.52479278	1425.48552596	1357.44605652	1316.96844761

1901.500	59.56148670	1393.52992029	1336.01117678	1313.45274394
1902.000	59.48601793	1360.97943812	1323.83433969	1313.78126766
1902.500	59.33728975	1319.98180687	1324.27821023	1314.13766932
1903.000	59.33526819	1325.83162336	1332.04307355	1315.35385005
1903.500	59.38997765	1364.57090993	1344.63422008	1316.36990406
1904.000	59.55660130	1431.86923336	1364.43877219	1317.70969735
1904.500	59.53679740	1496.28579560	1381.25046776	1323.25307973
1905.000	59.54352866	1481.60513651	1386.05744566	1330.90626807
1905.500	59.67191520	1440.47005147	1387.91360702	1338.41341693
1906.000	59.84692938	1420.86433106	1382.43544748	1345.20717656
1906.500	59.89901263	1400.92551954	1373.54315979	1345.63538278
1907.000	59.72833946	1385.32853174	1357.80320177	1337.78946859
1907.500	59.73469982	1376.52021653	1343.04111736	1329.11977452
1908.000	59.41582881	1355.13744329	1331.21599263	1322.02128153
1908.500	59.28277657	1344.47218611	1327.08812275	1315.68766278
1909.000	59.11250414	1349.15780489	1324.22365466	1309.02174649
1909.500	58.73668433	1349.78596510	1323.77887167	1304.30051738
1910.000	58.52372683	1351.73507631	1328.27430205	1302.25990680
1910.500	58.55811233	1361.82258354	1332.56294974	1298.74681210
1911.000	58.53491835	1384.25772473	1329.05893399	1287.54935463
1911.500	58.58142181	1390.09247543	1322.28505728	1274.94154357
1912.000	58.93596966	1370.85140587	1293.10964743	1258.79803970
1912.500	59.34943621	1318.51806896	1254.91371165	1245.49263242
1913.000	59.70676256	1249.35248902	1244.03173068	1236.88634763
1913.500	59.87142281	1203.75943106	1243.09407611	1234.13259169
1914.000	60.14735527	1225.90951745	1245.77161327	1234.47195565
1914.500	60.49000364	1315.42783403	1251.40215974	1228.85021476
1915.000	60.72966186	1364.15789629	1249.74431391	1221.42938695
1915.500	61.01152080	1352.26655894	1244.67918109	1225.21318303
1916.000	61.14127029	1296.49044616	1239.76150490	1234.92567519
1916.500	61.13224728	1235.97299949	1241.17373323	1249.64725901
1917.000	61.14945299	1250.24048202	1267.85514416	1264.31268925
1917.500	60.96609451	1335.06490029	1300.29416149	1279.61296665
1918.000	60.48452280	1408.05740458	1321.19813973	1287.95050822
1918.500	59.82798827	1440.95655823	1337.77287648	1292.23824071
1919.000	59.43037468	1448.11655397	1351.78481738	1303.50378321
1919.500	58.71220569	1445.76555797	1367.08356193	1316.96498145
1920.000	58.30874366	1417.53911473	1381.93859217	1346.87298747
1920.500	58.36563081	1406.79316898	1394.60672192	1367.24280891
1921.000	58.33059392	1423.44360289	1411.27344454	1383.20704599
1921.500	58.48634505	1465.40453344	1424.68837121	1399.90448675
1922.000	58.73317547	1483.59491221	1428.17586962	1416.17680982
1922.500	59.15736396	1475.42004919	1428.39106073	1437.86986361
1923.000	59.40108814	1465.53413731	1430.92732373	1460.38431548
1923.500	59.69304038	1462.86348867	1437.61927132	1490.15449025
1924.000	59.77050760	1461.95513919	1442.62775798	1524.88628567
1924.500	59.68651557	1468.45947609	1449.86665555	1535.06685028
1925.000	59.54591139	1469.08138839	1447.17382065	1524.31616872
1925.500	59.41032566	1461.05217191	1426.67956546	1499.87173143
1926.000	59.19592747	1436.15610118	1382.04506235	1450.28409171
1926.500	58.97225710	1395.91102499	1324.00913680	1393.36277711
1927.000	58.40309016	1314.38626002	1266.64730325	1339.99764940
1927.500	57.80576640	1242.65256880	1217.29795573	1287.36150119
1928.000	57.20233953	1246.14918877	1181.12037542	1231.96562485
1928.500	56.71356939	1249.15348522	1140.94249225	1162.82070617
1929.000	55.99527029	1207.52032881	1086.00428650	1090.14652321
1929.500	55.58520261	1144.21071801	1013.49733384	1030.02419078
1930.000	55.19962793	1071.96141371	953.94640164	1004.00302588
1930.500	54.81076168	1000.63433689	916.96073855	1004.97420358
1931.000	54.73399531	943.43574008	927.05189517	1016.86610131
1931.500	54.97771162	971.03738715	977.14796612	1034.96870239
1932.000	55.88273896	1044.43807460	1027.01684195	1049.73131922
1932.500	56.99161177	1417.65663883	1066.14099769	1086.85827491
1933.000	58.37553566	1410.89320757	1102.29646007	1114.22875293
1933.500	59.49383921	1377.32932215	1165.98304721	1141.68371368

1934.000	60.37307237	1374.61818544	1245.40747636	1237.25063317
1934.500	60.94633082	1371.97559579	1296.83578139	1351.46166457
1935.000	61.34774880	1357.74300987	1347.95880497	1460.73323638
1935.500	61.58948887	1345.95306183	1345.06541178	1449.25119135
1936.000	61.92923916	1334.31048110	1330.80984718	1378.94017053
1936.500	62.18237452	1328.81706391	1294.37689713	1305.89751607
1937.000	61.93276954	1322.92869199	1247.65874765	1248.14324597
1937.500	61.64876685	1303.99809757	1206.14988394	1217.15848363
1938.000	60.98570971	1218.16546053	1179.98768900	1186.04102288
1938.500	60.50506343	1183.07322372	1181.10924267	1183.83695961
1939.000	59.70087375	1187.83001985	1188.83029601	1187.48100178
1939.500	58.75005295	1222.74864195	1203.75181230	1192.34463636
1940.000	58.41070346	1272.23195937	1223.18942057	1196.33892076
1940.500	58.09792575	1357.27187424	1246.51018303	1207.41733051
1941.000	57.92052311	1435.20878512	1269.05478366	1231.14242009
1941.500	58.12356059	1407.31561389	1288.42423004	1257.38196410
1942.000	58.69660163	1382.66782690	1302.50762502	1288.56957504
1942.500	59.16142079	1363.51541574	1318.23897357	1313.40099427
1943.000	59.50122740	1346.34663822	1343.45582902	1335.81535224
1943.500	59.68661264	1333.54374435	1356.47481237	1355.23416177
1944.000	59.93429438	1336.33193771	1359.72166359	1358.56337802
1944.500	60.33082989	1353.37917540	1347.11434039	1350.82904203
1945.000	60.29442123	1381.79162691	1331.34752964	1341.20317646
1945.500	60.11450534	1396.37278464	1308.31108318	1330.85675149
1946.000	59.70289255	1398.63461978	1266.85168474	1298.21112288
1946.500	59.01525761	1370.31563989	1211.72919744	1243.36317655
1947.000	58.27610193	1286.69235853	1161.11449965	1198.97919287
1947.500	57.06985850	1197.69042711	1113.50461794	1163.49292987
1948.000	56.28088466	1143.12177735	1087.61733516	1136.56527494
1948.500	55.79297786	1110.55001598	1085.11159277	1127.67993715
1949.000	55.72769412	1101.56536147	1084.72369990	1123.14783207
1949.500	56.00374978	1097.82150408	1093.01212798	1122.67888637
1950.000	57.12080649	1121.83551128	1112.82335951	1127.04377418
1950.500	57.94654929	1192.63548217	1126.36605731	1153.20022432
1951.000	58.75816325	1236.72098218	1151.71749007	1182.88429351
1951.500	59.39414078	1248.52226623	1180.40117112	1212.09408568
1952.000	60.00106111	1294.77320649	1222.66100840	1241.54978859
1952.500	60.56247070	1384.44968435	1262.19211190	1270.73480627
1953.000	61.49003710	1425.67223640	1297.51860793	1300.28091530
1953.500	62.17456005	1413.89533170	1334.40921598	1328.99850962
1954.000	62.37725455	1407.25235622	1356.00688731	1352.81021513
1954.500	62.55087776	1398.25875541	1370.47334129	1364.34343738
1955.000	62.50729371	1391.89414080	1374.71399309	1363.37542185
1955.500	62.68473997	1387.77704259	1371.69394365	1360.19932747
1956.000	62.73322829	1383.74992018	1365.34011800	1355.62422472
1956.500	62.73212840	1379.48989506	1362.66537532	1352.24720274
1957.000	62.58580244	1386.28446898	1360.45262757	1345.58921619
1957.500	62.37702731	1402.27360936	1359.89865955	1341.35376583
1958.000	62.14483962	1412.26514790	1363.90871499	1341.91161347
1958.500	61.81072407	1424.64288792	1367.53423449	1341.70592865
1959.000	61.47895407	1436.43081730	1369.01327537	1340.95581187
1959.500	61.17133515	1431.95226467	1369.52839965	1339.24469709
1960.000	61.12482116	1421.38355238	1367.35317033	1337.84742477
1960.500	61.12478729	1408.93912203	1364.13751282	1336.44694226
1961.000	61.17133238	1396.83373514	1359.18177846	1335.08053499
1961.500	61.47763688	1384.81992466	1354.21745319	1333.65201331
1962.000	61.71306034	1381.31046372	1348.82036123	1332.27870781
1962.500	62.14035021	1378.93878886	1343.80628612	1330.81844302
1963.000	62.48434823	1376.38692457	1338.52958920	1329.51027888
1963.500	62.56999498	1373.76998623	1336.87736908	1327.91440885
1964.000	62.88441375	1369.39788264	1335.96809010	1326.86024886
1964.500	62.93587868	1364.45812919	1335.72005846	1322.18793301
1965.000	62.91574730	1364.03757693	1334.28896694	1312.46884961
1965.500	62.93880377	1373.54185807	1327.07856797	1303.25448499
1966.000	62.77610110	1381.40146197	1312.49240347	1294.07241686

1966.500	62.58466830	1378.47173598	1285.57240699	1279.34931970
1967.000	62.32692511	1325.89025125	1262.65406950	1277.87077874
1967.500	62.06280695	1237.66088522	1255.13999273	1279.85234137
1968.000	61.88031894	1261.74107254	1269.27947255	1275.07964483
1968.500	61.70206732	1339.15212286	1294.49574000	1266.23750081
1969.000	61.87876360	1374.94452288	1294.63284585	1258.76853424
1969.500	61.96452095	1375.78438340	1289.11671988	1250.39903379
1970.000	62.27828427	1372.65241205	1275.87539257	1243.82905964
1970.500	62.58026828	1329.80699881	1248.60116544	1240.35412631
1971.000	62.92987428	1271.40535379	1224.39911915	1241.19896283
1971.500	63.27220551	1216.57177975	1214.78330580	1245.54915542
1972.000	63.51268076	1196.56836044	1227.69818891	1249.35059981
1972.500	63.79271497	1246.63196802	1249.03496231	1253.36222673
1973.000	63.92734058	1306.14478020	1270.82022113	1258.13326187
1973.500	63.78430626	1384.94818054	1293.01812789	1271.64290098
1974.000	63.65678867	1406.39470814	1315.11214172	1288.38476175
1974.500	63.51851934	1415.95714932	1351.58160620	1311.34111342
1975.000	63.39394586	1425.50124681	1371.54335599	1335.48602650
1975.500	63.12351433	1423.87994858	1380.06953623	1350.04293058
1976.000	62.72607330	1415.36663116	1378.07920205	1345.86715297
1976.500	62.31801548	1410.39728319	1357.34288989	1332.94251820
1977.000	62.06297820	1391.59619991	1330.01500704	1320.62192179
1977.500	61.88721508	1355.58234666	1308.66841084	1307.82875055
1978.000	61.66148824	1309.21623148	1290.75011187	1295.13688420
1978.500	61.52887273	1281.78681645	1289.47033468	1291.90001889
1979.000	61.51400753	1295.04659672	1293.13008755	1293.15949810
1979.500	61.70361623	1343.99371902	1301.29425640	1293.59193202
1980.000	62.01882290	1363.21339990	1307.97173273	1293.94131850
1980.500	62.22740306	1363.50078082	1315.97329420	1297.39722932
1981.000	62.38283933	1365.96006540	1322.84493670	1303.45484280
1981.500	62.66870652	1380.56407650	1330.26523891	1311.39664262
1982.000	62.76400219	1382.01116655	1337.10419400	1319.24181473
1982.500	62.51730941	1369.05611008	1338.28496761	1325.52066586
1983.000	62.31569289	1368.24917258	1338.54289339	1326.76881592
1983.500	62.19307306	1374.74077819	1339.01173505	1327.59718371
1984.000	62.10419262	1382.19949651	1339.41228923	1328.57511164
1984.500	62.14936483	1389.55721786	1339.73968699	1329.23590615
1985.000	61.97948560	1395.26549349	1339.74019643	1331.47515728
1985.500	61.88527450	1385.14060234	1339.95870656	1334.81576442
1986.000	61.54310729	1362.51413722	1344.19823800	1338.05176774
1986.500	61.12050942	1355.66530848	1350.21410299	1340.31160640
1987.000	60.77368944	1374.67397521	1355.51753917	1340.60602937
1987.500	60.59288295	1389.22945581	1360.42294350	1341.84117149
1988.000	60.46979208	1373.76410020	1361.37235860	1339.08406497
1988.500	60.33316809	1351.27054083	1353.41140290	1333.82440574
1989.000	60.32326740	1345.20665974	1348.94637569	1329.39133275
1989.500	60.50533518	1345.99295764	1345.34193614	1326.64720040
1990.000	60.84952954	1343.86427832	1341.51731830	1324.58824168
1990.500	61.01788826	1338.24094955	1337.77797608	1321.06609823
1991.000	61.48096444	1336.83058615	1333.97991073	1317.47099860
1991.500	62.03269241	1341.70332448	1332.32704673	1313.97908297
1992.000	62.34517382	1365.33834676	1330.90596961	1313.59281037
1992.500	62.53542514	1379.40627084	1329.32286774	1313.60904522
1993.000	62.66970077	1372.54094480	1324.92910348	1313.77576696
1993.500	62.74032832	1354.84546700	1321.27688604	1315.32632884
1994.000	62.72852155	1329.99597485	1326.24746161	1318.47267538
1994.500	62.58785134	1324.55008627	1330.59011011	1319.90463311
1995.000	62.47731303	1340.34138836	1343.77367282	1330.60366630
1995.500	62.14404785	1358.66943585	1363.67135447	1349.31919588
1996.000	61.71360160	1393.23773289	1382.06408496	1362.09717353
1996.500	61.47468214	1422.96877101	1398.98816919	1367.79989871
1997.000	61.18056710	1431.21956444	1403.90722838	1367.90442807
1997.500	60.98172526	1438.73667930	1399.36813921	1366.30060077
1998.000	60.90000166	1416.92962313	1395.81383256	1352.54742836
1998.500	61.12666316	1382.67883239	1368.27335131	1335.07906775

1999.000	61.39070514	1360.52280758	1332.51028670	1319.24526427
1999.500	61.70324030	1343.28719664	1302.44854710	1302.51136318
2000.000	62.25346440	1313.44119702	1282.81932818	1287.04650753
2000.500	62.46319913	1250.39462614	1277.86684109	1275.54784556
2001.000	62.73487208	1237.95771792	1271.03094001	1267.34701711
2001.500	62.94724780	1275.38688188	1274.52384463	1265.30157373
2002.000	62.91950489	1315.52497942	1277.34214504	1265.50186839
2002.500	62.90166473	1316.87148805	1281.71951505	1266.86796100
2003.000	62.65200255	1318.06351718	1287.41128082	1274.43240328
2003.500	62.42025123	1334.44706535	1297.79988857	1289.31235696
2004.000	62.05642996	1347.99649255	1313.01390976	1302.65208605
2004.500	61.60062746	1350.70692615	1328.27851822	1316.04539768
2005.000	61.13552002	1365.25097284	1344.49279497	1329.72245186
2005.500	60.66055085	1386.44793840	1356.45547100	1342.39556713
2006.000	60.31870374	1394.87071484	1365.01084004	1354.47709870
2006.500	59.80687028	1399.26979456	1371.76536124	1360.94707232
2007.000	59.38448216	1409.54446631	1373.48365926	1361.90489626
2007.500	59.33749550	1414.05203590	1370.89499368	1360.05447190
2008.000	59.33577862	1407.50902647	1366.60414809	1349.37491615
2008.500	59.49421392	1363.60191275	1352.69799466	1338.65567887
2009.000	59.55714912	1309.63087004	1338.54654724	1328.55753536
2009.500	59.54575968	1298.40294362	1324.33966154	1318.50277020
2010.000	59.54672345	1343.70377122	1312.72009316	1308.04448632
2010.500	59.41364321	1334.87063305	1306.60789207	1300.48925138
2011.000	58.33178300	1290.90729043	1311.80854833	1299.24665986
2011.500	57.15520925	1303.37811546	1317.98222242	1309.14480962
2012.000	56.26363591	1385.64945435	1332.92362348	1317.91538879
2012.500	54.98403491	1450.03713107	1355.07907535	1321.83899027
2013.000	53.86373408	1459.51772192	1374.50966937	1319.07553598
2013.500	53.10572709	1454.35818660	1374.57657768	1312.21080127
2014.000	52.49889458	1445.28942424	1346.53632243	1289.28181253
2014.500	52.82574423	1424.12514967	1299.26167841	1261.69023901
2015.000	53.89205052	1371.69432313	1248.87088634	1249.04299215
2015.500	54.82031236	1224.83296942	1203.07273651	1237.08931126
2016.000	55.72473679	1142.13414974	1195.82020345	1231.26619069
2016.500	56.84424204	1161.06982904	1201.16595540	1228.74676620
2017.000	57.68119336	1263.63151923	1230.99888657	1227.10830629
2017.500	58.90722370	1368.48974778	1258.09368314	1230.94030151
2018.000	59.17395206	1392.35148885	1283.64419332	1250.92450680
2018.500	59.14549193	1401.71510918	1309.90610330	1276.36014409
2019.000	59.14302876	1405.22613759	1335.24331752	1299.70971953
2019.500	59.19620503	1403.91872684	1357.58755294	1325.77832361
2020.000	59.36294141	1382.98075097	1367.51489628	1340.57275302
2020.500	59.34320932	1376.46607945	1368.02643428	1336.18720002
2021.000	59.34995088	1382.18719176	1356.19512076	1317.34346869
2021.500	59.35389114	1377.33540914	1328.34069431	1300.44279514
2022.000	59.31357330	1362.95700715	1294.71920407	1283.83942507
2022.500	59.09203686	1268.53369207	1263.79845707	1280.47762839
2023.000	58.79332800	1226.14348924	1254.39908654	1284.52773458
2023.500	58.02328770	1239.34394406	1261.93563638	1288.92189547
2024.000	57.10685869	1342.52863914	1293.06680305	1293.09704494
2024.500	55.98019345	1414.51705478	1328.03536570	1294.37782132
2025.000	54.85044937	1425.38311608	1346.86808341	1295.77074595
2025.500	53.61387714	1447.25375169	1350.56888453	1297.32570945
2026.000	52.74648037	1444.18904194	1344.19675366	1297.08564798
2026.500	52.18457226	1406.68650168	1330.30041054	1295.39319049
2027.000	52.21015882	1357.93373105	1304.91489652	1290.79960456
2027.500	52.58480090	1293.19871083	1281.13933542	1285.29119357
2028.000	53.41636256	1234.39518183	1260.19337046	1280.10350797
2028.500	54.53068297	1230.14805250	1250.77345631	1273.97080440
2029.000	55.97241886	1267.68430938	1257.98220401	1269.42131279
2029.500	57.26690743	1314.25251771	1270.14584753	1267.14480302
2030.000	58.77237125	1377.61148274	1282.89581019	1269.12852083
2030.500	59.42746973	1372.81657451	1298.52711147	1280.55629256
2031.000	60.07111012	1352.08013212	1309.88540323	1292.56382353

2031.500	60.14894787	1337.49179902	1317.67607264	1300.92765339
2032.000	60.30099105	1339.40568119	1319.87497657	1302.48583212
2032.500	60.31430834	1337.84143672	1319.96000204	1303.07512328
2033.000	60.10086255	1320.54294408	1309.43740992	1295.80148598
2033.500	59.72112892	1317.41763252	1293.59728111	1281.47359214
2034.000	58.98600695	1316.01832804	1281.00956134	1269.49673807
2034.500	58.40623165	1311.90499427	1263.50195054	1264.44907711
2035.000	57.92373970	1278.17836109	1256.52379853	1258.63226942
2035.500	57.71681915	1231.14128645	1255.46820839	1255.31481891
2036.000	57.35264733	1247.25857822	1257.12934645	1255.59178903
2036.500	57.00302665	1297.69906565	1263.33746827	1255.69018524
2037.000	56.79912414	1325.07840474	1272.89825778	1260.27701441
2037.500	56.76405629	1330.66322046	1282.69812859	1267.11756417
2038.000	56.48869810	1337.74995614	1291.91452474	1274.21936921
2038.500	56.02352157	1356.51135146	1298.32715902	1280.79943590
2039.000	55.27558643	1347.38092076	1299.82040775	1287.31181059
2039.500	54.57198401	1314.07090350	1299.70567390	1291.58495062
2040.000	53.79052502	1298.46816899	1299.78438873	1290.97149622
2040.500	53.55606722	1303.06273749	1299.66803109	1290.45834073
2041.000	53.58199725	1317.50462755	1297.80077412	1289.47867059
2041.500	53.58209934	1331.00664051	1295.39462252	1282.02937525
2042.000	53.40862048	1332.41027550	1291.10409604	1273.65132086
2042.500	52.81903962	1314.30067560	1282.37393750	1263.98841681
2043.000	52.46434935	1300.59804084	1274.62715989	1257.58961253
2043.500	52.01668283	1288.58557101	1259.56706386	1237.44526247
2044.000	51.96516766	1276.81957625	1229.09272017	1209.45942760
2044.500	52.14252861	1261.35685006	1198.17888035	1183.00832235
2045.000	52.76677351	1214.34863908	1171.28372912	1175.79042601
2045.500	53.69003071	1145.37266218	1151.66045068	1172.93012587
2046.000	55.06339801	1122.07967721	1149.24522758	1171.46651841
2046.500	56.86083119	1159.72567994	1164.20755232	1172.60691725
2047.000	58.35168348	1226.89898661	1184.67145659	1175.95382129
2047.500	59.58123248	1276.24868094	1194.92924229	1182.33006078
2048.000	60.37372620	1288.20036740	1207.25280500	1191.50199268
2048.500	60.77116883	1286.60975490	1221.53557364	1207.18648987
2049.000	61.37173108	1281.89180614	1239.94051985	1223.31709737
2049.500	61.68965261	1277.42737045	1247.15883700	1237.03192788
2050.000	61.75226410	1276.03566041	1249.81296254	1242.91759173
2050.500	61.57145653	1277.96408591	1249.61774294	1246.32972319
2051.000	61.41144153	1275.69246771	1249.51951764	1247.38405125
2051.500	61.06185358	1264.49830253	1251.25064347	1249.04048150
2052.000	60.58512718	1254.67443866	1255.13412338	1249.88235129
2052.500	60.20589764	1253.08653769	1258.47963165	1250.33087256
2053.000	59.83945725	1264.04385098	1263.08566741	1250.77515279
2053.500	59.75744478	1295.17817680	1265.39514938	1251.26402414
2054.000	59.70689929	1323.47827194	1264.03437654	1251.40771700
2054.500	59.93797431	1316.43591138	1257.71376192	1249.07545790
2055.000	60.18480981	1295.82088056	1249.81306240	1247.16768496
2055.500	60.55757410	1279.10564496	1242.89233188	1242.31177858
2056.000	61.19868698	1260.88636466	1236.05773769	1233.29070872
2056.500	61.74395155	1241.71452996	1228.11684482	1224.22994829
2057.000	61.98448788	1223.64875315	1219.34915898	1215.30778602
2057.500	62.18491242	1205.24757268	1214.79237637	1205.94568940
2058.000	62.34068895	1203.64069387	1209.70518708	1197.66928663
2058.500	62.32363675	1220.02378818	1203.33903040	1185.26483018
2059.000	62.33470879	1242.92943135	1192.05747400	1169.41535011
2059.500	62.31550089	1249.25394832	1170.42840974	1154.92590909
2060.000	62.19660912	1225.94241445	1149.85633600	1138.98875190
2060.500	61.99277653	1134.18621044	1140.62317720	1135.85122878
2061.000	61.87166503	1103.31007369	1135.28703918	1134.91461850
2061.500	61.43378410	1101.14400171	1135.78433009	1133.40002553
2062.000	60.73603746	1153.71899548	1137.14494494	1135.65277670
2062.500	60.74054492	1210.64414283	1139.21611006	1138.37528929
2063.000	60.73117076	1238.35516554	1146.67719129	1142.44080681
2063.500	60.72531333	1220.71722197	1158.27673536	1156.52766843

2064.000	60.77684392	1191.22272857	1174.82549031	1171.23769417
2064.500	61.07556251	1186.73180401	1191.42512861	1185.64039487
2065.000	61.32361035	1220.66553431	1207.86756044	1200.43247029
2065.500	61.72730779	1274.01743588	1224.53983913	1213.16059726
2066.000	62.14410337	1295.80326801	1239.99727850	1218.59267809
2066.500	62.34707580	1305.09325031	1247.99754797	1223.24702115
2067.000	62.32172070	1310.48628772	1250.99737567	1226.25727293
2067.500	62.33067883	1308.48250562	1246.24673329	1229.19631770
2068.000	62.33455737	1296.25343823	1242.87208115	1232.08630363
2068.500	62.29131120	1240.41003936	1244.86549958	1235.49769406
2069.000	62.07343169	1211.52927519	1247.47894535	1239.46298400
2069.500	61.88669958	1246.57922158	1248.42830872	1243.30022463
2070.000	61.49593869	1314.44386953	1254.67025407	1247.21080741
2070.500	60.96656321	1340.03793281	1266.20799706	1251.15181709
2071.000	60.58569184	1339.61394951	1280.36490188	1256.11555788
2071.500	60.34042089	1338.84352264	1289.29658522	1262.24866710
2072.000	59.97085327	1335.44017163	1295.02099572	1269.06371166
2072.500	59.79345849	1328.20358744	1295.65568342	1271.96676798
2073.000	59.70990431	1322.05285628	1288.82963432	1270.05652724
2073.500	59.92014424	1320.41059069	1275.41794132	1262.30653476
2074.000	60.35135409	1319.55785653	1259.38956944	1253.13122387
2074.500	60.71107346	1298.56619218	1248.98813296	1242.38204637
2075.000	61.20265079	1233.53602261	1245.27975465	1236.39365327
2075.500	61.56247294	1219.42648295	1243.86325946	1235.11922816
2076.000	61.51934366	1266.04036861	1253.06749093	1233.22953753
2076.500	61.54125423	1327.83906618	1261.18503379	1230.66973590
2077.000	61.53090202	1338.04808719	1259.65305279	1229.31544778
2077.500	61.53481810	1334.93558900	1250.63194636	1228.09586373
2078.000	61.53811265	1315.19701576	1238.99542593	1227.92404570
2078.500	61.50155639	1272.30329247	1235.06847164	1232.41463025
2079.000	61.14110987	1218.07026592	1236.71445138	1236.22112027
2079.500	60.72280637	1225.93455927	1246.05007183	1240.19024584
2080.000	60.23274322	1274.51994763	1256.18583542	1242.15979527
2080.500	59.75803621	1319.51784515	1259.73034102	1242.73928451
2081.000	59.33245541	1320.03788487	1262.14572464	1244.15612003
2081.500	58.97673754	1315.47906057	1265.43799389	1250.47592850
2082.000	58.92961899	1302.33012095	1270.90195993	1256.91034677
2082.500	58.97997857	1295.97173284	1271.89129843	1257.87458016
2083.000	59.32614346	1297.52480978	1271.27444660	1256.36417425
2083.500	59.75700792	1300.02966712	1267.80482018	1252.13432551
2084.000	60.10325068	1286.43876821	1263.50710051	1248.11124304
2084.500	60.67724667	1277.15188192	1258.63447500	1243.59912938
2085.000	61.59094598	1278.30862522	1248.54553295	1239.98297076
2085.500	61.72928664	1279.63779171	1238.44761505	1231.05161076
2086.000	61.73849880	1273.37270631	1230.31037070	1224.47852296
2086.500	61.72673385	1245.96611592	1225.77517715	1220.00336375
2087.000	61.74343972	1233.76883111	1223.88235890	1214.58089712
2087.500	61.58893690	1243.36719086	1223.61105150	1209.79491484
2088.000	61.50879093	1266.94703022	1218.91951769	1203.80211504
2088.500	61.56086669	1274.85867786	1211.35232328	1200.89788458
2089.000	61.33498273	1250.59849824	1208.05913424	1203.98423376
2089.500	61.07067853	1217.40105740	1206.77803126	1209.02797100
2090.000	60.77726380	1212.25257124	1213.24887838	1213.78737328
2090.500	60.44308456	1239.01705280	1232.03263124	1218.67595333
2091.000	60.31210413	1294.94999377	1249.01556590	1223.36600025
2091.500	60.41553889	1331.42452368	1259.69174332	1226.57654651
2092.000	60.84870730	1335.42780593	1262.05783236	1229.67901641
2092.500	61.18531531	1333.33623033	1257.70507926	1232.65545338
2093.000	61.50582040	1299.89318852	1245.79932369	1235.97161663
2093.500	61.98838158	1253.86438514	1243.85631013	1237.86249184
2094.000	62.40863491	1230.26795876	1246.04045758	1238.00675255
2094.500	62.52416870	1259.00506801	1249.54630654	1238.46993885
2095.000	62.53921165	1297.41808081	1252.16314784	1238.78094423
2095.500	62.48550359	1317.61754175	1255.29033162	1239.14697914
2096.000	62.18088235	1315.86692249	1259.61535256	1239.69902109

2096.500	61.94767660	1311.74103542	1263.63480986	1242.50589678
2097.000	61.51526654	1307.77728563	1267.85267410	1246.37870695
2097.500	61.28174101	1303.48527675	1271.49279926	1249.24062360
2098.000	60.85336174	1299.97344550	1270.96755333	1249.41449574
2098.500	60.51137695	1300.73831625	1263.75159756	1241.63134685
2099.000	60.32247932	1301.20394851	1255.95741068	1237.21718958
2099.500	60.32979126	1296.30050475	1248.17884987	1237.39216122
2100.000	60.25085278	1266.42338836	1245.41670282	1240.93977932
2100.500	60.17692812	1246.88334849	1251.01332110	1247.77380478
2101.000	60.13723352	1255.85789287	1256.51748151	1253.26705944
2101.500	60.12422272	1330.04309560	1262.28281397	1259.41834410
2102.000	60.18278900	1362.39869686	1267.37240233	1265.28582933
2102.500	60.62001654	1324.35720910	1271.05263766	1269.69943462
2103.000	61.68704228	1274.80391788	1275.64353998	1273.71244315
2103.500	62.60286819	1280.70521906	1275.16868081	1278.44564158
2104.000	62.71891089	1300.71457534	1274.14402295	1278.14785618
2104.500	62.73405991	1298.35208193	1268.51723018	1263.22787976
2105.000	62.72944639	1285.66773696	1247.40131009	1242.77215716
2105.500	62.72522993	1269.48566862	1219.97510345	1221.31803489
2106.000	62.74366218	1233.95236976	1202.76826075	1202.97357698
2106.500	62.55391275	1158.22150534	1173.04986282	1157.76098937
2107.000	61.98687828	1169.27563750	1126.78644763	1124.62919317
2107.500	61.24911655	1248.74989729	1083.00094098	1073.94069300
2108.000	60.36615598	1216.20899353	1031.64705228	1028.37420767
2108.500	59.19186894	1064.65912022	959.26863181	997.03659545
2109.000	58.34094238	926.50937340	943.49331327	997.10820083
2109.500	58.36962003	920.33060111	943.46535324	994.05408751
2110.000	58.73396124	953.51405412	964.96643894	996.75022299
2110.500	59.23727302	1025.82534590	1005.97360632	996.77272141
2111.000	59.92337514	1189.28626191	1053.25924854	1003.29118504
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2112.000	62.04612393	1309.38099602	1070.35002665	1031.62150290
2112.500	62.80841290	1215.00836673	1066.28142059	1055.99679810
2113.000	63.33288154	1111.31132265	1061.48577484	1076.35857997
2113.500	63.55225447	1075.24278557	1063.51703808	1094.11576896
2114.000	63.49729423	1057.20851703	1079.11980946	1108.04746499
2114.500	63.58414389	1063.21993988	1098.11617388	1112.26048219
2115.000	63.71919371	1130.23617234	1116.70981865	1113.19683867
2115.500	63.76582771	1219.82863727	1136.35035369	1118.69105507
2116.000	63.93497831	1286.55431764	1162.41134753	1135.91167019
2116.500	63.91268765	1309.35362353	1196.25001547	1166.93439345
2117.000	63.79563946	1325.93922229	1232.65859257	1212.13113714
2117.500	63.51205746	1340.68701912	1273.73817853	1254.98525510
2118.000	63.26226875	1351.00193868	1301.67762408	1285.87430393
2118.500	62.97271811	1359.69305874	1311.53751791	1309.88784126
2119.000	62.77291912	1367.83123942	1321.77366487	1316.29906884
2119.500	62.56374315	1373.22400346	1322.07855068	1309.99866370
2120.000	62.51183587	1372.44343913	1318.64301270	1300.52071749
2120.500	62.52480665	1365.31172206	1313.57586952	1290.17828167
2121.000	62.54478901	1335.18178401	1302.41559467	1281.65433933
2121.500	62.92992862	1317.67657008	1283.97201154	1273.74897909
2122.000	63.29574650	1303.16119648	1267.48630853	1264.25358776
2122.500	63.91698058	1291.51272603	1253.77053450	1253.94249130
2123.000	64.54534785	1279.16000951	1242.65044076	1243.79682182
2123.500	64.87388641	1275.80963632	1233.79961241	1232.48493258
2124.000	64.92132002	1273.62131436	1232.15767721	1227.49987630
2124.500	64.89719135	1253.39646906	1238.76062404	1227.86215297
2125.000	64.36254306	1237.93733288	1247.21737210	1230.10140513
2125.500	63.82772753	1286.41209242	1258.42875853	1231.49915354
2126.000	63.33050699	1359.62189873	1266.31286011	1231.95965444
2126.500	62.68620392	1388.37625751	1268.13934605	1232.78647235
2127.000	62.37130446	1366.09984344	1253.01079178	1234.18700444
2127.500	62.30610066	1305.03863226	1239.41926085	1239.68078921
2128.000	62.33356836	1241.18499262	1243.69248405	1244.80451903
2128.500	62.30648531	1207.54003324	1251.12307566	1249.46125524

2129.000	62.47052672	1261.50865097	1272.26984174	1253.82412529
2129.500	62.66153534	1340.97926605	1285.16779687	1255.15034309
2130.000	62.93114281	1382.85844204	1284.77202719	1248.77586214
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2131.000	63.77297714	1349.45035867	1261.72968128	1247.89759758
2131.500	64.32723681	1289.10265884	1251.02036632	1257.66591267
2132.000	64.69144628	1214.26553860	1245.74434721	1265.67606513
2132.500	64.66977287	1235.95355554	1252.94076388	1265.55613924
2133.000	64.50807412	1329.69661770	1277.21863874	1265.40710625
2133.500	64.38405243	1388.85907575	1296.86521132	1260.37362667
2134.000	64.15817247	1412.82649162	1296.11273041	1253.50636974
2134.500	63.97265482	1393.25279431	1287.38750936	1247.34608300
2135.000	63.76465183	1364.48135327	1271.48798400	1243.98076359
2135.500	63.66950686	1346.65461206	1246.16793951	1243.46368125
2136.000	63.36686263	1265.11627163	1227.90520673	1243.58894732
2136.500	63.16970142	1191.04219987	1220.92546406	1242.28683409
2137.000	62.96680740	1205.50424831	1224.55156740	1238.15134145
2137.500	62.89662420	1262.72292711	1239.56417858	1232.94726120
2138.000	62.97537426	1341.56115106	1255.00433325	1226.20437165
2138.500	63.12388078	1336.49666119	1257.23328205	1225.62968533
2139.000	63.24710734	1317.03333927	1261.78698179	1230.78768557
2139.500	63.51261240	1299.55843509	1263.99144184	1237.56296366
2140.000	63.96024635	1285.37352477	1261.17166970	1245.11180130
2140.500	64.38458182	1280.87792359	1255.55529106	1249.83813368
2141.000	64.72975058	1278.26238826	1251.13306488	1251.53132783
2141.500	64.98404922	1277.95714106	1247.89441025	1252.06030117
2142.000	65.10703472	1279.76727360	1250.64817749	1253.50273610
2142.500	65.13546468	1270.77884774	1259.64763224	1255.59949844
2143.000	64.91766346	1252.07722904	1283.20987700	1263.93115710
2143.500	64.56152215	1257.94548947	1308.13417962	1274.66033209
2144.000	64.32288918	1328.24038961	1331.53225198	1286.20398478
2144.500	64.05369237	1405.71989013	1347.31598060	1296.63773987
2145.000	63.76802252	1412.84377853	1350.02862369	1309.25663781
2145.500	63.58025459	1405.46476180	1345.28350573	1312.54217956
2146.000	63.31346895	1375.95969468	1338.76927437	1313.80802555
2146.500	63.06980917	1341.50663376	1329.48038628	1313.62851472
2147.000	62.72425122	1317.58511214	1313.07295781	1309.30028140
2147.500	62.36078403	1314.57642263	1296.00003097	1303.21363978
2148.000	62.16928288	1313.52563968	1282.92845537	1289.84694570
2148.500	62.14032093	1312.09156660	1275.06260005	1276.25679706
2149.000	62.52921881	1310.27084189	1265.53474836	1265.24772198
2149.500	62.91147812	1296.32635586	1260.01949938	1259.59559856
2150.000	63.40104080	1253.31245211	1258.27297787	1254.36936978
2150.500	63.82142296	1266.22998651	1265.50936464	1251.25050817
2151.000	64.26982449	1304.43449150	1273.20268932	1251.47382915
2151.500	64.28855719	1315.88704196	1273.62084669	1253.32887218
2152.000	64.06674770	1309.00090261	1273.50611756	1257.60721393
2152.500	63.74363618	1306.04491877	1275.31916603	1260.93916887
2153.000	63.27844295	1312.81983845	1281.34155615	1264.48972021
2153.500	62.66937489	1321.76506683	1283.72265674	1268.12638614
2154.000	62.08734571	1319.25999817	1283.11309786	1269.77963955
2154.500	61.45905229	1314.12864431	1282.96130012	1269.58264649
2155.000	60.94158214	1312.01398374	1282.57345160	1269.56566492
2155.500	60.36981627	1313.21902522	1282.33118867	1268.57295884
2156.000	60.09423017	1317.27073133	1282.00528970	1267.70161012
2156.500	60.18140412	1318.18437983	1281.64869981	1266.78484923
2157.000	60.51532435	1312.55371857	1280.25396765	1265.88576156
2157.500	60.94048578	1300.71806261	1278.35723429	1264.99109962
2158.000	61.31470068	1299.97182016	1276.54698185	1264.07333851
2158.500	61.89774496	1300.77605552	1274.66292129	1263.21044338
2159.000	62.75773709	1301.32396563	1272.68838909	1262.23485145
2159.500	63.31865101	1301.96361537	1270.83318640	1261.77522229
2160.000	63.77361239	1302.36838129	1268.54404669	1263.12572323
2160.500	64.29366023	1302.96962056	1268.22530624	1264.37798294
2161.000	64.45670744	1303.93393793	1270.63357671	1265.67417523

2161.500	64.54779557	1317.22400854	1272.31068366	1266.91764156
2162.000	64.45580996	1309.22113143	1277.22784789	1268.25660538
2162.500	64.31655990	1244.45890252	1286.52456129	1269.43839133
2163.000	64.28067855	1198.72424165	1294.10624675	1269.86656111
2163.500	64.05883724	1232.99337768	1302.27970385	1268.43379898
2164.000	63.87287739	1319.15752538	1302.15108080	1264.69113045
2164.500	63.56217933	1340.82360584	1293.43667499	1257.15264097
2165.000	63.37488918	1324.77077150	1260.96786012	1244.10121264
2165.500	63.15650994	1312.16210547	1227.98020942	1228.21488073
2166.000	63.11451981	1284.35892690	1209.22113316	1217.75734402
2166.500	63.11416135	1220.08773600	1184.75257173	1216.12319105
2167.000	63.25691106	1179.07299559	1179.10659593	1215.84605970
2167.500	63.37474016	1195.62628915	1194.72616233	1216.85733429
2168.000	63.66011035	1285.24766631	1207.73368856	1217.85339663
2168.500	64.00017727	1339.59136945	1217.42157861	1222.56310245
2169.000	64.33661613	1334.92134899	1229.30095255	1227.58457589
2169.500	64.52994725	1314.55900362	1239.19982344	1234.93541501
2170.000	64.50968943	1293.25479015	1245.45387966	1243.28455225
2170.500	64.51581217	1281.37684052	1251.96107896	1250.77840751
2171.000	64.51958659	1271.07441026	1253.99104320	1252.06071105
2171.500	64.50489108	1260.48282960	1251.83217184	1249.11155733
2172.000	64.53877726	1252.01697779	1247.40493189	1241.88124630
2172.500	64.32027050	1252.37600999	1244.19681382	1234.67629143
2173.000	63.95827249	1252.95017172	1232.98770328	1227.60636619
2173.500	63.73248352	1253.12381519	1211.89888586	1220.16774053
2174.000	63.33850242	1231.00175441	1196.52480137	1205.66019349
2174.500	63.20017618	1180.08161166	1184.42273082	1192.22814375
2175.000	62.79561189	1136.85027921	1170.80319491	1178.87910458
2175.500	62.84367852	1140.89620644	1165.35563720	1168.79397219
2176.000	62.97968306	1168.95116869	1160.97116188	1161.16065057
2176.500	63.26484805	1198.32440944	1155.76057333	1153.37571302
2177.000	63.36508907	1210.16061678	1152.76177635	1145.86987194
2177.500	63.70211407	1210.07747493	1152.24198640	1138.02107216
2178.000	64.13075407	1201.98214686	1151.20762729	1134.94880858
2178.500	64.46834623	1179.04698489	1150.59442221	1135.45292163
2179.000	64.56964862	1158.42055421	1149.47190493	1134.89306437
2179.500	64.72344242	1158.04330824	1150.11833616	1133.98895485
2180.000	64.63392927	1183.06698320	1151.71791269	1131.69848147
2180.500	64.59515281	1196.50856445	1154.24442175	1132.23164776
2181.000	64.46573440	1175.17496754	1153.13666464	1132.85454033
2181.500	64.31165437	1158.94852693	1170.25406305	1148.88587029
2182.000	64.28432127	1185.85724161	1206.56113021	1182.82554387
2182.500	63.93107992	1260.99955575	1240.19402852	1213.42452366
2183.000	63.46888239	1439.92345015	1275.04742983	1247.26364961
2183.500	62.90730641	1515.92048674	1307.16034904	1278.98982586
2184.000	62.52625844	1545.92654551	1343.33616214	1307.84369167
2184.500	62.14690317	1525.40503486	1377.14762626	1339.34457121
2185.000	62.12816285	1495.77691716	1407.99274848	1371.47790151
2185.500	62.10619501	1466.58149137	1425.33580108	1393.33677232
2186.000	62.30273243	1462.02244610	1425.74863307	1401.63034139
2186.500	62.73177226	1463.95071180	1423.48997031	1397.55205003
2187.000	63.11084085	1457.65849207	1412.00895521	1385.02981450
2187.500	63.52939324	1434.96802810	1393.46724796	1368.73409760
2188.000	63.90034977	1414.55685752	1375.20940156	1353.53846312
2188.500	64.47367638	1401.67564709	1358.44169868	1338.39967522
2189.000	64.89151013	1396.92634303	1338.49924363	1323.17374374
2189.500	64.92240504	1362.83835081	1323.36951113	1308.22160602
2190.000	64.87617961	1322.80185042	1314.51539942	1297.76145875
2190.500	64.66019654	1288.62792052	1306.54082800	1287.74618621
2191.000	64.46933008	1310.13484939	1299.01794278	1277.64848451
2191.500	64.16566688	1342.77982879	1292.83353381	1267.55719545
2192.000	63.94257663	1341.93333390	1290.00305687	1257.49290063
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2193.000	62.91722063	1309.94628245	1263.46370495	1244.57273896
2193.500	62.40926142	1288.30543596	1249.29798008	1244.04632038

2194.000	62.29702934	1244.27357630	1243.30184106	1242.96294059
2194.500	62.36324501	1231.52365059	1245.31052797	1242.30874642
2195.000	62.71111988	1264.33100588	1251.40472065	1240.82650031
2195.500	63.12556671	1302.06161608	1257.82761135	1235.22405477
2196.000	63.51497071	1315.46616658	1255.07785559	1230.08422396
2196.500	63.92396077	1314.47461649	1249.23252047	1228.32059045
2197.000	64.30902625	1310.57266410	1240.96730675	1228.34317459
2197.500	64.73598753	1267.77942907	1232.02541345	1236.42780062
2198.000	64.90756102	1210.56469366	1231.40947525	1244.68620564
2198.500	64.37791697	1230.85472143	1238.88424529	1253.63244350
2199.000	63.85815106	1310.52047803	1261.80163005	1258.52798111
2199.500	63.29026539	1358.23237403	1278.04728496	1259.77090473
2200.000	62.40956154	1360.74016398	1280.60839285	1260.86567106
2200.500	61.93613067	1357.99190752	1289.02601480	1265.35448257
2201.000	61.92921921	1344.01664220	1292.05949503	1271.73789911
2201.500	61.91991890	1324.88550262	1291.39889914	1278.19911455
2202.000	61.94904361	1309.81110679	1286.35974923	1281.72876904
2202.500	62.33199420	1298.29076489	1281.59792455	1277.10965593
2203.000	62.66673786	1296.80736442	1277.72281729	1271.78817346
2203.500	62.91648826	1296.14446194	1274.08977016	1267.65649662
2204.000	63.17991015	1295.40207323	1273.18883160	1258.64744627
2204.500	63.49380185	1298.98703879	1271.27685364	1246.55069442
2205.000	63.93924868	1311.62500546	1266.19207579	1234.86489034
2205.500	64.28169774	1339.34929450	1250.97108794	1222.77225491
2206.000	64.92082251	1330.65504161	1218.61834382	1207.35387304
2206.500	65.52432302	1253.39501745	1186.39038214	1204.90783487
2207.000	65.91900230	1160.67692591	1178.72697701	1206.76757478
2207.500	66.12449274	1168.86026187	1178.03923437	1210.44176170
2208.000	66.11422752	1233.63829273	1193.14874633	1213.67135935
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2209.000	65.62506471	1355.76250853	1245.39406264	1224.58985403
2209.500	65.52610181	1370.13704046	1264.62675779	1231.85406893
2210.000	65.32799719	1368.95779929	1284.06268095	1252.83154009
2210.500	64.77939660	1354.46238922	1295.04481819	1272.68891623
2211.000	64.32351422	1335.55602573	1306.02872372	1284.33111850
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2212.000	63.30420262	1332.05968124	1304.27560275	1287.49999342
2212.500	62.91945219	1329.48959492	1299.13462106	1285.94824104
2213.000	62.54743506	1324.92899852	1294.37566494	1285.29759803
2213.500	62.51400832	1323.56621675	1294.15657823	1283.66223804
2214.000	62.54562830	1324.20963560	1295.75827206	1286.76178181
2214.500	63.04561366	1333.12480423	1299.32982065	1292.81950885
2215.000	63.71024755	1341.82187113	1304.04002418	1298.02942963
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2216.000	65.17887039	1343.16288274	1315.26484327	1309.06063702
2216.500	65.71010087	1335.99119089	1325.69949875	1313.88193876
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2217.500	66.46841312	1321.31901082	1331.64524302	1322.01801885
2218.000	66.52414559	1325.15584799	1331.78937279	1321.65119206
2218.500	66.35282604	1348.48024807	1327.28208033	1321.17688513
2219.000	66.29991077	1364.14650023	1323.58757034	1318.54474879
2219.500	66.27701511	1337.37805796	1307.22104578	1318.40621538
2220.000	65.89941099	1280.02945171	1292.47254709	1320.10261595
2220.500	65.47308613	1264.98827225	1291.51221165	1321.64519859
2221.000	65.26532307	1301.83289421	1296.38764257	1321.02110889
2221.500	64.90938750	1338.34862464	1300.28131108	1314.39944217
2222.000	64.64865934	1340.15246267	1299.10272542	1311.08635948
2222.500	64.46013921	1329.58131590	1295.67129286	1315.17377115
2223.000	64.29551460	1321.42038452	1292.19480070	1321.95616159
2223.500	64.32128734	1317.72498443	1289.91658098	1328.73946907
2224.000	64.32453158	1309.54821066	1292.00077211	1333.69604560
2224.500	64.76617920	1299.99506863	1299.35569975	1337.13416318
2225.000	65.18660682	1302.28426819	1306.99826634	1336.73889851
2225.500	65.34514708	1296.31971185	1309.86608477	1331.49863345
2226.000	65.57911128	1257.96953825	1293.51831707	1313.72979936

2226.500	65.71384551	1219.88315360	1265.45234331	1283.87947110
2227.000	65.69428852	1177.08122921	1215.33309587	1248.30144228
2227.500	65.26667423	1140.94511760	1166.00888296	1209.46867254
2228.000	64.68936992	1062.03799807	1119.25701968	1179.49271884
2228.500	63.74804330	990.71234379	1079.29924988	1155.61545203
2229.000	62.64318103	978.46141962	1073.78956527	1134.87881042
2229.500	61.73531353	991.11858681	1079.27506815	1113.85119121
2230.000	60.91842587	1010.01143809	1084.12512007	1093.26567098
2230.500	60.14001850	1008.70491730	1063.75999037	1070.08797767
2231.000	59.57013286	986.45823752	1037.62727300	1049.57043184
2231.500	58.94624457	958.42899361	1011.96865418	1025.81091365
2232.000	58.17480433	936.54713088	987.15065881	1002.64078939
2232.500	57.73080353	925.48586783	962.13759427	979.62032892
2233.000	57.51996320	915.22708644	934.72238085	955.60710362
2233.500	57.69498355	908.14760158	915.91607885	942.58639946
2234.000	57.79663833	905.03051656	912.45265580	940.03885821
2234.500	58.11682942	909.99122357	914.09797794	946.44103040
2235.000	58.83458272	916.38120654	931.07559491	963.79924323
2235.500	59.53867831	982.26545139	967.64247700	994.72419682
2236.000	60.35164212	1095.13938764	1008.90206756	1030.73718708
2236.500	60.98239455	1207.30466327	1049.54422350	1065.97192291
2237.000	61.73344603	1243.97437610	1092.13341509	1102.42624047
2237.500	62.33912901	1245.69598199	1128.12202101	1132.91227452
2238.000	62.16694430	1241.05774590	1187.04373953	1183.08819031
2238.500	62.13355794	1242.73599817	1240.24762930	1227.47556412
2239.000	61.98521618	1255.16423836	1256.61527452	1259.92181912
2239.500	61.90925513	1278.30093122	1273.67937038	1272.93234452
2240.000	61.94273107	1327.12791088	1285.11424435	1273.35426109
2240.500	61.90567721	1362.20910748	1287.94090856	1272.77978078
2241.000	62.10851250	1351.60725073	1282.11302013	1270.24535787
2241.500	62.53399183	1326.23687051	1272.48654809	1268.23466341
2242.000	62.91316386	1319.71617322	1261.87171222	1262.96096962
2242.500	63.33282069	1311.07647492	1251.79193535	1256.47111208
2243.000	63.69853237	1295.99275296	1241.21790813	1238.04824723
2243.500	64.18118485	1267.08652815	1218.46380773	1215.38455438
2244.000	64.55453831	1241.68079226	1197.94868817	1196.75338578
2244.500	64.46070649	1235.07662284	1177.02943800	1177.11292393
2245.000	64.14356274	1214.12108204	1157.71861726	1161.99065499
2245.500	63.68098526	1189.48440134	1144.78145759	1145.74546835
2246.000	63.55277379	1163.18824727	1132.90243193	1131.40300614
2246.500	63.76248817	1132.55138127	1120.31903722	1118.74614136
2247.000	64.11447179	1136.93995987	1113.57000584	1112.21660542
2247.500	64.47040622	1141.25590606	1108.89194408	1109.83012551
2248.000	64.70102688	1135.48503423	1107.01009424	1108.86525684
2248.500	64.96442622	1128.13935803	1107.16194630	1110.52210009
2249.000	64.70161196	1162.20941853	1109.49637911	1114.94352857
2249.500	64.48119341	1186.42029928	1115.38938037	1118.99207296
2250.000	64.32191527	1162.07784023	1117.83434917	1125.21629940
2250.500	64.11419845	1149.07409759	1136.00932245	1146.56974908
2251.000	63.89133522	1179.86471276	1170.45002752	1167.61440374
2251.500	63.66054371	1263.25836179	1191.60699440	1172.79362708
2252.000	63.46325175	1332.11504788	1200.70516919	1175.64043058
2252.500	63.32650010	1345.51956430	1183.17137552	1176.89384160
2253.000	63.76576745	1251.95763079	1156.39534510	1183.10166435
2253.500	64.45540279	1124.78077633	1149.45959316	1196.49730682
2254.000	64.99035918	1096.12261523	1153.62302539	1200.24741208
2254.500	65.33719468	1162.90018914	1178.69927435	1200.66335719
2255.000	65.30953289	1259.47909460	1183.53475603	1189.11066957
2255.500	65.15570025	1293.36080552	1169.00066144	1165.88145375
2256.000	64.52265534	1290.52026560	1136.08124565	1144.41282675
2256.500	63.71384477	1277.32281371	1100.45186395	1122.39546147
2257.000	62.92717214	1227.59957164	1067.31478025	1099.34982279
2257.500	62.10865785	1152.42314763	1038.22298541	1085.96559852
2258.000	61.39701525	1074.74658927	1026.36990584	1073.28681994
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2260.000	62.75509551	1142.89147320	1091.20999112	1059.87776294
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2261.000	64.15812352	1198.34751662	1119.87975469	1093.82088491
2261.500	64.75566264	1213.79269447	1143.42949987	1126.08938391
2262.000	65.40140560	1286.25500247	1179.23071957	1156.74601867
2262.500	66.18585678	1291.03105465	1187.19045763	1167.36487473
2263.000	66.69594610	1270.73632324	1173.66426506	1169.62730032
2263.500	67.12617822	1197.21069976	1150.77408059	1173.30805698
2264.000	67.31075253	1103.42644122	1145.76219181	1177.97515897
2264.500	67.31450736	1108.33808175	1150.57058348	1182.50457911
2265.000	67.12018772	1183.69573633	1163.24114465	1191.43754901
2265.500	66.82898576	1275.19067177	1192.38170334	1206.97380898
2266.000	66.57856081	1322.14346595	1217.49683134	1221.72847079
2266.500	66.30168189	1324.99249228	1241.52848025	1240.63224560
2267.000	65.92390976	1327.36238706	1252.98861952	1253.37075712
2267.500	65.32702462	1329.93201955	1250.68192519	1252.05199581
2268.000	64.50552906	1350.16183133	1230.89743801	1232.31235493
2268.500	63.71666724	1311.14641688	1186.29051193	1201.65120615
2269.000	62.92103213	1219.63842418	1138.30177930	1175.36507516
2269.500	62.03514052	1149.43177800	1120.23639223	1145.01589435
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2271.000	61.95749471	1125.24534952	1056.34987198	1061.01955538
2271.500	62.18005482	1089.58094593	1028.20486329	1036.39363123
2272.000	62.36496288	1043.50973331	1014.25099789	1025.40049943
2272.500	62.70339874	1022.01643532	1021.42474964	1025.95434878
2273.000	63.17152734	998.72980464	1035.66827040	1035.40869044
2273.500	63.73444869	1009.89378215	1048.26049136	1046.36702245
2274.000	64.10534986	1100.18423112	1066.93660884	1077.18655880
2274.500	64.53386769	1217.64976932	1103.71146503	1112.87512818
2275.000	64.73771611	1298.34930987	1164.18269487	1143.57652323
2275.500	64.67079643	1363.05709927	1220.92570963	1189.45929113
2276.000	64.33185710	1391.95193728	1254.32627472	1244.53127682
2276.500	63.89507018	1379.87503134	1290.54362259	1287.90782034
2277.000	63.69988896	1353.07051482	1320.85170847	1316.74641524
2277.500	63.72416716	1323.16590660	1319.24572434	1321.36686876
2278.000	63.70664277	1317.86214682	1302.48141690	1311.17223704
2278.500	63.74800527	1312.72918571	1286.20308877	1289.55116513
2279.000	64.10773922	1308.58176915	1268.62629396	1263.36899331
2279.500	64.50912274	1304.60908802	1249.35662962	1240.00781282
2280.000	64.88550764	1292.69258622	1226.14024108	1215.49759616
2280.500	65.30801445	1264.61600737	1202.86807411	1206.00684738
2281.000	65.70486592	1223.14449207	1188.92103710	1198.34864140
2281.500	66.11439840	1213.91366448	1180.14610439	1190.56134819
2282.000	66.36835543	1219.09479921	1174.82832712	1180.01168773
2282.500	66.52168780	1216.97045039	1175.16205416	1178.22351566
2283.000	66.45866246	1208.55974633	1178.60429668	1181.90695902
2283.500	66.26194888	1218.94484080	1189.32898278	1193.54691622
2284.000	65.91835570	1254.19177523	1201.98408224	1206.54610285
2284.500	65.50251131	1273.88598276	1219.04031883	1219.64337501
2285.000	65.11509412	1271.13938020	1236.21958036	1231.80620873
2285.500	64.70544163	1265.60725353	1253.46117892	1246.67793510
2286.000	64.32161404	1261.88364072	1270.69566591	1263.96271645
2286.500	63.89626562	1262.03379030	1287.89733659	1279.88795721
2287.000	63.69765897	1262.75843223	1305.18877457	1296.37681345
2287.500	63.72362754	1263.61923177	1322.29705617	1314.80873423
2288.000	63.71133624	1249.71719086	1340.61682335	1334.50458644
2288.500	63.71863803	1227.12995437	1349.46265332	1343.92448664
2289.000	63.71449305	1224.13475687	1349.53673402	1347.34981664
2289.500	63.71723022	1262.06693453	1341.22007079	1343.63505503
2290.000	63.71482881	1255.60937373	1325.47105128	1335.59899738
2290.500	63.71948955	1197.66511768	1290.31502435	1315.38049624
2291.000	63.71275256	1126.55010176	1273.14832295	1296.21400966

2291.500	63.72570460	1088.64972916	1265.96540510	1282.10572255
2292.000	63.69983321	1113.42062725	1256.15196186	1269.40225867
2292.500	63.90005933	1169.84488938	1251.38229552	1258.97662904
2293.000	64.32522224	1216.05678217	1247.61359238	1255.46449856
2293.500	64.68740688	1257.87442624	1243.39420680	1257.93094603
2294.000	64.68159478	1283.16279559	1241.34683242	1263.35476638
2294.500	64.45967829	1287.36300084	1243.35898765	1273.71899633
2295.000	64.27176546	1270.34414941	1249.87746562	1280.15152410
2295.500	63.94206748	1261.46782117	1262.46289904	1281.93764983
2296.000	63.46118243	1264.26651361	1263.36088120	1280.55708854
2296.500	63.02341217	1273.38180292	1248.62642116	1272.41696633
2297.000	62.37997813	1276.91663673	1192.99962864	1233.30339355
2297.500	61.90606415	1212.75886367	1145.70215531	1190.46937613
2298.000	61.56443498	1134.07905298	1111.46417133	1149.61959839
2298.500	61.52073558	1094.63772785	1077.48608055	1106.56363956
2299.000	61.52382396	1071.51625195	1054.25705747	1070.65635986
2299.500	61.56161707	1042.00643992	1033.05456862	1038.51647334
2300.000	61.86374137	1015.69060770	1012.35034805	1013.88816677
2300.500	62.12056007	1001.48186826	997.26975714	1006.13115133
2301.000	62.43311670	991.50199792	988.98771260	1004.03480999
2301.500	62.82245813	978.48178904	989.10121352	1006.99481368
2302.000	63.23544689	969.52003908	993.06107610	1013.61543708
2302.500	63.52174319	997.34581938	1013.75814927	1027.17234405
2303.000	63.48176385	1071.84303724	1039.12100610	1043.58965914
2303.500	62.78613749	1121.73851612	1047.81818171	1051.13560229
2304.000	61.74705809	1103.53402451	1043.85394456	1052.70370843
2304.500	60.86079377	1050.02037142	1037.84185279	1053.62712942
2305.000	60.08670439	1032.25558483	1030.24006763	1051.55525988
2305.500	59.54143932	1012.97535328	1017.28340932	1045.17474897
2306.000	59.30874943	1002.67201721	1002.02444912	1029.13745301
2306.500	59.43625829	989.75499312	987.30998407	1010.25724316
2307.000	59.63618382	988.79756722	972.43342357	992.85587608
2307.500	59.83050714	988.93817438	957.54245134	970.37752039
2308.000	60.05414571	987.53513974	943.25255858	959.06531419
2308.500	60.42126466	978.82672313	933.50578626	958.90930344
2309.000	60.92413347	966.10333253	931.35399082	961.06272324
2309.500	61.52598924	958.14537469	948.29819973	976.18196627
2310.000	62.22498697	952.97286385	975.62285668	997.11940272
2310.500	62.94308008	1042.71069832	1018.86268690	1017.44867387
2311.000	63.72762531	1166.28455443	1066.50168939	1060.22858891
2311.500	64.41414068	1275.88561098	1111.59607620	1098.47290384
2312.000	64.81206371	1325.14514784	1155.98230520	1137.11094991
2312.500	65.21080432	1304.52281020	1196.81271087	1175.60075871
2313.000	65.31117618	1300.59025038	1232.86334812	1214.00396540
2313.500	65.10853095	1296.00155523	1244.47262145	1254.74634034
2314.000	64.92649615	1288.96307086	1241.43523828	1274.46669606
2314.500	64.62355527	1249.09630612	1239.95484547	1277.73406592
2315.000	64.21639370	1239.82428490	1245.91165803	1272.83432836
2315.500	63.80501827	1252.87610615	1255.17108261	1269.13814054
2316.000	63.23568161	1295.61790160	1266.67071688	1269.72081702
2316.500	62.82762298	1311.34724449	1278.83816407	1269.74725280
2317.000	62.41496818	1310.29132451	1294.53942351	1273.20735519
2317.500	62.12677307	1305.60694114	1301.00768189	1273.43878836
2318.000	61.84502319	1298.20089927	1300.53340327	1268.37533645
2318.500	61.42250276	1282.24205246	1287.83819125	1261.89000527
2319.000	61.04432401	1261.94064603	1266.40587454	1244.33437636
2319.500	60.54873365	1184.47246222	1221.71332356	1211.60328862
2320.000	59.91493260	1085.34766722	1167.44923659	1176.88333346
2320.500	59.15609813	1050.19991151	1121.46781630	1142.12477258
2321.000	58.33643500	1051.26823094	1101.75151283	1108.17127205
2321.500	57.94104671	1046.90237479	1065.28271439	1068.91883742
2322.000	57.67251423	1028.58785604	1032.95960937	1058.40250057
2322.500	57.53516338	988.15400695	1017.29196449	1059.20200781
2323.000	57.55364430	978.84499491	1028.62983412	1060.99393261
2323.500	57.63588845	1083.91123956	1079.86631066	1068.99349258

2324.000	57.87540108	1217.13789294	1143.41425657	1075.74576665
2324.500	58.23295283	1336.90176852	1139.15349025	1083.55717303
2325.000	58.37440824	1306.66166490	1116.83302842	1089.97097451
2325.500	58.23806417	1210.54744444	1097.33360915	1096.32950442
2326.000	57.85126714	1133.31255759	1074.56379305	1088.34715195
2326.500	57.45638241	1069.01681980	1049.75203467	1062.64849007
2327.000	57.04527612	1025.45279071	1027.11865124	1043.61096932
2327.500	56.76857936	1018.76695268	1006.77632502	1024.04439230
2328.000	57.05684594	1017.24619386	986.25599581	1007.60773643
2328.500	57.71915112	1017.07220022	967.04353607	980.47445453
2329.000	58.37956401	1013.64778198	954.45521590	968.23014869
2329.500	59.03273811	1000.66634043	953.01644122	967.46626838
2330.000	59.44508585	990.50990966	960.15695342	967.17963309
2330.500	59.83531226	984.77114410	978.95606753	974.76333355
2331.000	60.11066094	1010.15576887	1015.37440096	996.21479254
2331.500	60.41430324	1126.98033821	1050.70996265	1037.45788942
2332.000	60.95482690	1176.41066705	1084.33866595	1076.68043083
2332.500	61.33696826	1239.35508614	1119.35728254	1116.52542266
2333.000	61.32086475	1314.41903433	1155.87331018	1156.00585424
2333.500	61.04833744	1325.10941279	1193.36297342	1193.16122226
2334.000	60.63059765	1320.47389790	1236.11015630	1228.00126979
2334.500	60.23329954	1314.51649647	1273.21732718	1262.52846341
2335.000	59.93220890	1310.13684456	1286.53843605	1284.65239192
2335.500	60.04251137	1301.70315634	1288.32174655	1283.64870826
2336.000	60.51400560	1285.46363325	1279.68322811	1275.53376995
2336.500	61.23063226	1277.26962466	1265.99512731	1266.30705761
2337.000	61.94695553	1278.60215184	1260.09695082	1258.12842875
2337.500	62.43110973	1278.68442141	1255.02218124	1247.16295455
2338.000	62.82225664	1279.34738099	1245.77710066	1234.25593826
2338.500	63.21790891	1279.69654430	1224.96956838	1221.91024482
2339.000	63.33599709	1273.78851807	1211.45889315	1200.88412376
2339.500	63.32008972	1242.38734330	1186.05560894	1181.67067198
2340.000	63.32945180	1206.48584903	1146.96454604	1162.80826797
2340.500	63.31749305	1170.69207427	1121.31255662	1133.92585834
2341.000	63.23835962	1137.19978435	1092.83744664	1107.14560657
2341.500	63.01718509	1088.21851535	1068.30225293	1080.38180102
2342.000	62.61919151	1071.25137623	1045.43215689	1053.90185538
2342.500	61.98978764	1060.53021807	1022.18061143	1034.12764305
2343.000	61.09091540	1047.57129194	1005.07162818	1019.23737608
2343.500	60.53990595	1021.62974707	994.96966836	1004.30599093
2344.000	59.92704536	997.70392228	985.11192400	988.55461710
2344.500	59.44138679	991.13925132	978.98597800	983.34921326
2345.000	59.33757842	1002.69857426	973.50683692	979.46108830
2345.500	59.62301771	1015.12607211	970.10113966	975.62845095
2346.000	59.75296690	1015.56730889	968.91229226	970.93798232
2346.500	59.73126614	1001.42706468	968.13968401	972.93065909
2347.000	59.74245616	990.20493382	973.55399242	972.48437086
2347.500	59.74080041	985.32413634	990.71315939	993.11550756
2348.000	59.86138894	1004.97978463	1023.76013946	1029.75749618
2348.500	60.04339227	1073.30787396	1068.27819124	1061.13529770
2349.000	60.19963474	1257.13791515	1125.48699924	1101.55726670
2349.500	60.45666359	1476.71912344	1192.75665375	1131.39955678
2350.000	60.90506033	1553.59383454	1229.77679231	1195.04997009
2350.500	61.36219960	1517.54744391	1278.71471836	1280.05494718
2351.000	61.80988984	1461.02092059	1323.50345674	1320.89732068
2351.500	62.24092745	1418.34490667	1347.93690047	1350.91268507
2352.000	62.51780094	1410.98062876	1348.20032185	1354.84998408
2352.500	62.52604979	1407.87612429	1325.46235729	1337.70894442
2353.000	62.52310790	1389.76445308	1271.25950937	1293.84153319
2353.500	62.56594941	1332.92939818	1234.11868040	1239.77693661
2354.000	62.72782436	1270.07002461	1211.18447638	1218.10325313
2354.500	62.87933007	1252.99663552	1197.44316675	1192.68958343
2355.000	63.08666247	1239.99022972	1195.24430439	1188.17543046
2355.500	63.32129271	1227.90325459	1197.44593397	1185.76855604
2356.000	63.59037341	1239.98611253	1202.80174730	1185.87216216

2356.500	63.83671456	1274.75564065	1211.36450235	1190.34173932
2357.000	63.92653467	1301.32091065	1223.54755013	1202.50489543
2357.500	63.90596762	1307.45008530	1236.58715102	1213.56141176
2358.000	63.64407476	1303.77606958	1247.22773740	1225.16108678
2358.500	63.12274928	1299.55957102	1256.94004272	1237.14743633
2359.000	62.59283365	1297.75493496	1261.55811862	1250.13130291
2359.500	62.05340785	1295.81881935	1261.77836781	1263.95675547
2360.000	61.51259175	1287.29955618	1261.53327804	1266.49158809
2360.500	61.13857328	1276.24901408	1257.46807286	1263.16481349
2361.000	61.13411055	1267.81265789	1249.34555171	1258.61482857
2361.500	61.12139493	1264.74845657	1242.28126258	1245.49391319
2362.000	61.21704135	1259.74851487	1231.05643384	1221.74179981
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2368.500	63.41360702	1048.76579094	1038.80126450	1044.05268172
2369.000	63.81342090	1181.90027521	1086.48110486	1081.36342662
2369.500	63.94125796	1295.07063976	1139.59460841	1107.64191495
2370.000	63.80939075	1297.89036220	1161.51054790	1125.13575391
2370.500	63.41122943	1275.65317622	1174.55792535	1139.80366554
2371.000	62.81491668	1260.20641251	1169.43952373	1140.48445904
2371.500	62.25773928	1246.02236302	1134.76937745	1123.84651191
2372.000	61.70344622	1185.99389360	1092.85304719	1102.21024159
2372.500	61.03887625	1081.59436193	1066.97144271	1085.28906866
2373.000	60.63265166	1024.22878072	1027.53214300	1070.69656514
2373.500	60.61435898	1014.76400599	1020.27954809	1066.89542231
2374.000	61.12582912	1024.88814168	1027.20971973	1066.86975200
2374.500	61.75124692	1067.15837979	1047.31322187	1068.83127548
2375.000	62.71842335	1141.68777895	1113.92458329	1076.21227736
2375.500	63.41902294	1306.27288072	1146.78372052	1098.34710579
2376.000	64.10439143	1336.56177986	1176.97489558	1125.51670218
2376.500	64.54793031	1331.56131259	1195.07441339	1174.37654754
2377.000	64.67332937	1320.82840483	1222.10120198	1214.70128121
2377.500	64.53753786	1305.46822025	1250.63014537	1238.15367994
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2378.500	64.40514933	1281.38545067	1253.72911677	1244.18830094
2379.000	64.02864849	1273.01692644	1245.95132982	1240.04711285
2379.500	63.52755965	1264.93783147	1227.13435346	1223.62874879
2380.000	63.29376457	1249.64735581	1210.59540814	1206.62598445
2380.500	63.32844229	1213.96580094	1198.88750314	1204.10499951
2381.000	63.32734213	1187.20602658	1190.50610133	1198.71254005
2381.500	63.50762123	1192.44435446	1185.94401331	1194.77408686
2382.000	63.50920069	1222.88340129	1183.39114774	1192.23577682
2382.500	63.61117127	1252.58063034	1181.20953581	1189.06107237
2383.000	63.75547850	1248.09744297	1181.63667961	1184.37797412
2383.500	63.88153303	1220.88084953	1181.48748848	1179.57133666
2384.000	64.02295574	1188.61659843	1183.06281395	1175.54928255
2384.500	64.13261537	1182.10369158	1188.17539426	1171.48419321
2385.000	64.09426332	1199.70727021	1187.30073937	1166.31726042
2385.500	63.93353084	1230.37784515	1185.65785770	1149.75957228
2386.000	63.62847771	1240.91922560	1137.12621589	1112.79254786
2386.500	63.21868575	1191.70364472	1067.86881897	1078.73749463
2387.000	62.82828194	1124.52838803	1048.37224789	1058.70911165
2387.500	62.42063403	1057.87929733	1019.91842447	1039.70916621
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2390.500	60.35176288	1183.15946543	1073.68640271	1062.77355548
2391.000	60.61868585	1403.22664707	1133.64932898	1088.26307350
2391.500	61.32379885	1392.76555298	1175.09187441	1126.24207156
2392.000	61.82704347	1402.52585482	1205.84099976	1166.00749737
2392.500	62.31743865	1358.40439423	1253.37727008	1227.68831950
2393.000	62.85613538	1303.28160064	1291.50521969	1258.15660236
2393.500	63.38586346	1253.55930823	1329.01076518	1278.03829344
2394.000	63.54145470	1271.54791490	1328.17893943	1291.01829683
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2395.000	63.54658585	1432.05795295	1298.60075140	1271.03911751
2395.500	63.70213524	1420.73924384	1281.42752244	1255.95532648
2396.000	64.03053942	1309.21136326	1252.56811080	1242.98065087
2396.500	64.59876427	1233.29544465	1238.95209707	1231.67720427
2397.000	65.02006486	1237.68800609	1230.21499128	1220.87270912
2397.500	65.31786247	1288.79811402	1217.40334429	1209.91968209
2398.000	65.19832495	1270.97500830	1207.18275827	1199.07330172
2398.500	64.82101166	1239.13081203	1200.82406632	1186.60566056
2399.000	64.39935294	1234.82068447	1194.79239867	1171.56371530
2399.500	64.04506368	1251.12172833	1181.65502401	1162.75269532
2400.000	63.37029476	1246.39604940	1164.30897680	1161.20856220
2400.500	63.08801526	1206.98159477	1146.01875387	1162.92808592
2401.000	63.11912609	1156.10823805	1139.18129678	1169.61186083
2401.500	63.28604733	1142.64462374	1140.14803274	1176.62676624
2402.000	63.73514866	1206.81007496	1164.29889242	1183.03278399
2402.500	64.09435045	1281.14126460	1204.72564049	1189.65501455
2403.000	64.66692999	1311.28733775	1223.13998695	1196.16674922
2403.500	65.12488151	1327.59054016	1236.12837503	1202.71564554
2404.000	65.38300620	1328.25312449	1241.44457214	1205.38617746
2404.500	65.48121905	1280.67244241	1235.65065611	1197.32121109
2405.000	65.25461299	1228.08131615	1214.08874414	1163.34787430
2405.500	65.07435027	1215.23151262	1173.68217454	1126.79383107
2406.000	64.73211569	1220.25155987	1135.69037977	1097.30606939
2406.500	64.17465904	1175.57560244	1067.69731450	1076.23953315
2407.000	63.54193002	1095.79483325	1032.37822464	1053.02347016
2407.500	62.66201160	1046.55399784	999.97910943	1029.82392405
2408.000	61.85097096	1018.03598141	989.31226843	1013.31646892
2408.500	61.29156554	1025.70456314	983.61723017	994.86152794
2409.000	60.65839671	1041.24353036	1015.25810823	1015.96317526
2409.500	60.28024350	1068.78391299	1059.43649706	1082.79028950
2410.000	60.59649914	1307.77554499	1086.64641591	1143.42613599
2410.500	61.17535367	1557.11775513	1120.84288066	1199.78554067
2411.000	61.74734278	1549.30944509	1184.90595534	1217.21233938
2411.500	62.51364002	1483.93946544	1255.51971568	1265.59435190
2412.000	63.33346174	1434.50580888	1314.82981660	1326.15910653
2412.500	64.06726831	1389.50040568	1351.32031071	1369.06476762
2413.000	64.68139182	1378.05859295	1345.72322653	1375.58495397
2413.500	65.08180086	1377.78476245	1334.89870784	1366.79901455
2414.000	65.16264172	1357.86823567	1306.87589982	1320.21465866
2414.500	65.35780957	1315.48871023	1270.70900488	1284.05879293
2415.000	65.68670788	1264.92908299	1234.62314583	1246.94689826
2415.500	65.66894404	1209.20367502	1198.58433898	1210.68446693
2416.000	65.38568078	1198.97216084	1162.64687609	1173.83853218
2416.500	64.94029402	1235.85355848	1127.42621584	1140.11081050
2417.000	64.14439277	1231.29787074	1088.46607931	1097.09365747
2417.500	63.43492207	1145.47291133	1055.70560866	1059.42100615
2418.000	62.24011959	1057.58347266	1019.98799546	1017.45805518
2418.500	61.14406750	1023.32537858	982.83945062	1008.36980009
2419.000	60.56351429	1007.00308849	967.99440702	1006.59601134
2419.500	59.72270804	972.83850223	971.64478857	1009.06585942
2420.000	59.53427514	978.87596798	976.06683739	1016.55234543
2420.500	59.53131817	1076.26634108	1049.97155953	1027.24057095
2421.000	60.31011291	1321.53811886	1104.01615446	1039.73658183

2421.500	61.38673411	1304.72071925	1093.54090802	1060.03167193
2422.000	62.64489085	1192.03081130	1092.09835490	1087.79281319
2422.500	63.93499830	1151.38747495	1097.46160157	1115.05547953
2423.000	64.49408626	1147.37985972	1116.73361779	1142.26601495
2423.500	64.52340118	1143.37224449	1126.38546817	1156.13750550
2424.000	64.48638487	1143.37224449	1139.56520079	1169.51571194
2424.500	64.14864968	1187.45601202	1167.51404502	1182.54987644
2425.000	64.12773142	1223.52454910	1222.96825356	1195.60887484
2425.500	64.06841423	1356.43710822	1242.60922257	1210.63372999
2426.000	63.90851778	1417.89388778	1262.31669158	1228.55160019
2426.500	63.78930380	1400.46484186	1297.54767641	1251.36209275
2427.000	63.64477809	1383.10256717	1312.70143591	1268.33262353
2427.500	63.52244733	1362.72143618	1313.01122826	1275.85090709
2428.000	63.37395856	1342.78511923	1297.79773210	1268.80347738
2428.500	63.29297930	1339.40521791	1254.98811867	1236.26245968
2429.000	63.36712820	1309.04592818	1223.18313115	1213.95640405
2429.500	63.56074002	1210.12151938	1205.83233021	1201.27257616
2430.000	63.89895557	1164.67259773	1201.35250316	1197.53460809
2430.500	64.33620111	1202.36217473	1206.57621760	1191.75405084
2431.000	64.66036212	1280.61279451	1219.80328331	1187.84956808
2431.500	64.90095608	1332.55034233	1221.77884292	1187.08389013
2432.000	65.31155514	1326.18959800	1221.25309159	1189.03399262
2432.500	65.71405106	1293.44189861	1221.64395898	1194.57339678
2433.000	66.06719663	1260.59289712	1220.61618802	1200.21325336
2433.500	66.25348278	1260.44211689	1218.42578281	1205.62627895
2434.000	66.32975511	1262.47671249	1216.48463724	1209.55239974
2434.500	66.15228731	1219.48109350	1216.06519696	1212.94291824
2435.000	66.06739339	1208.55781289	1218.20958464	1215.90967991
2435.500	65.70749707	1230.01219800	1229.27654055	1220.97499154
2436.000	65.44248746	1304.42610863	1251.00288837	1229.41349622
2436.500	65.26552024	1341.37192235	1263.18633951	1234.54411791
2437.000	64.94865921	1338.94538396	1264.58738463	1235.03540866
2437.500	64.89282219	1329.93035303	1254.59436984	1231.12141086
2438.000	65.04876083	1307.21446339	1234.17197655	1225.73121321
2438.500	65.26232281	1232.77587654	1211.65321823	1220.37967853
2439.000	65.44519392	1159.22919812	1191.99752038	1212.76920962
2439.500	65.69678382	1169.28581317	1175.27752150	1192.91213588
2440.000	66.10997336	1214.24835276	1156.69761830	1170.90771811
2440.500	66.50975969	1247.28666075	1138.92226266	1151.94234243
2441.000	66.85242901	1198.66964467	1120.72327110	1132.15233302
2441.500	67.05966216	1080.68531008	1102.78289220	1114.26711188
2442.000	67.10367921	1084.69876008	1083.06444802	1096.27569793
2442.500	67.11027081	1193.32675426	1069.76016667	1078.37642542
2443.000	67.04965178	1179.66967310	1055.73287739	1058.84819677
2443.500	66.89570236	1080.16502032	1041.56016646	1045.66585516
2444.000	66.86654790	1005.76674164	1027.37463416	1031.70554184
2444.500	66.64445843	1014.86952270	1012.24535004	1017.93238474
2445.000	66.45348073	1048.79814338	1001.16743995	1003.51466850
2445.500	66.15654393	1065.12979328	992.65084634	994.09675239
2446.000	65.91708734	1036.39141621	991.66494153	993.68515176
2446.500	65.49189344	1000.91142334	994.00612906	999.07310857
2447.000	65.24582645	1004.43435858	1007.73444061	1026.44557868
2447.500	65.08946998	1050.41875357	1045.77556723	1054.85891624
2448.000	65.25229916	1181.84466410	1083.09580286	1082.92852806
2448.500	65.45165642	1305.10328705	1128.01304796	1112.68411485
2449.000	65.68886842	1358.07463706	1175.93208537	1159.64477715
2449.500	66.11943231	1390.31734071	1212.86200971	1217.73333364
2450.000	66.38949707	1411.98919648	1241.84497973	1262.65158002
2450.500	66.54466495	1405.37484906	1290.37837348	1289.79087627
2451.000	66.69043267	1382.87103095	1322.26668603	1312.30984377
2451.500	66.70780668	1363.68596563	1316.12785487	1309.33405202
2452.000	66.69593850	1335.82903321	1305.36853233	1299.33035689
2452.500	66.72063979	1312.53974215	1290.47574111	1283.18736423
2453.000	66.52337675	1313.76862776	1277.43575566	1268.18404099
2453.500	65.99613668	1304.79884099	1268.23847256	1255.07462877

2454.000	65.71473009	1297.03012870	1262.75024573	1245.88021928
2454.500	65.30129040	1288.68378832	1256.93817435	1237.51236583
2455.000	64.92156450	1283.67769746	1249.25969776	1229.27255623
2455.500	64.46680749	1286.78319452	1239.33628324	1220.95510747
2456.000	63.88945963	1289.69189496	1228.77056429	1212.77119131
2456.500	63.56755956	1258.24614520	1220.10121230	1204.36042115
2457.000	63.35554896	1221.64749118	1212.46799762	1196.55530071
2457.500	63.31041767	1217.68596571	1205.49061451	1189.37313112
2458.000	63.31299822	1236.59253335	1202.28579100	1182.58696270
2458.500	63.35341802	1242.36556196	1195.96158333	1175.18743929
2459.000	63.57490598	1228.35239812	1187.95311015	1160.60130356
2459.500	63.75626310	1220.84199872	1170.40573569	1143.42042081
2460.000	64.12428904	1228.29718770	1149.78607730	1129.20889401
2460.500	64.50984537	1177.11763708	1133.08229952	1120.38744299
2461.000	64.86795926	1104.25279841	1116.44144215	1112.71867925
2461.500	65.06507024	1084.55557679	1105.51764501	1104.04330269
2462.000	65.12998938	1174.13416135	1097.24738321	1098.17730469
2462.500	64.96982762	1237.55127948	1093.44317890	1091.62555625
2463.000	64.75616150	1097.70668865	1093.21847429	1089.00556173
2463.500	64.57586823	1109.91397867	1096.62832180	1095.31320350
2464.000	64.21702295	1181.33132518	1103.74122187	1106.17772683
2464.500	63.94571083	1234.04363257	1115.70731414	1116.60018770
2465.000	63.78320368	1191.55672538	1131.32739611	1127.61261979
2465.500	63.63586112	1168.05733598	1161.43995616	1138.36932499
2466.000	63.56549940	1215.19057789	1188.88661761	1151.66762555
2466.500	63.71333211	1301.78869431	1196.05814738	1160.13142980
2467.000	63.88761172	1289.06229204	1197.63251853	1158.72010310
2467.500	64.32535208	1268.03861278	1192.60115634	1158.94775578
2468.000	64.70449672	1240.45159737	1181.48945870	1158.35059929
2468.500	65.11365225	1226.15519523	1170.39227640	1158.13631996
2469.000	65.50883260	1208.60133828	1161.38721889	1157.84839679
2469.500	65.88748672	1200.05229454	1157.87413667	1157.34592313
2470.000	66.00541662	1204.46387317	1158.77385750	1158.56719314
2470.500	66.11130649	1251.22139977	1163.28635841	1160.93710105
2471.000	65.96186410	1278.76995871	1180.22050886	1164.22641094
2471.500	65.86664738	1312.71003680	1199.09370737	1176.81600036
2472.000	65.51240144	1311.11204302	1221.59037986	1190.57317326
2472.500	65.24484265	1314.98352073	1244.73419401	1203.41648936
2473.000	64.97225346	1406.75531101	1263.73558091	1213.49564809
2473.500	64.72448968	1484.05577376	1262.65627007	1223.14132533
2474.000	64.29610425	1384.42548564	1248.39798049	1232.63616882
2474.500	64.06725198	1277.53950429	1251.26432004	1244.10832606
2475.000	63.72256573	1304.25640869	1260.32182193	1244.19213069
2475.500	63.44334080	1377.84836385	1255.32893306	1241.58394988
2476.000	63.31799466	1352.50144057	1242.12345649	1234.73724013
2476.500	63.31845359	1300.56048912	1241.30427786	1228.64651385
2477.000	63.45407520	1311.35093464	1242.84373416	1215.18528775
2477.500	63.72854268	1339.57551587	1231.47861495	1194.86653730
2478.000	64.09584476	1377.25214250	1191.97419377	1175.95538227
2478.500	64.13666538	1295.02370072	1158.25223436	1151.66260823
2479.000	63.97082720	1185.74330281	1127.75288611	1128.10716179
2479.500	63.34813319	1133.31298707	1106.25583653	1107.26688577
2480.000	62.18788871	1119.98714187	1091.95310923	1082.67595377
2480.500	58.66123215	1112.45692757	1077.62652354	1061.88090203
2481.000	55.60968598	1151.82937081	1067.72007000	1037.30663802
2481.500	51.64832265	1194.50109976	1049.87055384	1017.75075153
2482.000	50.26358752	1120.44719234	1023.29038968	1002.02235555
2482.500	50.46739209	1027.38210271	1000.71050522	985.97637895
2483.000	47.54012046	1004.04614745	978.48801763	974.92593047
2483.500	40.63590557	1025.69053478	962.88006194	961.09544200
2484.000	32.60874400	1067.96996943	947.49070260	948.68636779
2484.500	29.71522984	1063.82744077	938.89473099	937.46124073
2485.000	29.79043233	1035.51158448	937.28547771	936.88469153
2485.500	30.73810771	976.10107295	946.51013256	936.25743472
2486.000	33.74306011	957.23411553	970.60482339	947.35712070

2486.500	34.04642646	1013.70425084	995.10912400	976.40318226
2487.000	34.51694039	1167.14090107	1020.82566265	1003.71445636
2487.500	35.74733791	1286.23389313	1044.30011048	1032.25880748
2488.000	37.84102200	1220.71440013	1071.90412080	1062.94131786
2488.500	41.16868874	1178.48876147	1127.92238595	1109.33466491
2489.000	44.93226746	1271.02693468	1173.67660099	1164.93430827
2489.500	47.65826048	1409.59713469	1222.21490361	1224.50861374
2490.000	49.59715267	1420.39635685	1271.19827596	1275.42360396
2490.500	51.52488917	1433.61953783	1313.46553884	1309.26523458
2491.000	52.39932216	1441.27269986	1342.85356237	1344.17660807
2491.500	53.19147511	1442.95434727	1373.62584150	1347.21699494
2492.000	53.98567034	1492.19474406	1380.87839236	1329.96613674
2492.500	54.65217705	1533.73535065	1371.58153188	1297.85554548
2493.000	55.18974661	1457.39584996	1326.21094703	1262.36195502
2493.500	56.12320832	1374.43540466	1271.48662382	1228.13028460
2494.000	56.95035782	1304.32620598	1216.67730708	1191.96169508
2494.500	57.95137620	1228.33381474	1156.08287023	1161.19700388
2495.000	58.95226013	1159.03837040	1124.43763116	1122.73439216
2495.500	59.33460435	1110.94709215	1079.86358658	1086.85488063
2496.000	59.76435813	1084.02092510	1067.46393233	1060.18527142
2496.500	60.00143779	1088.09183042	1051.42336541	1047.04743006
2497.000	60.19927832	1097.86799917	1042.25011674	1037.84682672
2497.500	60.36494749	1096.55858488	1041.14362372	1040.15073377
2498.000	60.29893426	1078.34151150	1043.39508232	1041.33100203
2498.500	60.09340510	1067.80932703	1063.79764709	1043.04738423
2499.000	59.74647006	1108.55614074	1072.59562144	1025.18484388
2499.500	58.85565389	1241.50254105	1059.00688551	995.70985935
2500.000	57.72186588	1224.29378218	1017.70405162	968.91235893
2500.500	56.61627958	1070.73401831	968.78084810	943.62795237
2501.000	55.73715011	934.26168928	920.52558773	935.28884521
2501.500	55.82966623	877.53796767	895.80173315	929.64518360
2502.000	56.57517841	893.55564849	896.65857119	921.81252320
2502.500	57.61345069	935.12342859	895.24746834	905.19245858
2503.000	58.69220550	958.29478085	893.56612613	897.51921231
2503.500	59.67180446	985.19414583	896.49376338	896.45219767
2504.000	60.16402337	990.54885989	902.69950892	900.07752210
2504.500	60.49979546	995.50515170	909.96562900	905.92621396
2505.000	60.56505953	990.28125731	913.36133175	912.11905773
2505.500	60.48871829	978.42712315	907.51913542	910.92864222
2506.000	60.18868216	973.91718864	903.40792346	903.91259129
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2507.000	58.45951909	937.10904968	860.74327731	900.77456938
2507.500	57.48041739	875.59791854	862.65994352	902.88636548
2508.000	56.99472300	868.14516602	895.20206934	918.21851982
2508.500	57.46446921	960.54274055	943.77538680	933.68406819
2509.000	58.42598039	1065.21719287	970.14379447	934.69355624
2509.500	58.76762888	1221.50580179	964.61136959	932.49759070
2510.000	58.06233822	1217.15507014	940.43926070	945.04940011
2510.500	57.26094010	1070.57808458	924.65040466	981.75215865
2511.000	56.31631095	924.39997700	918.18133625	1016.91462600
2511.500	55.79469211	971.22645719	960.25976501	1037.15203640
2512.000	55.73095290	1087.99137456	1045.89634057	1050.17049377
2512.500	56.08767915	1219.64254097	1089.89025270	1051.13756679
2513.000	56.60512801	1251.73096812	1092.64979762	1051.66634320
2513.500	57.44552085	1251.90735512	1094.00406116	1059.30816152
2514.000	58.11731670	1244.32511060	1097.55456892	1077.29520782
2514.500	58.69202244	1176.55132479	1099.60692949	1098.11328100
2515.000	59.17815580	1119.01574525	1098.15231767	1101.96426727
2515.500	59.38560257	1097.95282153	1080.23343636	1084.17297322
2516.000	59.75110232	1099.88573859	1055.19247838	1056.93939762
2516.500	59.97622056	1099.07219471	1030.62761304	1035.26354783
2517.000	59.89481022	1081.52048927	1012.93491042	1017.57249772
2517.500	59.57121755	1058.36257113	1009.28350732	1011.15492122
2518.000	59.08733557	1022.32367038	1014.27190734	1011.97450817
2518.500	58.54572834	1026.69905580	1031.78199204	1032.60423271

2519.000	58.13594911	1016.01375943	1069.18840768	1065.78471923
2519.500	57.93463638	1204.17669691	1124.06723060	1088.89018987
2520.000	58.03247188	1507.82648703	1161.33121781	1104.17083624
2520.500	58.10062686	1478.20382978	1182.89706529	1126.59264976
2521.000	58.28177252	1453.05276684	1220.30415364	1175.61377452
2521.500	58.54486287	1399.22436987	1257.79727697	1238.40731022
2522.000	58.80876918	1356.68647784	1295.67289848	1280.06173520
2522.500	58.98348705	1354.55470325	1320.34356816	1300.87152155
2523.000	59.20392134	1397.72075050	1328.91297737	1304.79216107
2523.500	59.37385916	1420.14743455	1323.93507642	1296.65375745
2524.000	59.77268892	1404.15650783	1315.27078871	1279.81622761
2524.500	60.49746036	1366.11840483	1306.20864751	1267.90978749
2525.000	60.97922203	1354.60482341	1297.22793304	1260.43937549
2525.500	61.69111053	1344.99652746	1288.23084425	1258.58552334
2526.000	62.14955897	1330.57429834	1279.20965483	1257.03485085
2526.500	62.35943862	1319.00387303	1270.27699990	1248.26129987
2527.000	62.17366708	1306.76609987	1261.27231554	1239.16607129
2527.500	62.12525124	1294.43471357	1250.41027455	1229.74447260
2528.000	62.10576076	1282.93873918	1239.46017741	1221.07489309
2528.500	61.72876489	1269.03539916	1228.81184621	1211.01120126
2529.000	61.34310414	1259.48643173	1217.63615684	1203.81742165
2529.500	60.88082882	1253.37926651	1207.48327857	1184.81378725
2530.000	60.19076459	1243.98124275	1191.77971601	1172.41981533
2530.500	60.13014849	1186.15913395	1171.31158120	1164.35491430
2531.000	60.13233834	1132.59807063	1150.79210831	1152.01279725
2531.500	60.16708916	1168.79795424	1132.06433201	1140.85680561
2532.000	60.52702407	1233.12657909	1112.02667646	1125.70281082
2532.500	60.93842722	1196.89047286	1089.69996330	1105.65811848
2533.000	61.32091834	1067.57364886	1074.73496001	1084.50383176
2533.500	61.74940945	1054.93130307	1059.22455642	1064.20882343
2534.000	62.06831829	1037.48644714	1044.00897526	1052.28586047
2534.500	62.33942363	1022.58011716	1027.85346145	1041.39806550
2535.000	62.54149569	1010.55846424	1014.82454638	1030.22222477
2535.500	62.66478584	1006.56377016	1009.74683972	1018.35547245
2536.000	62.75448026	1021.50136079	1006.89070401	1011.43571963
2536.500	62.68439328	1035.00425400	1001.97880144	1005.14348508
2537.000	62.37421960	1041.13022773	993.44606969	997.83435464
2537.500	62.17322535	1021.88905573	986.70860698	992.28108706
2538.000	61.51781004	982.62577268	973.44753466	979.28167925
2538.500	60.93736018	973.99217823	955.13570833	960.22886734
2539.000	60.32726923	958.80996258	939.62602417	944.59712977
2539.500	59.27705130	945.45834092	921.24687027	925.16825573
2540.000	58.44070902	925.71107785	903.41198032	910.40546729
2540.500	57.60881954	903.62519437	880.90289316	896.58367174
2541.000	57.32921439	895.20528787	866.76850136	886.82558978
2541.500	57.33963555	889.19466224	866.29088734	885.56861746
2542.000	57.64529578	890.39841218	877.34230348	898.87602726
2542.500	58.49054038	887.97389610	895.55659470	920.08294272
2543.000	59.48992282	950.27459769	935.50835735	944.63390543
2543.500	60.48409536	1091.32266406	987.71786016	979.22572332
2544.000	61.29177551	1198.21385292	1039.28539058	1008.30075226
2544.500	62.21917440	1246.74176560	1073.45144826	1047.12131775
2545.000	62.58614789	1236.42369280	1096.22931396	1093.79121056
2545.500	62.88227094	1218.71512251	1129.57199352	1129.88911774
2546.000	62.94400029	1185.58688463	1138.12472229	1164.58055130
2546.500	62.91407481	1141.26849804	1140.08857156	1183.07141325
2547.000	62.94968934	1147.67254837	1141.14974104	1177.03648269
2547.500	62.73962782	1174.07218721	1138.74379973	1155.16851133
2548.000	62.32743625	1197.88115975	1117.60519874	1128.98267521
2548.500	61.91865836	1193.13702034	1101.67767904	1109.11555056
2549.000	61.67951038	1158.05447764	1086.52311136	1092.64192374
2549.500	61.33922272	1115.99049851	1073.18060162	1076.58752729
2550.000	60.95952137	1094.41672975	1062.72736022	1060.86448322
2550.500	60.92779097	1073.69455805	1053.04528354	1043.86290719
2551.000	60.93835486	1058.05559646	1043.11926456	1029.63812303

2551.500	60.91908243	1063.99785736	1034.23372988	1014.87697329
2552.000	61.08130804	1079.65720795	1025.82304709	999.46187458
2552.500	61.14523711	1086.05058585	1017.67683621	996.67940282
2553.000	61.12410575	1028.56218759	1011.24648469	996.52229265
2553.500	61.13882976	1000.36092505	1028.94015891	1009.77650209
2554.000	61.12358764	1041.75722924	1090.23012281	1050.48394967
2554.500	61.26977629	1327.08640570	1135.63543288	1090.24395786
2555.000	61.51814289	1487.63962513	1166.13486796	1126.69826315
2555.500	61.94850161	1418.52424867	1201.66013188	1169.73871480
2556.000	62.14647467	1384.18115292	1231.84554493	1209.47507631
2556.500	62.11799011	1391.06196450	1283.67256207	1258.90771560
2557.000	62.13843715	1404.52954685	1313.23130111	1300.09697692
2557.500	61.98948071	1401.44669878	1315.76221716	1309.86904525
2558.000	61.76662733	1380.51837549	1302.07075629	1294.28691722
2558.500	61.72297964	1338.42853648	1263.56989538	1254.20495919
2559.000	61.72924643	1318.019330177	1231.98387932	1217.78414346
2559.500	61.77511612	1299.19905176	1199.26571226	1174.30104355
2560.000	61.95618198	1241.57411555	1168.16202696	1147.29695139
2560.500	62.08529190	1156.50061823	1137.38914789	1116.37677650
2561.000	62.32051995	1143.31281488	1107.39391657	1085.69845756
2561.500	62.59433402	1183.52228832	1081.73923213	1059.12604269
2562.000	62.73571938	1151.09505661	1057.27593338	1039.58734167
2562.500	62.70635282	1021.41379039	1038.30312911	1030.95366402
2563.000	62.91231374	1025.77443979	1033.39618522	1029.38044488
2563.500	63.17559498	1048.12337475	1044.16827147	1039.99373018
2564.000	62.91489807	1120.00177053	1070.88113236	1056.63956207
2564.500	62.67960284	1232.52665181	1090.86431096	1070.58815986
2565.000	62.33249000	1293.61021206	1104.46686239	1086.03797725
2565.500	62.06235317	1285.31158427	1121.20041832	1100.76448001
2566.000	61.78876492	1222.96933876	1139.46477751	1131.09229392
2566.500	61.67224636	1181.17918510	1160.97323187	1161.69012352
2567.000	61.48951222	1175.46352827	1185.66678816	1183.49883080
2567.500	61.14107627	1233.90982773	1193.94551571	1178.87759712
2568.000	60.72356850	1333.15860813	1185.91740238	1159.94841213
2568.500	60.37051498	1327.48460852	1146.22298203	1122.65565942
2569.000	60.32464639	1202.98620272	1093.72415878	1089.43174117
2569.500	60.36753160	1099.36779092	1057.79406215	1051.95054872
2570.000	60.70150399	1025.60909697	1028.12638051	1021.30421038
2570.500	61.14154897	987.81500941	997.78244946	999.17800423
2571.000	61.48830542	983.96326468	968.48687705	974.60245987
2571.500	61.68405154	978.05332196	943.21892934	950.65815753
2572.000	61.75005096	963.43691048	919.69235824	925.03484242
2572.500	61.59227837	950.25324426	902.23032800	905.82648205
2573.000	61.37561306	936.32087493	893.48792280	896.60237121
2573.500	61.30347739	914.41945279	883.07065995	885.42661617
2574.000	60.92838430	911.38017630	872.97410697	874.57647531
2574.500	60.58941062	906.53463834	862.67466710	863.73266969
2575.000	60.34057858	901.87651705	852.67305360	852.79981895
2575.500	59.95424282	897.18205472	842.37873555	846.73389912
2576.000	59.34776590	891.82691955	832.35334775	846.41778745
2576.500	58.60602478	879.47218278	828.20484554	847.62260749
2577.000	58.39295072	865.88390960	830.35650403	856.71374077
2577.500	58.34452877	863.43118970	844.05829363	866.88061241
2578.000	58.92091624	887.67408898	882.71043737	899.19510127
2578.500	59.66246406	926.80138707	914.00820850	938.30747839
2579.000	60.33930721	1097.03881580	950.50929490	976.91650061
2579.500	61.03972773	1210.80481456	989.06224353	1018.71701985
2580.000	61.72629047	1305.32613044	1036.23846451	1059.08504052
2580.500	62.41912208	1299.24711326	1085.86173584	1095.81838863
2581.000	62.94757880	1270.97245390	1113.44916210	1140.38696360
2581.500	63.17529842	1218.45369376	1127.86044500	1161.26694697
2582.000	63.38230274	1167.44084584	1137.27291077	1165.48388711
2582.500	63.53179210	1164.23541177	1140.46213817	1158.24829271
2583.000	63.52112471	1216.97345334	1140.19170118	1151.61943705
2583.500	63.52018818	1241.79852459	1138.26856862	1151.42044125

2584.000	63.53167078	1196.83717453	1137.14278943	1153.54968963
2584.500	63.47751444	1171.22445209	1158.35780934	1178.82061818
2585.000	63.17724978	1219.60802957	1194.91311609	1197.21620502
2585.500	62.93393494	1388.11947438	1249.65417328	1210.41173446
2586.000	62.52076852	1447.61485736	1278.19690185	1219.15534282
2586.500	62.12398816	1464.11795514	1285.43344195	1226.39952667
2587.000	61.75964973	1462.80921858	1288.30837618	1232.90047749
2587.500	61.69382853	1404.81289139	1278.46489990	1233.82484954
2588.000	61.35146941	1343.56909839	1259.79948782	1233.60747035
2588.500	61.37418268	1282.17434781	1242.68999902	1232.26269812
2589.000	61.53599226	1251.48004510	1233.90450983	1224.21590009
2589.500	61.56563433	1260.53303186	1226.88823049	1201.61434184
2590.000	61.99206365	1310.00828176	1215.08757208	1193.61495850
2590.500	62.37351254	1326.32794888	1192.29186524	1188.66123481
2591.000	62.71475480	1216.75910859	1186.09700538	1182.43888171
2591.500	63.14125540	1225.99847205	1185.42023738	1178.09679009
2592.000	63.34309416	1281.34969436	1183.51854738	1175.52659606
2592.500	63.31110181	1322.50060632	1183.83181609	1172.57680353
2593.000	63.33889551	1262.58304596	1184.48537104	1169.86148455
2593.500	63.27732810	1178.03964957	1184.96352823	1166.95423675
2594.000	63.07918704	1182.18801748	1185.72125982	1164.29609102
2594.500	62.73856210	1270.68050245	1183.46569618	1161.16514399
2595.000	62.31794984	1289.21222934	1176.59170514	1158.08917461
2595.500	61.93983671	1247.61881066	1170.82253055	1153.62678180
2596.000	61.38733095	1179.95378473	1168.55327967	1151.92066371
2596.500	60.90399090	1196.03066975	1174.03235511	1135.92310101
2597.000	60.72248929	1285.41506754	1149.93258096	1110.92027620
2597.500	60.74201706	1275.99366048	1109.15278040	1096.66259805
2598.000	60.73029158	1186.93041049	1076.63469506	1084.66172582
2598.500	60.74293117	1102.35592417	1053.99359451	1083.70170153
2599.000	60.72906766	1049.70679783	1055.16444700	1089.49235532
2599.500	60.73183238	1087.61604324	1072.58970086	1096.39977135
2600.000	60.09782483	1272.62075407	1109.83398111	1103.44055560
2600.500	59.36094660	1331.43974852	1146.72145414	1112.06221548
2601.000	58.62747100	1331.73016032	1163.04072424	1147.49466144
2601.500	58.14796173	1299.66923848	1196.03040036	1190.80692999
2602.000	58.20142520	1307.68446894	1254.34577734	1245.76041690
2602.500	57.87544615	1478.50906814	1329.61160219	1301.19846291
2603.000	56.97374906	1660.83552305	1399.33862147	1347.00198774
2603.500	55.84201311	1824.66683367	1458.25171240	1384.10161030
2604.000	54.53766091	1818.65541082	1511.61096067	1417.69513943
2604.500	53.51849253	1820.65921844	1559.53726878	1445.10999734
2605.000	52.56335534	1835.76246236	1578.50671257	1480.67655813
2605.500	51.80975886	1832.08649463	1577.97901743	1487.85130202
2606.000	51.40997244	1739.61095235	1556.47742932	1486.18503935
2606.500	51.39493813	1637.41686192	1530.48650236	1474.27086727
2607.000	51.95760269	1584.13660743	1505.25415502	1446.07977123
2607.500	52.68892963	1590.37010427	1476.79709614	1422.92311949
2608.000	53.69178347	1586.08509240	1457.90787129	1399.83260496
2608.500	54.69621156	1566.21930419	1452.07127212	1392.37608625
2609.000	55.62479738	1572.56907406	1454.85196788	1391.38703178
2609.500	55.76265019	1590.80823127	1461.61294383	1398.93202738
2610.000	55.68354699	1607.29219674	1479.60240947	1414.94071365
2610.500	55.57354972	1624.50475570	1502.41517812	1435.48742734
2611.000	55.57182147	1720.05836585	1524.42736186	1462.38032425
2611.500	55.55525857	1811.46060914	1545.99494026	1480.69185312
2612.000	55.70952482	1855.55182501	1539.83997764	1491.89924171
2612.500	55.78063280	1631.35459797	1523.93571488	1500.95956662
2613.000	55.86337470	1636.88366285	1513.14382707	1505.33658366
2613.500	56.34675089	1614.57258265	1504.02594270	1499.82897019
2614.000	57.01951072	1589.28187862	1500.42576555	1483.51099084
2614.500	57.71863731	1553.44696804	1498.15493790	1455.77516030
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2615.500	59.16120571	1630.74704808	1465.73589735	1345.58538759
2616.000	60.10708440	1690.98397921	1360.66813941	1279.50520215

2616.500	60.87420990	1463.41680379	1266.93955239	1201.94222193
2617.000	61.81652969	1327.12090084	1157.95407454	1146.84085647
2617.500	62.62958994	1211.72608431	1110.78214320	1111.85238991
2618.000	63.11807362	1143.11165692	1061.87886081	1079.49366071
2618.500	63.39447957	1100.24788745	1041.80452368	1061.67926075
2619.000	63.55330013	1084.81750290	1040.82262994	1053.37366507
2619.500	63.92867431	1095.51018797	1049.67402035	1053.89862741
2620.000	64.48228743	1131.30592047	1059.81568786	1055.30336618
2620.500	64.88530227	1184.65445478	1081.13701934	1065.56796300
2621.000	64.91667479	1285.48379993	1100.86535668	1077.21735912
2621.500	64.91228080	1257.98991464	1118.70138065	1089.96411472
2622.000	64.91064639	1235.50436265	1136.21251957	1106.54550093
2622.500	64.91453020	1221.23488808	1141.64012661	1126.30811683
2623.000	64.90431453	1210.23563777	1138.30656560	1136.33105777
2623.500	64.92308450	1169.39833866	1132.97172894	1131.83826699
2624.000	64.85854161	1126.67849351	1128.64122823	1125.21391509
2624.500	64.69881973	1130.86794368	1123.82842214	1120.47093720
2625.000	64.71074354	1170.29949709	1119.22669446	1115.34782129
2625.500	64.73990930	1192.67373244	1111.67700354	1110.01855442
2626.000	65.10056226	1195.48119725	1107.72252169	1106.36697489
2626.500	65.54173441	1183.71015871	1109.85595994	1105.86490070
2627.000	66.27235459	1140.05587256	1112.85723780	1111.55194443
2627.500	66.67491144	1117.37704117	1124.77606658	1117.49783796
2628.000	66.70748190	1171.84781941	1147.55816049	1128.07440564
2628.500	66.69609000	1275.16423052	1169.93398204	1143.14029300
2629.000	66.71558129	1364.90136952	1190.96797223	1152.28261850
2629.500	66.55487541	1336.49442314	1203.95371849	1160.87033536
2630.000	66.42244614	1276.17643637	1210.78664864	1169.48601858
2630.500	66.25509750	1288.75596694	1209.17269846	1177.52204572
2631.000	66.10100293	1313.46671725	1199.95662129	1184.68912669
2631.500	65.96704786	1245.55779852	1194.52800303	1191.18608605
2632.000	65.75389833	1165.41412826	1197.13678305	1198.32076498
2632.500	65.54930739	1211.50170341	1211.02751690	1202.78092733
2633.000	65.37558569	1385.62686001	1237.21609027	1205.34954013
2633.500	64.99317984	1524.09569138	1254.38985163	1207.22176663
2634.000	64.90019088	1455.96623246	1267.94605369	1216.81348786
2634.500	64.76912371	1385.83296593	1283.18901803	1235.01593382
2635.000	64.69248649	1403.86723447	1296.59497345	1247.87526772
2635.500	64.71627699	1405.87104208	1301.43655175	1260.06687045
2636.000	64.73452498	1374.95951677	1297.42207149	1265.18665951
2636.500	65.11373195	1366.12275316	1295.93605430	1267.12761980
2637.000	65.37231370	1373.22580537	1300.75503465	1268.87046890
2637.500	65.51938110	1376.35613367	1310.49084401	1272.34112080
2638.000	65.49415583	1403.51110031	1321.30378791	1277.07453622
2638.500	65.53542555	1449.57826353	1331.67910523	1281.06003187
2639.000	65.31056712	1441.34082535	1341.74825763	1285.29433867
2639.500	65.08424417	1403.11944594	1350.72040456	1289.92695772
2640.000	65.12683318	1485.46327073	1351.22702451	1299.39769066
2640.500	65.09925382	1542.60637149	1345.18514739	1309.44695111
2641.000	65.12626057	1351.63668903	1332.16604570	1319.76370051
2641.500	64.93851574	1379.06501381	1376.71455896	1329.24334334
2642.000	64.45676896	1643.73705444	1424.10963581	1341.17553207
2642.500	63.90190794	1796.63410612	1449.61993361	1355.27141196
2643.000	63.52575120	1766.27627700	1466.35779287	1368.22530746
2643.500	63.10081472	1650.33557114	1505.92699741	1381.88346158
2644.000	62.89228012	1670.37364729	1530.76809343	1393.29157008
2644.500	63.09018205	1784.59068136	1528.28548368	1393.57530926
2645.000	63.57708763	1854.72394790	1481.83870222	1390.37163042
2645.500	64.11013507	1642.97157816	1409.37926026	1381.79756091
2646.000	64.66013436	1467.36389018	1374.36556504	1370.27304455
2646.500	65.12196805	1393.84819639	1349.12492279	1360.00110652
2647.000	65.51397290	1400.61305090	1346.76851774	1348.66553995
2647.500	65.74486062	1421.48093687	1345.69962610	1341.93406937
2648.000	65.65203422	1451.00051641	1351.64227322	1335.10036376
2648.500	65.47767793	1478.01782696	1359.98966736	1328.35958397

2649.000	65.10924827	1520.55308541	1371.89609842	1321.35817477
2649.500	64.85579592	1516.36990589	1386.76381398	1313.41467987
2650.000	64.55889202	1467.51992168	1392.93858144	1288.86087253
2650.500	64.20258411	1446.32340006	1396.60574141	1262.45213820
2651.000	63.88269388	1511.42886553	1345.16801320	1217.79554883
2651.500	63.51502728	1652.33937876	1257.98852152	1149.52593842
2652.000	63.11404203	1548.61828898	1139.16463543	1106.22292431
2652.500	62.73838906	1245.23580461	1062.15521522	1080.98367305
2653.000	62.77822623	1007.11332665	1021.94962384	1064.57302412
2653.500	63.49937022	1013.12474950	1025.49042903	1057.48419645
2654.000	64.35046195	1068.43712625	1033.35433299	1051.42230741
2654.500	65.46656262	1147.23777154	1053.93121433	1047.62934224
2655.000	66.31487597	1213.50551102	1074.51516274	1051.08325265
2655.500	66.96514578	1279.63116232	1099.96752628	1074.36125172
2656.000	67.50507657	1271.61593186	1119.60731759	1094.94885397
2656.500	67.89611095	1236.42907014	1146.43413796	1126.96207032
2657.000	68.27188491	1205.49028056	1173.47429446	1156.07391686
2657.500	68.26161434	1213.50551102	1189.31930657	1159.64016618
2658.000	68.03088964	1251.57785571	1183.02322427	1138.13091790
2658.500	67.88857887	1249.57404810	1138.64271287	1103.42706397
2659.000	67.89611745	1173.49781989	1091.76532937	1068.88497521
2659.500	67.89214179	1073.01771784	1049.84284173	1044.41107268
2660.000	67.89274393	1008.57331890	1020.47478883	1018.71446126
2660.500	67.89365237	985.95088810	989.96476760	997.82001701
2661.000	67.88906645	980.09631393	969.68818990	982.41940072
2661.500	67.89819825	984.92254070	962.07124835	968.24089706
2662.000	67.87973101	987.18153070	951.60741469	955.30363243
2662.500	67.94162807	988.30834071	950.29131360	947.86585028
2663.000	68.10474595	985.75679640	949.74153991	947.63931416
2663.500	68.08455563	984.00802567	949.14404158	947.00474274
2664.000	68.09595704	981.88751815	948.96125151	947.92091172
2664.500	68.08934985	979.79707770	949.00837234	948.44614388
2665.000	68.09497086	977.90343329	949.05319163	948.78148732
2665.500	68.08936177	975.19613470	948.82874069	946.92964664
2666.000	68.22534465	971.64820943	945.59466751	944.47646326
2666.500	68.46774628	968.81827649	940.90976562	937.51488845
2667.000	68.35575035	963.93120495	932.92390438	930.73500621
2667.500	68.24734288	957.18141754	923.41727766	923.59946403
2668.000	67.91254578	950.81714161	914.52567629	917.39679437
2668.500	67.46521029	944.38735274	904.53980892	909.83787240
2669.000	66.70533949	935.98659659	895.41170522	901.09917548
2669.500	65.91241682	927.66814014	886.81756829	893.54471264
2670.000	64.86589066	920.95448371	877.67956639	885.23542818
2670.500	64.08365791	920.75010519	868.07925860	879.04267721
2671.000	63.37052987	921.22088369	860.13183466	878.94685892
2671.500	62.71952753	913.58640412	858.44091596	884.10048898
2672.000	61.94415465	900.31243312	863.87849934	892.20537407
2672.500	61.66406756	908.63049071	895.21266249	909.18955072
2673.000	62.09200971	937.15531786	943.98468313	944.60807098
2673.500	63.05029637	1045.63525330	986.70650186	976.92180111
2674.000	64.24749459	1118.17739105	1028.11059473	1008.91819124
2674.500	65.53819715	1167.59683748	1070.75317804	1041.19653877
2675.000	66.53046597	1193.98136926	1114.48810914	1076.61381617
2675.500	67.12553036	1196.57199772	1143.51084286	1121.51950487
2676.000	67.34044616	1238.16692671	1166.21898399	1133.84653641
2676.500	67.08001382	1445.90776156	1171.61823121	1131.53483809
2677.000	66.44172826	1438.58049901	1131.12610062	1099.15611336
2677.500	65.87514297	1258.10224462	1064.11476332	1063.76982996
2678.000	65.11021021	1126.05725647	1023.31301141	1045.54576348
2678.500	64.34443936	1079.25040080	1004.64621371	1030.73459036
2679.000	63.90246794	1085.26182365	998.31650026	1025.10334197
2679.500	63.67591121	1085.26182365	1003.17718560	1020.68122343
2680.000	63.91079888	1093.27705411	1026.62467244	1019.54496846
2680.500	64.18006394	1194.64968136	1066.33267177	1032.64093049
2681.000	64.35136326	1329.72635271	1104.75422256	1047.53589095

2681.500	64.68103303	1409.87865731	1130.16747440	1066.98340186
2682.000	64.71194423	1395.85200401	1136.29376699	1082.24391644
2682.500	64.73017939	1358.53108717	1134.65392074	1104.13516454
2683.000	64.66108315	1307.98904770	1129.27676226	1125.37567005
2683.500	64.37025952	1163.41032064	1143.83695886	1143.14132872
2684.000	63.42517067	1097.28466934	1163.38724533	1158.58315861
2684.500	62.63445283	1414.42730060	1202.32897385	1174.42731290
2685.000	62.08476922	1896.80390782	1262.47012127	1187.43149276
2685.500	61.53320602	1878.76963928	1287.50965933	1209.93166429
2686.000	61.54427106	1800.62114228	1316.19498454	1231.86237213
2686.500	61.37570479	1812.64398798	1367.42406869	1301.19965668
2687.000	61.33651510	1836.68967936	1459.74352299	1453.66319739
2687.500	61.77569849	1846.70871743	1520.43422117	1536.56901524
2688.000	62.33928639	1780.58306613	1558.81536767	1608.34458894
2688.500	62.71530460	1748.65694589	1560.76372262	1602.70932866
2689.000	62.98514951	1706.50776353	1540.20308327	1575.41087512
2689.500	62.65775399	1682.65698798	1518.07814773	1539.28558332
2690.000	62.30071375	1650.29560013	1506.42300440	1517.47391961
2690.500	62.32043133	1604.70345765	1506.35487451	1486.50417256
2691.000	62.47562231	1589.11565746	1529.45949439	1434.76700936
2691.500	62.51537788	1601.41668629	1516.64471178	1383.19390300
2692.000	62.83071315	1583.59099501	1416.53983412	1194.45937793
2692.500	63.39238575	1576.49545974	1284.32876825	1146.13442120
2693.000	64.03809063	1501.72592104	1131.67197754	1088.12308371
2693.500	64.72521704	1299.01075733	1046.44237873	1036.03137158
2694.000	65.32654563	1102.45449299	981.90568916	998.61536573
2694.500	65.70268667	1007.11332665	947.80786848	981.91206679
2695.000	66.07691061	1007.11332665	943.84277928	970.16914427
2695.500	66.10842196	1009.11713427	945.94956991	966.82617605
2696.000	66.12296387	1037.17044088	984.29256298	968.15743168
2696.500	66.54864376	1235.54739479	1022.28591170	982.92095138
2697.000	67.11127721	1379.82154309	1056.64521050	1009.62614705
2697.500	67.49497872	1365.79488978	1076.26930909	1040.93221351
2698.000	67.763671462	1253.09517208	1096.43973637	1079.66031095
2698.500	67.89946175	1217.74644982	1118.34122824	1115.90431725
2699.000	67.88261470	1176.27893134	1138.54083095	1142.38314603
2699.500	67.90713488	1164.34085865	1142.32130982	1156.01265302
2700.000	67.86020436	1172.99599458	1138.29232386	1149.07006087
2700.500	68.09774554	1172.36628235	1125.17234704	1123.05934626
2701.000	68.42184124	1158.19214588	1109.31990588	1105.98908156
2701.500	68.86635417	1134.79572671	1092.27175896	1102.63742512
2702.000	69.54854640	1112.08108305	1087.80733243	1101.43828073
2702.500	70.26764098	1109.24522975	1087.20303295	1100.79586447
2703.000	71.02726762	1128.62086337	1093.23667932	1098.09375093
2703.500	71.07979675	1162.21647516	1101.02820628	1094.66360760
2704.000	71.08596478	1188.06110791	1106.76590349	1089.86704955
2704.500	70.92053366	1172.51880885	1111.55665622	1085.12604159
2705.000	70.28002232	1141.98815680	1110.82025199	1077.05868456
2705.500	69.65056517	1175.52392551	1110.91741995	1068.47228731
2706.000	69.44401326	1198.29690598	1093.79573827	1052.95277460
2706.500	69.09537668	1143.44208762	1046.16605998	1031.12475183
2707.000	68.68075732	1088.29594707	1015.50960809	1016.79108928
2707.500	68.29726749	1051.97520731	989.63898853	1015.84695593
2708.000	67.87490755	1005.39616306	984.86418579	1012.87221045
2708.500	67.66872564	1002.44867218	986.64286896	1020.04234876
2709.000	67.71213238	1064.80651906	1028.97739864	1044.23366107
2709.500	67.59286970	1310.19993059	1089.80754324	1073.71559170
2710.000	67.36753759	1569.58604558	1142.65827021	1101.11387745
2710.500	67.07231507	1590.97165909	1189.85099480	1133.95135493
2711.000	66.87490501	1535.12787120	1245.08222322	1210.61791703
2711.500	66.91034180	1520.30828468	1280.57458665	1283.80707148
2712.000	66.87902433	1521.51768969	1323.70424164	1356.11185470
2712.500	66.94543793	1494.66970129	1366.02529128	1385.37039601
2713.000	67.13539125	1449.19743291	1387.45384751	1400.55740653
2713.500	67.49042580	1444.18746830	1378.73589757	1391.97066718

2714.000	67.75978402	1465.16897186	1343.65109331	1359.58262725
2714.500	68.02733699	1527.64784606	1310.88685524	1321.43714113
2715.000	68.28353574	1505.33152235	1276.79034789	1304.36159576
2715.500	68.69578219	1335.64341936	1253.42411400	1297.36291379
2716.000	69.05407752	1267.92676434	1265.70532866	1272.76248410
2716.500	69.09157951	1383.21982181	1303.30136809	1242.20684624
2717.000	69.08555933	1578.19849699	1277.42026979	1205.61015359
2717.500	69.08417851	1514.07665331	1224.13525250	1164.04779462
2718.000	69.08837334	1336.57436523	1150.26061736	1138.81732170
2718.500	69.07559440	1238.67333467	1122.37302910	1124.54780320
2719.000	69.22365566	1210.44827312	1100.63851231	1100.92952133
2719.500	69.33818700	1195.47124248	1083.59211400	1080.15748407
2720.000	69.52577178	1151.38747495	1073.95243810	1071.88091116
2720.500	69.73651161	1151.38747495	1065.11237242	1065.60124224
2721.000	70.04161184	1168.32981792	1063.14962153	1062.65665385
2721.500	70.78905834	1189.29055577	1063.92182786	1064.81199111
2722.000	71.31280624	1195.24133720	1077.89176056	1071.50923348
2722.500	71.62756941	1191.44186421	1100.47767840	1090.18503306
2723.000	71.68681749	1257.23984289	1120.91955153	1118.61873703
2723.500	71.66785780	1310.84404788	1142.58394630	1145.65030394
2724.000	71.67932666	1280.85351667	1163.14449754	1162.20656943
2724.500	71.54565278	1247.38145107	1185.86593917	1164.31724678
2725.000	71.27067081	1268.54312300	1210.55089534	1151.11003861
2725.500	70.89257697	1372.58196016	1205.88599094	1116.18584401
2726.000	70.31721557	1433.78460788	1136.05167670	1080.77190472
2726.500	69.88685356	1289.57547936	1071.97647963	1051.99640853
2727.000	69.31897328	1086.49666397	1018.97684333	1022.14774626
2727.500	69.04641314	1005.49279897	992.69849805	1008.43925453
2728.000	69.12274787	1009.94956966	986.70366908	996.76061917
2728.500	69.47981841	1027.44844143	987.33166411	992.64964711
2729.000	69.72756435	1059.94197262	988.40716104	993.96786564
2729.500	69.89650065	1111.51483018	1009.04843852	998.32648687
2730.000	70.22351667	1166.48281633	1033.02442611	1010.22715266
2730.500	70.39935949	1182.84086966	1047.10630583	1029.04971816
2731.000	70.66405373	1173.36405264	1061.93369343	1053.81477620
2731.500	71.08909034	1159.57258811	1082.18835720	1080.79589821
2732.000	71.30906142	1147.14051345	1102.65556392	1100.22441193
2732.500	71.10820068	1146.57787934	1116.23408220	1111.77667993
2733.000	71.08714254	1175.38885650	1127.11966713	1125.80310593
2733.500	70.91661896	1194.23188201	1129.98064592	1132.36642852
2734.000	70.88839891	1183.70660837	1130.23923622	1132.85413544
2734.500	70.68229851	1179.27036786	1131.07825636	1133.78365335
2735.000	70.45240525	1185.26866875	1130.94530192	1135.23546041
2735.500	70.45825078	1180.14938905	1127.43224884	1131.30955195
2736.000	70.20061717	1167.44883486	1122.67649101	1117.62038467
2736.500	70.08923118	1168.52154839	1108.99386699	1105.42881203
2737.000	70.02834044	1176.37610844	1093.42687097	1096.33181836
2737.500	69.86756572	1152.74752806	1087.76928136	1089.00402043
2738.000	69.88073979	1100.09572655	1087.05286185	1083.09374632
2738.500	69.88443833	1085.88045692	1090.04827900	1086.64791405
2739.000	69.86178074	1120.19324878	1098.42814006	1096.97970818
2739.500	69.93968580	1189.35870453	1115.47345685	1106.90711180
2740.000	70.06745426	1217.36874062	1130.45843875	1117.21887581
2740.500	70.26766988	1218.65689238	1145.60668428	1130.31360407
2741.000	70.53773847	1225.41961613	1160.85265522	1147.84814826
2741.500	70.86056431	1234.20555722	1174.80526839	1164.64169119
2742.000	71.15540835	1243.36526739	1179.53022455	1169.45257593
2742.500	71.26926028	1262.61571727	1179.22126900	1169.61730934
2743.000	71.28751948	1254.88604917	1175.51121637	1169.02365741
2743.500	71.22802086	1183.06808577	1174.09395460	1167.20117817
2744.000	70.93517108	1141.24001904	1176.25794154	1163.32485162
2744.500	70.67954635	1176.37218570	1182.10111680	1160.00015904
2745.000	70.41531129	1313.56800324	1186.19900901	1152.30208125
2745.500	70.23300303	1292.75971669	1181.47179532	1144.38463635
2746.000	69.93079120	1229.58559812	1168.96751241	1141.42853157

2746.500	69.72117197	1183.96299864	1154.82985085	1133.87746045
2747.000	69.67515998	1205.09645141	1140.54324294	1122.46564765
2747.500	69.55129196	1239.57778193	1121.51143014	1115.24563359
2748.000	69.31036499	1202.54895595	1105.84157126	1115.16572596
2748.500	69.28686403	1084.63568721	1102.71926323	1115.48333346
2749.000	69.26258486	1104.33236941	1111.00302909	1119.25427544
2749.500	69.47091110	1289.46593783	1147.90437248	1127.81642205
2750.000	69.74924391	1408.56477205	1169.77480722	1139.13294611
2750.500	69.91947612	1350.09743713	1197.01583137	1165.49094254
2751.000	70.23613211	1296.26461639	1217.40853812	1186.53208712
2751.500	70.42171043	1316.64187998	1257.75323948	1220.67879222
2752.000	70.63802683	1423.65216778	1292.56794031	1246.93681387
2752.500	70.68777074	1408.18504459	1294.51165576	1257.22523888
2753.000	70.67187418	1373.40969363	1290.01114101	1250.69066415
2753.500	70.68510510	1356.42665458	1259.54469373	1234.14684056
2754.000	70.66678290	1334.49448796	1223.09249391	1218.38632138
2754.500	70.69801135	1271.85227891	1195.42531744	1216.42285673
2755.000	70.49018597	1172.03878054	1192.33478884	1223.71511539
2755.500	70.07934610	1202.34580827	1194.45754233	1222.95750109
2756.000	69.66620357	1251.62976613	1247.34007758	1219.73366152
2756.500	69.46175870	1497.07747037	1275.36850347	1213.87711915
2757.000	69.48723234	1581.66277292	1264.16521500	1210.77468810
2757.500	69.60482251	1488.29958174	1245.38303442	1213.00785015
2758.000	69.88423360	1344.92664417	1239.24199796	1220.85001107
2758.500	70.24086550	1302.69459887	1240.23017793	1236.60916665
2759.000	70.41666071	1311.91283355	1245.27369212	1243.55317123
2759.500	70.64203308	1305.20599037	1249.57572580	1242.18992847
2760.000	70.67880617	1335.40060542	1254.29377808	1240.38950457
2760.500	70.68637974	1444.75418556	1269.83881628	1241.32384983
2761.000	70.63233860	1483.47184368	1281.94473249	1250.11652787
2761.500	70.46052212	1391.62567545	1292.85460768	1264.54323462
2762.000	70.49446468	1402.18167534	1315.28538170	1278.35964601
2762.500	70.46021629	1496.27257832	1341.38009564	1290.20614094
2763.000	70.51125534	1523.74612148	1341.94420586	1296.17373546
2763.500	70.27062530	1473.85654833	1323.62818881	1295.71179552
2764.000	70.07087283	1442.39607474	1304.78345717	1293.33590269
2764.500	69.91232449	1410.37880395	1295.02736604	1288.20926741
2765.000	69.46248050	1410.32825796	1287.76016052	1277.14203261
2765.500	69.09853766	1416.75791454	1283.78900237	1277.34791081
2766.000	68.66465678	1351.99033659	1287.48675971	1286.64141212
2766.500	68.46566040	1361.31989390	1315.19324750	1287.85364857
2767.000	68.52511451	1484.56349151	1341.35803099	1287.38503312
2767.500	68.87507403	1645.35672494	1345.74107895	1288.05468360
2768.000	69.31493158	1628.98602433	1329.36537388	1286.79490831
2768.500	69.96328895	1418.22936138	1309.50047705	1295.10684528
2769.000	70.30113061	1344.66484149	1304.23463564	1307.41035986
2769.500	70.28087457	1354.17041483	1308.61193362	1308.93043796
2770.000	70.14407401	1364.50026375	1315.38895862	1309.83737174
2770.500	69.93436916	1472.69812223	1311.27789446	1300.97018619
2771.000	69.69920272	1455.77508471	1297.84660959	1289.52008176
2771.500	69.27759344	1387.49913649	1289.74942023	1289.84790519
2772.000	68.89509206	1331.03111473	1293.10794323	1291.58738253
2772.500	68.47692015	1340.94377798	1300.92426156	1300.18691823
2773.000	68.23202048	1392.50854131	1308.25063666	1299.12927499
2773.500	68.04047936	1399.06466746	1314.45628029	1284.76627388
2774.000	67.74268846	1381.69645224	1312.29131422	1264.01962324
2774.500	67.53242440	1382.79416492	1310.84813782	1242.37318657
2775.000	67.48315991	1370.50820787	1265.16863755	1212.80783041
2775.500	67.49090537	1305.57708490	1216.98251805	1186.75720198
2776.000	67.52115504	1248.84573504	1170.51192940	1147.37363337
2776.500	67.88623414	1187.71482682	1116.73291437	1099.76188911
2777.000	68.29085152	1133.62961071	1066.12060760	1086.10793241
2777.500	68.68418734	1052.07078465	1047.21652746	1079.67586722
2778.000	69.09021568	1027.68787996	1042.97250217	1078.90707796
2778.500	69.47652596	1079.20617132	1062.75293394	1077.03748516

2779.000	69.89935226	1264.55305615	1093.22688459	1077.12251195
2779.500	70.10720267	1297.96027925	1105.47316925	1077.56979733
2780.000	70.14571483	1270.77959480	1113.41574943	1090.37899243
2780.500	70.25051519	1238.58839029	1120.25029340	1109.41100891
2781.000	70.27718556	1197.93802602	1127.35671128	1123.81886158
2781.500	70.29072153	1156.48941202	1134.47301285	1136.69313755
2782.000	70.23648743	1127.67275463	1137.80118735	1139.70995279
2782.500	70.03294885	1152.13710148	1137.88363782	1139.52437988
2783.000	69.69730824	1187.79733318	1138.34890182	1141.49365541
2783.500	69.26806962	1224.69279569	1138.72778467	1142.01168172
2784.000	68.92786199	1215.90351119	1138.95829081	1142.58726020
2784.500	68.85931185	1213.50638618	1140.66868213	1143.05379271
2785.000	69.07153262	1207.90790652	1145.72084961	1143.57896303
2785.500	69.36036038	1179.28624397	1150.77782429	1144.10342259
2786.000	69.47644285	1155.98601824	1151.35636383	1144.60827824
2786.500	69.52066722	1171.41653219	1146.11679740	1145.17851946
2787.000	69.84057811	1202.88228160	1145.95326298	1145.71782343
2787.500	70.02013981	1178.05148066	1155.33392666	1146.83781855
2788.000	70.24992046	1210.71013038	1172.25558542	1146.76414512
2788.500	70.14887693	1287.95781372	1183.72674488	1143.59282823
2789.000	70.02290527	1334.20821367	1179.12431466	1135.67514698
2789.500	69.83996522	1306.05522421	1153.59611546	1123.37527584
2790.000	69.52542487	1223.69081238	1116.18014550	1112.24162585
2790.500	69.47263659	1154.03083401	1090.01362638	1111.70164108
2791.000	69.49660116	1121.71058815	1082.11139921	1118.53276962
2791.500	69.44065762	1080.95914919	1079.72211137	1125.66774159
2792.000	69.23325860	1115.85845959	1097.66064302	1140.05649585
2792.500	68.90969878	1209.36226797	1153.50215372	1155.70524277
2793.000	68.42853547	1427.86564697	1213.86715688	1171.91844706
2793.500	67.90888002	1636.28637313	1256.15771963	1197.17384307
2794.000	67.89325950	1717.68903607	1292.08600387	1222.28004657
2794.500	67.88073048	1618.65700911	1315.74202751	1250.19533749
2795.000	67.92745453	1556.00889921	1307.61089718	1266.58957650
2795.500	68.27268127	1481.41765733	1279.02385512	1264.93215676
2796.000	68.83364353	1232.69471245	1227.96585109	1260.32613343
2796.500	69.30734839	1237.09802829	1215.65583319	1237.09960256
2797.000	69.63546000	1224.30976883	1224.40079413	1225.94708821
2797.500	69.83991624	1469.00040318	1240.35414810	1223.59056480
2798.000	69.90146849	1471.55915333	1242.47188807	1223.25063069
2798.500	69.84522964	1413.81642983	1248.83415893	1240.04826315
2799.000	69.52956606	1390.06950545	1280.50064302	1269.08351577
2799.500	69.35661690	1425.01998409	1326.46486017	1300.67144169
2800.000	69.02373907	1537.80952950	1374.78276248	1333.12524970
2800.500	68.56688475	1561.40594520	1415.84800858	1362.71803444
2801.000	68.04641064	1568.70203360	1453.79085793	1390.87950567
2801.500	67.32914928	1650.37828855	1495.65368253	1417.09936702
2802.000	66.29374653	1742.42078286	1531.75713328	1443.64168262
2802.500	65.28714154	1793.52532230	1553.04560411	1469.68575041
2803.000	64.37698505	1750.33349912	1570.93518444	1495.64331081
2803.500	63.49859241	1717.44489369	1591.29698609	1522.38014401
2804.000	63.33958684	1723.68388143	1619.67013598	1549.79241292
2804.500	63.69791621	1747.78685000	1641.58465928	1569.55482918
2805.000	64.28705101	1811.82410720	1659.40590239	1570.18041240
2805.500	65.12921276	1880.23558894	1671.67622554	1567.64766465
2806.000	65.73306523	1885.92249896	1674.36935599	1562.26275405
2806.500	65.93041141	1826.08425526	1655.85307557	1542.57171787
2807.000	65.83478068	1762.33867222	1632.55388207	1537.05979300
2807.500	65.15544679	1739.83062662	1598.44395680	1523.18038605
2808.000	64.70357691	1746.50760466	1565.78728049	1506.13980242
2808.500	64.44326962	1574.99221497	1538.81012891	1488.81947775
2809.000	64.32278876	1582.62484517	1538.75126794	1470.67005716
2809.500	64.15374962	1737.18228475	1536.19956823	1452.68256897
2810.000	63.95450723	1816.65160321	1499.88987451	1436.19791165
2810.500	63.79595053	1548.14138277	1466.08565593	1414.06650908
2811.000	63.70651526	1538.12234469	1453.99599365	1404.34965597

2811.500	63.71171090	1560.16422846	1446.38693472	1395.74106244
2812.000	63.74976558	1538.12234469	1429.39292985	1387.05082928
2812.500	63.97316998	1496.04238477	1396.32330050	1378.15389071
2813.000	64.24830631	1472.86834970	1388.76455638	1372.13200080
2813.500	64.50529673	1457.97004008	1388.14571905	1373.11894847
2814.000	64.90557701	1474.71340605	1394.40580489	1374.05091045
2814.500	65.34160842	1493.99649057	1400.45292394	1375.47360439
2815.000	65.96854523	1488.42562424	1412.51758056	1375.02780920
2815.500	66.50778291	1533.51607684	1424.10710379	1372.37132654
2816.000	66.89784397	1553.73837207	1417.30310455	1365.92878591
2816.500	67.30002102	1518.39334603	1392.55684553	1347.35833131
2817.000	67.69780304	1440.60468828	1366.14076321	1328.91868654
2817.500	68.06872257	1403.48651206	1346.59881608	1310.79758766
2818.000	68.08830780	1381.10404745	1310.51995008	1288.96366761
2818.500	68.13829378	1323.27462691	1280.34364717	1270.55187425
2819.000	68.31632074	1334.91285541	1249.43021860	1239.99834740
2819.500	68.24418646	1336.04698742	1215.55402568	1196.98698002
2820.000	67.94571497	1303.03453965	1192.36783434	1179.40982068
2820.500	67.83897015	1246.82284860	1166.30834999	1173.90934374
2821.000	67.67910648	1228.97868599	1157.05904614	1173.23160874
2821.500	67.70983054	1187.95197833	1164.47621688	1192.40290923
2822.000	67.54555340	1215.00240454	1214.03180130	1216.21733979
2822.500	67.35027708	1508.35104458	1271.48206877	1229.19731065
2823.000	67.13063125	1732.60728926	1334.94784335	1257.70467646
2823.500	67.09993166	1896.23064802	1387.70663430	1300.10465547
2824.000	66.94777172	1882.00349495	1442.11300390	1356.61058113
2824.500	66.91090021	1820.31625447	1497.97844294	1420.44664219
2825.000	67.25634923	1730.93393308	1537.06879221	1468.88614477
2825.500	67.65507333	1632.11428056	1526.54532993	1484.05511898
2826.000	67.83682976	1565.20129985	1498.98915404	1489.52012050
2826.500	67.95846355	1529.36570541	1459.15855378	1459.23203396
2827.000	68.09961726	1493.53011097	1439.82624866	1434.38066265
2827.500	68.10365055	1457.97004008	1423.45210946	1421.98416402
2828.000	67.93313244	1457.97004008	1418.27476055	1410.66193189
2828.500	67.34171683	1489.24947695	1425.16924202	1410.58675663
2829.000	66.87322912	1542.05982665	1447.85568063	1411.92392663
2829.500	66.09762134	1586.50303814	1465.44374352	1413.06000674
2830.000	65.47937513	1630.67383922	1483.27897329	1418.43721220
2830.500	64.84513774	1617.76036009	1491.80036609	1427.05502367
2831.000	63.82234590	1579.78191935	1491.29369044	1430.16129465
2831.500	62.96322670	1556.40923510	1484.81091808	1429.92452297
2832.000	61.85295659	1558.42643354	1470.67656272	1429.08267914
2832.500	60.87406103	1531.44992602	1454.65585881	1414.72665740
2833.000	60.54396391	1484.05568904	1444.09512023	1405.28757348
2833.500	60.28541573	1475.43753587	1437.82701991	1403.21783622
2834.000	60.51543314	1489.26178911	1432.07687340	1397.77149553
2834.500	61.00476918	1519.49733653	1428.35126430	1389.13951529
2835.000	61.94730996	1517.02566393	1416.38754344	1385.83694856
2835.500	62.67444989	1470.42666417	1413.68549328	1390.86278033
2836.000	63.28562195	1448.75220195	1418.78814528	1405.13906032
2836.500	63.57883669	1455.38162735	1461.43611232	1424.64345811
2837.000	63.31183736	1622.29169909	1496.74654858	1429.66209690
2837.500	63.08641349	1727.62516915	1512.84776220	1428.66509640
2838.000	62.69480990	1723.31237340	1513.22099440	1424.95926378
2838.500	62.10323383	1640.41616525	1500.55467657	1423.60176809
2839.000	61.75348582	1571.08887550	1487.62800570	1424.22302443
2839.500	61.27536645	1528.66457790	1471.44315497	1422.90106855
2840.000	60.72998420	1514.34486394	1458.70210351	1415.26599886
2840.500	60.45489640	1505.37611001	1448.33095194	1408.41540270
2841.000	60.30562884	1524.07370782	1437.55502701	1407.91277929
2841.500	60.49788301	1520.87452627	1437.43028454	1411.99259683
2842.000	60.53097263	1521.20334847	1457.32458178	1416.28538838
2842.500	60.58234315	1552.29057691	1481.50187309	1429.68764910
2843.000	60.74687964	1607.26835626	1512.23322818	1448.36133911
2843.500	60.73294941	1718.36530670	1544.37469529	1463.91912992

2844.000	60.72818800	1698.65544073	1558.41754037	1483.51795933
2844.500	60.75495880	1661.59979603	1568.64150486	1514.68661186
2845.000	60.54175825	1604.72231954	1578.95499420	1541.41016887
2845.500	60.29634419	1613.86563630	1604.87114105	1559.71194858
2846.000	60.49299612	1647.36800608	1628.47312326	1554.76950757
2846.500	60.56612345	1807.39949767	1628.69506095	1525.05095917
2847.000	60.82980920	1851.65270935	1593.91380934	1482.52235211
2847.500	61.31587301	1768.35049171	1529.20401889	1446.39962316
2848.000	61.77698957	1565.91937922	1461.34567772	1416.23151188
2848.500	62.35271697	1440.98886533	1399.42110146	1381.71528772
2849.000	63.13688053	1393.57763088	1352.36175821	1350.44373147
2849.500	63.86079577	1371.23570582	1308.78095445	1310.29824838
2850.000	64.97734198	1320.62536732	1269.76582840	1274.01703678
2850.500	66.12542862	1271.90001730	1245.87016193	1250.76573406
2851.000	66.47703220	1272.61058581	1236.86039526	1235.33002223
2851.500	66.90391489	1283.37006260	1230.33496460	1221.08829304
2852.000	67.34582842	1298.92490784	1227.22236841	1211.75930195
2852.500	67.90174032	1297.37976058	1223.79453403	1209.20760313
2853.000	68.31195477	1286.84900082	1221.40409728	1207.60923153
2853.500	68.49586562	1278.52865359	1222.08669225	1208.99900298
2854.000	68.66644864	1270.53482822	1222.40444756	1212.13784611
2854.500	69.07119147	1263.42023739	1222.96280512	1214.56135426
2855.000	69.08304402	1256.15887358	1223.22293577	1217.38864084
2855.500	69.09353992	1264.71938423	1224.78577574	1219.36521621
2856.000	69.07941464	1287.64845602	1227.61261689	1218.86956089
2856.500	69.09994975	1301.97090180	1229.12538421	1218.48604488
2857.000	68.93604468	1299.07518258	1225.35445718	1217.61657296
2857.500	68.87349531	1305.55751464	1223.38163575	1219.51814488
2858.000	68.89187031	1278.71207541	1224.00836493	1225.31641323
2858.500	68.88212381	1228.24163381	1225.40677982	1229.53600332
2859.000	68.88692690	1246.24780329	1224.34705752	1228.23720091
2859.500	68.88281225	1315.61971063	1216.81442465	1215.44962283
2860.000	68.91025396	1363.46777969	1210.24672952	1211.12009616
2860.500	69.26993372	1346.69473307	1209.95573651	1212.10626924
2861.000	69.55472188	1212.94672055	1210.97387182	1212.55632177
2861.500	69.80865427	1219.38122028	1211.87659914	1213.15244530
2862.000	70.09613806	1230.85174270	1215.04059165	1215.09739151
2862.500	70.29711871	1287.77266279	1218.14432606	1218.85639295
2863.000	70.28185582	1304.94998095	1223.64487503	1221.34036811
2863.500	70.14544645	1285.34220089	1233.04941259	1229.03510332
2864.000	69.93035991	1295.11628931	1250.94785357	1242.19981457
2864.500	69.70593168	1343.16144369	1271.03160368	1254.64870293
2865.000	69.26196251	1354.24573372	1289.69114337	1267.61296278
2865.500	69.05032321	1355.51576661	1307.72218223	1280.67242753
2866.000	68.75260598	1378.43196685	1331.73375852	1290.92252659
2866.500	68.06327560	1430.45147802	1335.75972603	1298.24480580
2867.000	67.83898873	1441.11714799	1332.56927305	1302.55272104
2867.500	67.64505456	1388.86637961	1330.74905380	1307.45563715
2868.000	67.43185507	1350.55587660	1327.77185138	1309.38184882
2868.500	67.28793621	1366.23465744	1328.74345131	1311.43657590
2869.000	67.28792163	1368.76454303	1328.59898718	1312.87597101
2869.500	67.43310849	1367.28800448	1333.68181940	1316.89856243
2870.000	67.64514308	1367.21490957	1341.67583208	1322.61695839
2870.500	67.74443744	1408.66416215	1358.84767443	1327.32698396
2871.000	67.93290208	1477.41898123	1379.94094573	1332.81228829
2871.500	68.28610433	1492.19284965	1381.91506991	1337.67926389
2872.000	68.66167169	1460.38638635	1380.36786407	1342.09997832
2872.500	68.69359942	1424.42886389	1376.68118992	1347.07605119
2873.000	68.68673557	1410.49428415	1374.08963909	1350.54221204
2873.500	68.69539524	1405.46978058	1367.46349523	1344.84002478
2874.000	68.67935664	1402.20768252	1356.28266482	1334.41412889
2874.500	68.71007829	1397.99248539	1350.90105311	1325.28922161
2875.000	68.54904043	1394.65229144	1343.11720685	1314.98578213
2875.500	68.12099487	1383.17519651	1331.47104451	1306.59676072
2876.000	67.95221661	1357.74018040	1319.07492379	1300.11780074

2876.500	67.72868113	1344.58227141	1313.74379071	1293.03558670
2877.000	67.67970322	1350.90734567	1309.34571450	1286.32644414
2877.500	67.82454817	1366.63996961	1302.79375431	1281.34724309
2878.000	68.08210521	1359.70256102	1293.21478291	1277.68458636
2878.500	68.48954035	1335.67110206	1282.38774022	1274.05314451
2879.000	68.88374656	1316.33858427	1276.99430113	1270.23215156
2879.500	69.27587906	1316.94134182	1272.75642203	1265.53676595
2880.000	69.60437416	1320.09183733	1268.57920409	1259.47177874
2880.500	70.05970441	1309.75624731	1264.39669090	1251.69525920
2881.000	70.32243870	1311.10508428	1259.21607077	1245.18864916
2881.500	70.68610557	1328.45790457	1242.23903850	1233.32159693
2882.000	70.89545781	1316.61634769	1221.97575606	1215.12722185
2882.500	71.00341446	1277.06114867	1201.26391542	1199.24018388
2883.000	71.24365641	1224.36828369	1186.25641327	1185.47149518
2883.500	71.28339692	1186.40754303	1177.51409172	1171.82081359
2884.000	71.24234280	1192.11529379	1167.64050380	1157.11304045
2884.500	70.98088454	1211.15199340	1157.56592941	1140.21219559
2885.000	70.47675137	1222.82931271	1143.94562676	1122.07555990
2885.500	70.07556803	1212.10451608	1128.75969703	1104.13748777
2886.000	69.71225719	1181.66727579	1109.27850093	1086.19979304
2886.500	69.67488726	1169.95981921	1086.67068259	1073.11771561
2887.000	69.68542087	1162.52370300	1068.50773128	1063.75131359
2887.500	69.67314986	1135.49851674	1057.16977882	1063.06722976
2888.000	69.70747580	1074.67404426	1054.84407130	1068.45819580
2888.500	69.85087844	1073.35983479	1063.48542396	1083.30503127
2889.000	70.03530099	1113.90498845	1099.18931827	1100.24330659
2889.500	70.08309520	1256.94651737	1139.67076688	1118.81667146
2890.000	69.90492683	1358.55927194	1179.69415389	1148.99307139
2890.500	69.77261277	1426.50123168	1219.83568611	1186.18520705
2891.000	69.49185423	1410.89416737	1270.14748008	1253.05425442
2891.500	69.09188626	1441.85087486	1337.89206015	1309.57028611
2892.000	68.65033004	1488.62085308	1402.38321158	1377.54632449
2892.500	67.93706419	1566.90054328	1478.98057439	1431.45983664
2893.000	67.44100666	1732.05222914	1521.87769862	1486.01810346
2893.500	66.87491290	1876.42438694	1561.11446122	1500.46387489
2894.000	66.63981764	1828.06353372	1563.11543637	1501.10825423
2894.500	66.34946867	1735.01646754	1556.21197155	1487.28499368
2895.000	66.13777434	1661.97810815	1509.94516025	1461.20167247
2895.500	66.10805959	1590.92103237	1450.51845496	1427.40259933
2896.000	66.53943239	1506.26675556	1407.06749575	1388.55147606
2896.500	67.16245851	1436.14578863	1355.05643151	1342.08790367
2897.000	68.06708977	1389.60921203	1309.95884820	1290.24434487
2897.500	68.89915636	1343.37654876	1272.07491101	1251.10616434
2898.000	69.45338492	1297.36833536	1228.05790125	1231.22259735
2898.500	70.27298180	1274.63213295	1210.74431833	1209.76435487
2899.000	70.53793087	1261.35276527	1190.99369481	1184.79193872
2899.500	70.72368072	1253.20856748	1175.67632545	1172.28546371
2900.000	71.04013639	1243.98396111	1167.21155827	1165.10727045
2900.500	71.08116461	1233.39981203	1159.86959475	1161.44953567
2901.000	71.08100830	1221.86074774	1158.99692478	1157.40436158
2901.500	71.06293504	1213.30137581	1155.56724588	1153.55593050
2902.000	71.10291689	1214.41172383	1151.50812007	1149.43330988
2902.500	70.86879867	1227.43171791	1146.86504963	1145.56288206
2903.000	70.66094551	1229.54404847	1142.44604704	1141.51182679
2903.500	70.63839773	1221.62769522	1137.93476602	1137.47849238
2904.000	70.45293139	1207.15380525	1133.34264313	1133.42325120
2904.500	70.48645865	1166.54691338	1128.40400643	1129.38051794
2905.000	70.48755137	1148.91727748	1123.28002176	1125.31096311
2905.500	70.82183992	1149.92519664	1118.29988139	1121.28804140
2906.000	71.48230853	1167.48410263	1113.05287845	1117.16207128
2906.500	71.86660371	1175.49320898	1109.36679215	1113.49892799
2907.000	72.13891621	1170.31714241	1109.31698252	1112.05322264
2907.500	72.39468417	1161.65468650	1109.18691110	1111.08575502
2908.000	72.67651562	1161.87951434	1109.99578702	1109.69987082
2908.500	72.88898246	1171.73942341	1111.76420975	1110.36156818

2909.000	72.85038057	1184.02453062	1113.41611513	1113.22648397
2909.500	72.88277087	1186.10846578	1115.13873544	1115.76336913
2910.000	72.81450015	1184.42969961	1116.81163474	1118.48518056
2910.500	72.65073594	1192.67151678	1118.52591893	1121.10956910
2911.000	72.67879778	1200.26072740	1120.18493053	1122.14443222
2911.500	72.62318807	1199.42599653	1121.93782906	1122.94901855
2912.000	72.40915859	1195.40551654	1123.22397736	1123.80073702
2912.500	72.12728510	1189.23944670	1122.87197346	1124.67369974
2913.000	71.87244050	1193.83676223	1122.44344960	1125.18355071
2913.500	71.49447509	1198.12249655	1122.02077274	1123.19166318
2914.000	71.46973054	1196.16993321	1121.59624826	1120.98248264
2914.500	71.46157500	1188.19420519	1121.17887715	1118.53458012
2915.000	71.60534373	1187.42843561	1120.74473795	1117.13318334
2915.500	71.72921160	1186.80315156	1120.34233298	1117.12428468
2916.000	71.99930855	1179.97113594	1119.88269113	1116.86323349
2916.500	72.27225841	1171.87512198	1119.54428194	1116.72980263
2917.000	72.61625999	1171.82686718	1118.66247967	1116.53165165
2917.500	72.85592358	1194.21187978	1117.38151236	1116.36845680
2918.000	73.13573535	1200.79592161	1116.24615052	1116.19724045
2918.500	73.27258104	1187.29494410	1115.04708252	1116.01491227
2919.000	73.22320663	1184.87929351	1113.89240460	1115.86315256
2919.500	72.91025192	1192.30822949	1112.69955471	1115.64652484
2920.000	72.81482059	1186.53370472	1111.56056224	1115.56609779
2920.500	72.74983199	1177.01649591	1110.32704341	1114.93027050
2921.000	72.46090313	1180.77129179	1109.28652246	1110.98535297
2921.500	72.21843818	1184.09785110	1107.27943098	1107.04991822
2922.000	71.86977387	1181.43551124	1106.08589763	1103.07583890
2922.500	71.61106169	1184.68762529	1101.42448904	1099.21617077
2923.000	71.41109398	1181.49533589	1094.50441617	1095.13971092
2923.500	71.27431580	1164.40469327	1089.05773359	1091.69168538
2924.000	71.12139336	1163.73663532	1082.36142775	1090.87842881
2924.500	71.19383841	1158.28077740	1078.60905119	1093.01246887
2925.000	71.44074547	1151.15306761	1077.22091055	1107.80568517
2925.500	71.47599911	1125.39263719	1089.28532919	1121.55900826
2926.000	71.46592648	1148.10680362	1120.90495332	1135.92699089
2926.500	71.48290525	1274.78416292	1158.33086524	1148.92474334
2927.000	71.30026037	1376.07934670	1187.89414040	1144.48647947
2927.500	70.73980626	1458.22097198	1180.94753782	1123.15901967
2928.000	70.45252839	1408.91468679	1143.60489686	1100.22754503
2928.500	70.48871038	1261.59321978	1097.61769900	1080.02714755
2929.000	70.49018103	1061.70524702	1072.41352810	1059.84512801
2929.500	70.92483655	1057.47055113	1047.63483700	1031.37478903
2930.000	71.45916759	1069.46774193	1019.11457021	1004.12969371
2930.500	71.46238261	1085.77924331	984.82771809	975.69221683
2931.000	71.46871673	1074.94645920	953.87667430	955.69489420
2931.500	70.77948690	1058.12366798	938.84489889	943.95727495
2932.000	70.24950592	1035.94321201	935.06150576	938.90925399
2932.500	70.02034700	1029.88720392	933.46471201	934.64393485
2933.000	69.87827550	1025.46902008	934.90166011	938.17536315
2933.500	69.86938330	1020.26616929	940.46626444	945.36740293
2934.000	70.03754131	1004.29577028	960.51802398	958.76458329
2934.500	70.07779390	996.24656543	978.26324638	972.09989599
2935.000	70.23532184	1024.29100156	1016.40980859	1012.47479169
2935.500	70.25566949	1059.83537735	1064.58408577	1052.35150648
2936.000	69.90390777	1106.69287347	1123.36975847	1109.86748539
2936.500	69.30003247	1182.94377413	1189.77766712	1182.16167130
2937.000	68.59787103	1261.28397339	1271.05091632	1254.86024147
2937.500	67.54616283	1965.06994572	1370.02962474	1326.49640378
2938.000	66.81651044	1957.48427479	1480.23798655	1410.75041845
2938.500	66.20771546	1972.98744267	1536.17403364	1403.58403737
2939.000	65.89885317	1970.11819519	1474.74080647	1381.34029532
2939.500	65.51873963	1844.42985800	1344.27600282	1340.05232950
2940.000	65.02011748	1599.76098731	1215.51682643	1348.46069168
2940.500	64.38995271	1353.34852453	1215.61659047	1384.15534417
2941.000	63.70081937	1276.70978370	1307.31439411	1399.06392570

2941.500	63.06706323	1546.89451728	1465.66106526	1391.06977818
2942.000	62.43855585	1896.80390782	1460.46357088	1382.43409020
2942.500	61.41531762	1882.77725451	1447.32805091	1380.79810695
2943.000	60.76580465	1836.68967936	1457.34110887	1430.35292719
2943.500	60.32221538	1816.65160321	1534.17899625	1541.55727261
2944.000	59.95960867	1800.62114228	1615.39505282	1660.40046101
2944.500	60.08628936	1768.70595190	1637.91325959	1718.39973510
2945.000	60.60747708	1735.58847695	1690.50066225	1642.02961292
2945.500	61.07741942	1686.40410822	1724.94509989	1522.19518833
2946.000	61.32753737	1648.88962946	1616.52795201	1372.74669162
2946.500	61.70052262	1654.63559041	1398.56526677	1228.46934301
2947.000	62.32840789	1596.21060597	1188.94875445	1115.13537282
2947.500	63.07492426	1419.09932038	1085.25507884	1080.42807381
2948.000	64.39500002	1210.36822507	991.48604250	1051.29439308
2948.500	64.99071124	1015.78010431	975.22425312	1033.86557786
2949.000	64.87211739	999.98939317	993.01814213	1018.56588400
2949.500	65.08419923	1123.64905239	1029.15521042	1010.73580228
2950.000	65.74862776	1245.56643287	1035.16663327	1012.04389783
2950.500	67.02538325	1189.45981964	1047.18947896	1029.38842254
2951.000	67.61022272	1211.50170341	1085.26182365	1083.45936817
2951.500	67.74612203	1453.80212024	1151.38747495	1145.88147733
2952.000	67.45141729	1882.77725451	1212.09191583	1215.48126359
2952.500	66.89505687	1868.75060120	1283.42018036	1311.36910788
2953.000	66.47851797	1844.70490982	1368.65532515	1393.37817278
2953.500	66.32594178	1858.71515107	1480.79097275	1543.49690587
2954.000	66.67153778	1800.90343220	1552.13058875	1589.66312262
2954.500	67.30479955	1775.97397270	1610.26561648	1627.55119425
2955.000	67.86773279	1801.94447098	1684.46128016	1667.28411198
2955.500	68.07159237	1885.17976092	1768.12137206	1713.74804588
2956.000	68.36911194	1856.72602499	1784.62677981	1745.28433736
2956.500	68.62139090	1865.53912813	1776.88621693	1708.35947187
2957.000	68.89201397	1940.06921729	1760.56524440	1622.91539251
2957.500	69.26341898	1966.73116996	1719.35202582	1533.38920355
2958.000	69.29033194	1833.07468998	1663.35883387	1453.35429148
2958.500	69.27741890	1771.14259866	1504.62829536	1380.74010579
2959.000	68.71634496	1674.87822373	1391.99846297	1321.07821689
2959.500	67.76492730	1505.43360786	1275.22556541	1265.64412087
2960.000	66.59258056	1298.65860904	1237.44142888	1254.18569120
2960.500	65.71316166	1261.38834801	1231.21190890	1254.26310573
2961.000	65.12991904	1273.13098320	1252.11726889	1254.08075463
2961.500	64.70883280	1475.57682966	1290.15913499	1262.90064589
2962.000	64.15539550	1654.96436673	1323.93610544	1274.25672391
2962.500	63.13361371	1802.62494990	1387.49135313	1301.19748169
2963.000	62.52335312	1812.64398798	1429.10111680	1362.35914637
2963.500	62.52819974	1890.79248497	1540.02566839	1448.36448705
2964.000	62.51061176	1880.77344689	1616.59691338	1512.35147655
2964.500	62.53065143	1876.76583166	1679.14813697	1575.00700035
2965.000	62.50215523	1871.63381783	1731.15581162	1581.65732798
2965.500	62.70051834	1773.08809949	1754.53356713	1567.84006959
2966.000	63.13102019	1693.73727711	1672.37745491	1429.93925006
2966.500	63.50685778	1753.51098401	1335.73777555	1328.27132993
2967.000	63.93602808	1850.53948710	1256.73622903	1237.23229357
2967.500	64.26118489	1694.43699766	1169.07823361	1184.12643132
2968.000	64.51467480	1337.84014661	1085.26182365	1156.71720517
2968.500	64.87900820	1085.86300494	1069.23136273	1154.58017410
2969.000	65.06575404	1108.17803411	1105.29989980	1153.06336252
2969.500	65.11001029	1200.67727198	1174.00044389	1153.88355786
2970.000	64.59603477	1378.98139323	1227.47491268	1153.88246120
2970.500	64.02618485	1586.61961171	1253.58166333	1173.02691098
2971.000	63.47085873	1793.99923174	1314.45733868	1235.44799378
2971.500	62.76616029	1985.99192121	1429.00834068	1323.58784505
2972.000	61.60169777	1975.15175991	1582.20611222	1435.62991289
2972.500	60.89860209	1965.56164483	1676.78583166	1571.83775275
2973.000	60.52839812	1941.95863884	1784.69269339	1694.20677513
2973.500	60.31258019	1920.31613969	1840.69729459	1713.39418353

2974.000	60.32645536	1916.51943120	1834.68587174	1704.79288156
2974.500	60.51081321	1951.55892178	1798.61733467	1656.58544870
2975.000	60.93759029	1944.84880256	1784.59068136	1649.03770264
2975.500	61.34268125	1920.83569585	1804.62875752	1651.70568647
2976.000	61.68670628	1896.96162440	1808.63637275	1674.42280582
2976.500	61.93018863	1890.95128828	1801.50281764	1686.79771863
2977.000	62.30351313	1860.56159146	1788.39946767	1670.96827742
2977.500	62.47320111	1827.99390814	1748.56404405	1639.41283030
2978.000	62.57449769	1821.50091521	1728.29870895	1608.91589002
2978.500	62.20472961	1815.15292597	1712.96209580	1580.10886869
2979.000	59.56951960	1798.44727244	1694.65792785	1557.10489002
2979.500	56.54678439	1756.23879467	1691.03274291	1553.56069857
2980.000	54.11315271	1744.23684711	1689.92072931	1554.89143150
2980.500	53.22677423	1777.70704922	1690.89787161	1546.89121110
2981.000	53.65836930	1805.66871023	1680.99913660	1532.56435731
2981.500	55.76476526	1788.20972481	1658.74239048	1527.98840633
2982.000	57.90592656	1735.50529788	1642.00532034	1524.22687694
2982.500	59.55519863	1660.68372859	1628.00719806	1518.16999582
2983.000	60.36551664	1659.79023257	1617.05465789	1510.38513062
2983.500	61.49824687	1663.28377221	1609.86118752	1504.57825770
2984.000	62.34068178	1670.79064175	1607.37522541	1499.78568652
2984.500	62.99257514	1679.55026918	1605.07263615	1496.51449967
2985.000	63.53796359	1683.74997943	1602.80909836	1494.81580767
2985.500	63.88122950	1666.15600784	1600.56268276	1492.56900904
2986.000	64.05854422	1657.78807965	1597.79843928	1490.37806356
2986.500	64.30646279	1652.51066834	1589.40584426	1488.26044300
2987.000	64.72199783	1650.65219081	1580.98096874	1485.80277057
2987.500	64.97566337	1637.41169121	1563.82968119	1481.98699504
2988.000	65.23993890	1595.73539406	1555.35005358	1477.45185949
2988.500	65.51376317	1582.76459721	1556.93886831	1476.74384201
2989.000	65.85424764	1601.64643839	1564.25906268	1477.55571445
2989.500	66.09625059	1627.18497738	1566.89750356	1472.41682713
2990.000	66.36860179	1637.85978699	1558.91628955	1472.10198705
2990.500	66.53949420	1616.49978189	1550.19329257	1471.30754569
2991.000	66.88130464	1591.66045073	1548.04278779	1465.43848326
2991.500	67.44776322	1589.22205898	1535.91194534	1460.10623169
2992.000	67.90666900	1568.56437650	1530.28687026	1455.36117528
2992.500	68.28639057	1559.27907172	1518.71042145	1449.24210264
2993.000	68.69694735	1563.52606292	1503.54045494	1443.94400645
2993.500	69.05879841	1544.14515741	1502.03788479	1438.26068139
2994.000	69.08848607	1529.48000368	1502.74845347	1433.33542958
2994.500	69.09868931	1548.86512532	1508.08694203	1426.43379695
2995.000	69.04184916	1569.95304241	1507.29778704	1417.25066064
2995.500	68.74702436	1566.82255782	1501.50878611	1410.86101035
2996.000	68.49078861	1572.95607262	1485.93986539	1409.66734134
2996.500	68.22515964	1530.83065017	1464.33790975	1413.56182276
2997.000	68.04300114	1482.57646442	1450.21874260	1417.45014941
2997.500	67.86425423	1468.17975780	1441.25207805	1424.02831750
2998.000	67.94228120	1454.34898717	1433.18657421	1433.37725977
2998.500	68.12555403	1446.72189864	1432.32927463	1442.27932927
2999.000	68.48248210	1472.76787739	1435.55467883	1451.62813193
2999.500	68.80211214	1505.63425507	1437.44303224	1460.43231882
3000.000	69.71324173	1513.70753469	1437.38602719	1470.15075904
3000.500	70.23557461	1479.67610189	1430.86774120	1471.68250401
3001.000	70.48540311	1450.11303139	1428.29301989	1450.89354217
3001.500	70.68408208	1449.25571825	1418.50976685	1426.07004777
3002.000	70.85697916	1450.90304728	1384.62387919	1391.14972965
3002.500	71.14629263	1412.29084890	1359.56069221	1292.88784669
3003.000	71.42124119	1352.81920673	1298.62862545	1197.37912342
3003.500	71.48815033	1336.21195729	1217.57617628	1143.46979772
3004.000	71.46795531	1308.91760572	1115.17846852	1093.97871839
3004.500	71.44859482	1068.71829641	1064.41190483	1043.39528128
3005.000	71.06831739	1008.30662327	1008.40281765	1005.02700908
3005.500	70.71454492	995.13814371	980.44398132	977.21759502
3006.000	70.65519036	1005.73626323	952.21357716	944.82106925

3006.500	70.85690018	1014.85844236	931.91873233	932.89325079
3007.000	71.25955277	1012.62061575	927.19727136	926.95767928
3007.500	71.25367891	998.85627727	928.59951465	925.00367968
3008.000	71.31440293	979.06002004	936.75677554	943.47950896
3008.500	70.92171191	969.04098196	978.06998374	978.34522018
3009.000	70.64355753	1005.10951904	1025.40031093	1006.41245209
3009.500	70.68600442	1239.78945551	1065.94527770	1057.11230146
3010.000	70.68658564	1467.98907816	1112.46777052	1098.25899368
3010.500	70.52134372	1471.99669339	1153.90427300	1177.71551175
3011.000	70.48637905	1560.16422846	1253.89340227	1266.03483412
3011.500	70.29057991	1797.64978185	1341.90699825	1370.50517355
3012.000	69.91802038	1960.92575150	1453.96242485	1490.03096192
3012.500	69.69927296	1926.86102204	1608.25561122	1584.48316633
3013.000	69.39874581	1866.74679359	1690.25141884	1696.27012826
3013.500	69.29612028	1882.77725451	1734.49549098	1738.50310621
3014.000	69.23251994	1982.96763527	1714.45741483	1699.32365782
3014.500	69.07139788	1984.97144289	1630.92201503	1619.95033342
3015.000	69.09022630	1828.64362109	1557.53065273	1549.94480962
3015.500	69.08122843	1663.03666921	1495.55311805	1493.48053800
3016.000	69.08411416	1508.25636965	1465.04163134	1477.35489958
3016.500	69.11481058	1496.16228058	1441.16821420	1440.95412532
3017.000	69.36187635	1493.72566071	1428.84139560	1405.51245206
3017.500	69.34144766	1504.59151934	1414.79904794	1376.64447732
3018.000	69.26965300	1514.70685775	1404.50115427	1358.60459904
3018.500	69.29321407	1482.46687668	1398.03296978	1348.43614977
3019.000	69.28242534	1459.00230943	1397.85186397	1345.98342113
3019.500	69.16371796	1470.81715701	1397.51304512	1343.39229101
3020.000	68.75093191	1489.60331959	1392.42753465	1343.32285064
3020.500	68.25394024	1463.07523869	1386.31830452	1342.72116801
3021.000	68.08426135	1434.24921905	1380.12773852	1342.44770737
3021.500	68.08174891	1436.57289811	1377.35537000	1342.01545321
3022.000	68.13449670	1436.05826774	1379.71132993	1341.62491973
3022.500	68.30558210	1431.77762091	1383.70079391	1341.24018547
3023.000	68.27281206	1448.87744805	1383.30294499	1340.79776135
3023.500	68.32865391	1460.29848286	1380.34884937	1340.45376846
3024.000	68.54408843	1443.58523200	1371.08639188	1339.90055182
3024.500	68.82146545	1392.01764843	1367.23443712	1340.36679089
3025.000	69.08473438	1382.93537114	1368.28724805	1342.11764342
3025.500	69.44389239	1399.40980711	1373.09912557	1343.71135642
3026.000	69.65226417	1427.43844144	1376.68794004	1343.11789513
3026.500	70.23847043	1444.98794644	1371.77678231	1335.93056636
3027.000	70.68403479	1442.02120023	1365.59519607	1333.44970524
3027.500	71.07700171	1427.39530812	1361.80455038	1333.95390053
3028.000	71.34556308	1399.32249651	1359.12801149	1332.46744613
3028.500	71.47667579	1390.43731348	1356.33267925	1330.11317901
3029.000	71.47603631	1399.62570818	1354.23605281	1327.98741121
3029.500	71.46935018	1412.61325279	1353.21730673	1325.71030493
3030.000	71.48574587	1407.04195992	1351.38868065	1323.87143196
3030.500	71.42701378	1393.62623858	1350.76189504	1323.98378144
3031.000	71.23283798	1386.53450606	1349.85973421	1324.29842430
3031.500	70.87737916	1393.75865124	1352.10142617	1324.57971208
3032.000	70.51307489	1403.82334399	1354.22245929	1324.86190836
3032.500	70.43173943	1415.97682798	1357.70667709	1325.17349037
3033.000	70.12812551	1423.32788404	1360.24535668	1325.41285699
3033.500	69.92133879	1424.22119820	1356.73024539	1325.92881143
3034.000	69.86944318	1417.11859691	1355.42057723	1327.99678559
3034.500	69.88095570	1398.91395601	1357.38411634	1330.17560531
3035.000	69.91520931	1390.55580338	1359.27798353	1332.14980736
3035.500	70.01724642	1398.32954083	1366.39397261	1334.55491346
3036.000	70.06160097	1430.07853095	1373.89329621	1335.60342177
3036.500	70.22546589	1465.52283145	1373.42372871	1334.76185335
3037.000	70.42316220	1454.79907994	1369.81296059	1334.01451921
3037.500	70.54302406	1419.19125535	1366.18208302	1334.26925102
3038.000	70.67143676	1402.12779186	1365.51273903	1335.61585396
3038.500	70.79418360	1409.18259204	1367.81810633	1336.73567926

3039.000	70.85375732	1414.92064599	1370.03173906	1337.80628052
3039.500	70.61387312	1422.49336767	1370.97163378	1338.66192936
3040.000	70.44057236	1435.93701168	1373.89060706	1339.46793335
3040.500	70.11861984	1449.99895858	1377.44378880	1340.26198795
3041.000	70.04780054	1463.61691720	1377.95804032	1341.05937171
3041.500	69.67605815	1451.63685959	1376.40344897	1341.85877109
3042.000	69.32909761	1416.96076327	1375.23894395	1342.64873781
3042.500	69.09690123	1407.35198758	1373.64586034	1343.44793221
3043.000	68.70378864	1418.87208067	1375.24639752	1343.95074762
3043.500	68.69507318	1442.96142753	1377.00405694	1344.23803111
3044.000	68.66361672	1453.05971061	1379.09839273	1344.53708470
3044.500	68.87550228	1450.41817296	1381.06159269	1344.83826439
3045.000	69.25273630	1449.84717830	1383.15590383	1345.11261299
3045.500	69.42172961	1449.90123861	1383.00847331	1345.46673068
3046.000	69.54606081	1443.47770550	1380.42438649	1345.53353951
3046.500	69.69250033	1432.21131139	1381.92593297	1343.31108628
3047.000	69.67770727	1443.95522021	1387.32459969	1339.63231113
3047.500	69.69545417	1466.88357968	1386.75472193	1337.78761113
3048.000	69.64388180	1452.90007681	1385.31024538	1338.70965562
3048.500	69.43151358	1432.66950353	1384.06774486	1339.39950730
3049.000	69.24182279	1433.21785164	1385.22860743	1339.57250847
3049.500	69.01330132	1452.63553522	1385.96408527	1338.99038342
3050.000	68.51941517	1463.33283902	1385.64323274	1338.46914847
3050.500	68.06145261	1451.79859971	1384.48093332	1338.08860512
3051.000	67.53247761	1434.60727341	1382.37499650	1336.35072315
3051.500	67.06998879	1439.84128974	1383.19317220	1333.07792506
3052.000	66.87813818	1469.19133644	1385.52143717	1330.23552428
3052.500	66.90645638	1464.53298866	1382.60738483	1326.94448436
3053.000	66.88126317	1437.81311555	1380.51521454	1325.82722628
3053.500	66.94181941	1426.37606151	1384.08731864	1326.54715324
3054.000	67.14022583	1472.13069490	1388.83766988	1327.00740314
3054.500	67.48160927	1487.06667418	1387.69190274	1327.75000238
3055.000	67.90321536	1465.00602899	1384.72135830	1331.87587133
3055.500	68.15824794	1457.12892351	1384.01707203	1337.92070182
3056.000	68.29934616	1469.55747490	1384.67146565	1343.51929453
3056.500	68.29155031	1485.68977099	1385.13682743	1349.48035748
3057.000	68.29409887	1464.66809458	1386.07439435	1352.98589233
3057.500	68.29547991	1450.65997420	1392.07572189	1354.67638878
3058.000	68.16441111	1464.20961054	1401.07028167	1356.54504919
3058.500	67.89196848	1500.92239936	1411.16430627	1358.08482594
3059.000	67.50686538	1528.37199696	1411.57051880	1357.40967773
3059.500	67.01873957	1506.80796926	1411.40874192	1352.38840279
3060.000	66.10379102	1481.97431046	1408.90972251	1343.21516255
3060.500	65.88085593	1475.81846473	1403.79323327	1307.10630525
3061.000	65.93080158	1457.05283740	1370.36347446	1268.59708702
3061.500	66.32808420	1432.60874451	1296.83416727	1229.36308808
3062.000	67.05912474	1423.53033017	1197.62576202	1173.40650990
3062.500	67.50528528	1350.51201972	1118.83274418	1115.07496540
3063.000	67.87848257	1184.78137429	1056.27469894	1091.17336517
3063.500	68.44440667	1086.38553783	1039.90559012	1081.58996017
3064.000	68.90342298	1088.48977919	1037.17754851	1081.56605702
3064.500	69.26430183	1127.47728159	1044.69267214	1082.17037664
3065.000	69.25473247	1159.17590588	1075.07661379	1083.09398324
3065.500	68.91870479	1240.39908502	1129.31934112	1081.62460296
3066.000	68.39537731	1580.51289479	1140.46736956	1076.96703852
3066.500	67.67110588	1730.48787575	1126.14003410	1063.72561868
3067.000	67.28733603	1510.92399599	1070.79881128	1050.90990273
3067.500	66.48301456	1242.98653056	1024.14410361	1035.39470140
3068.000	65.88553352	1027.55216433	985.12804020	1021.30206695
3068.500	65.51844363	991.08286573	961.78631721	984.05572982
3069.000	65.09241214	1021.13997996	934.49764485	965.93925587
3069.500	64.76008812	1033.16282565	915.73861020	931.90065557
3070.000	64.52741535	1022.90160225	897.29159685	904.23473493
3070.500	64.09871394	1011.22774843	882.42425433	882.98792793
3071.000	63.76028339	994.09816106	867.35474644	869.91888052

3071.500	63.56994524	973.48633087	849.55877866	861.68588371
3072.000	63.34282168	952.75849640	841.18710326	854.49334508
3072.500	62.85824537	931.36802481	840.67320810	850.53277903
3073.000	62.44974005	921.24851672	840.49992408	845.19343169
3073.500	62.30757327	918.59590355	837.89203131	842.21163180
3074.000	62.37372200	913.12568817	834.95303244	840.52833244
3074.500	62.52776734	902.06797715	832.28138082	840.62595283
3075.000	62.52473969	894.66447681	829.53813326	842.22489751
3075.500	62.49887687	894.62344333	828.31322178	848.16502098
3076.000	62.83651980	892.33616967	829.54988257	864.82681474
3076.500	63.38919237	880.69556445	838.13059451	878.16891815
3077.000	63.94404676	889.20116683	868.38847169	897.99134750
3077.500	64.72474758	918.10559343	907.80107212	922.73301557
3078.000	65.45968956	989.32418013	957.20158118	945.22815038
3078.500	66.10633717	1095.77117020	995.43109846	968.81599278
3079.000	66.84531964	1117.94231987	1014.66314327	993.14452062
3079.500	66.89672418	1140.45683604	1025.50790135	1011.06156854
3080.000	66.44028588	1123.23147602	1027.38029213	1018.22166599
3080.500	65.59744515	1077.53030425	1014.54539648	1014.33945464
3081.000	64.54928783	1041.83499106	991.06484675	1001.22945015
3081.500	63.44112287	1005.37541812	964.08953988	986.63460157
3082.000	63.32913023	976.86162685	949.96232451	972.26974223
3082.500	63.29902218	977.58889780	946.66679248	960.56402100
3083.000	63.48457275	986.70308937	947.34603622	952.67835320
3083.500	64.09957915	994.80305298	953.23043611	955.01255729
3084.000	64.79532634	1016.81906628	963.60592665	961.07148144
3084.500	65.16304563	1057.88679509	994.80068775	967.04964312
3085.000	65.46935375	1159.48877710	1008.00888753	981.69128205
3085.500	65.48224598	1194.99884571	1004.28020244	1001.99870953
3086.000	65.24247451	1088.16100821	1038.82770776	1033.02770588
3086.500	64.97888263	1058.85655571	1093.48692971	1070.87360477
3087.000	64.60416462	1176.48367542	1135.86770635	1103.89545198
3087.500	64.47610677	1312.49029389	1172.33243968	1138.56199842
3088.000	64.68870420	1442.29386873	1206.42907815	1171.46297154
3088.500	65.15208780	1422.37423789	1250.98712020	1221.86234686
3089.000	65.74916669	1453.18470375	1307.05910143	1265.89133226
3089.500	66.36179189	1486.26838337	1353.24998232	1322.01270511
3090.000	66.89926893	1511.26344476	1393.55339311	1341.22737072
3090.500	67.43188171	1523.75053345	1398.43290973	1356.74259272
3091.000	68.17885512	1524.20295617	1390.64938205	1355.37013423
3091.500	69.02099095	1469.14356018	1351.52561947	1306.17774638
3092.000	69.36574057	1390.56691653	1285.53744697	1272.88317471
3092.500	69.50897858	1369.76301947	1244.19514712	1243.93621983
3093.000	69.30514498	1343.58661005	1229.84872040	1224.95415471
3093.500	68.92465092	1319.25666120	1220.47056580	1218.54008728
3094.000	68.73659972	1257.94085226	1225.87910572	1222.41463860
3094.500	68.09819478	1261.41757075	1253.55343214	1232.84040228
3095.000	67.44172469	1418.00854422	1294.62208778	1242.96244697
3095.500	66.85949432	1648.94388237	1330.53832736	1251.00402562
3096.000	66.00909262	1857.57131808	1363.13949237	1267.50726463
3096.500	64.61114916	1750.61749241	1389.38348279	1287.28566004
3097.000	63.30177087	1658.35080160	1399.29479814	1294.23023042
3097.500	62.09331171	1670.37364729	1403.93521759	1300.26158996
3098.000	60.69593501	1752.52975952	1259.57334558	1309.30621398
3098.500	59.71785427	1417.14245992	1268.78560144	1321.18909434
3099.000	59.10517057	1293.65781563	1277.21636594	1334.18100647
3099.500	58.92814580	1419.89769539	1367.52933604	1344.68927093
3100.000	58.94496739	1508.06523046	1446.78509771	1349.16983574