

data\_publication\_text  
\_publ\_requested\_journal        'American Mineralogist'  
\_publ\_section\_title  
;  
Variability in sepiolite: Diffraction studies.  
;  
\_publ\_contact\_author\_name       'S\'anchez del R\'io, M.'  
\_publ\_contact\_author\_address  
;  
European Synchrotron Radiation Facility, 6 rue Jules Horowitz,  
38000 Grenoble, France  
;  
\_publ\_contact\_author\_email       'srio@esrf.fr'  
loop\_  
\_publ\_author\_name  
\_publ\_author\_address  
  
'Garc\'ia-Romero, E.'  
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Departamento de Cristalograf\'ia y Mineralog\'ia,  
Universidad Complutense de Madrid, 28040 Madrid, Spain  
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'Su\'arez, M.'  
;  
Departamento de Geolog\'ia. Universidad de Salamanca,  
37008 Salamanca, Spain  
;  
  
'da Silva, I.'  
;  
SpLine - Spanish CRG Beamline at the ESRF  
6, Rue Jules Horowitz, BP 220  
38043 Grenoble Cedex 09  
France  
;  
  
'Fuentes Montero, L.'  
;  
Institut Laue-Langevin, 6 rue Jules Horowitz,  
38000 Grenoble, France  
;  
  
'Mart\'inez-Criado, G.'  
;  
European Synchrotron Radiation Facility,  
6 rue Jules Horowitz, 38000 Grenoble, France  
;  
  
#=====

data\_NOR225

#=====

## # 5. CHEMICAL DATA

```
_chemical_name_systematic
; ?
;
_chemical_name_common      ?
_chemical_formula_moiety    'Mg7.68 O38 Si12'
_chemical_formula_structural ?
_chemical_formula_analytical ?
_chemical_formula_iupac     ?
_chemical_formula_sum       'Mg7.68 O38 Si12'
_chemical_formula_weight    1131.666
_chemical_melting_point     ?
_chemical_compound_source   ?    # for minerals and
                              # natural products
```

```
loop_
  _atom_type_symbol
  _atom_type_scatter_Cromer_Mann_a1
  _atom_type_scatter_Cromer_Mann_b1
  _atom_type_scatter_Cromer_Mann_a2
  _atom_type_scatter_Cromer_Mann_b2
  _atom_type_scatter_Cromer_Mann_a3
  _atom_type_scatter_Cromer_Mann_b3
  _atom_type_scatter_Cromer_Mann_a4
  _atom_type_scatter_Cromer_Mann_b4
  _atom_type_scatter_Cromer_Mann_c
  _atom_type_scatter_dispersion_real
  _atom_type_scatter_dispersion_imag
  _atom_type_scatter_source
si   6.29150 2.43860 3.03530 32.33370 1.98910 0.67850
     1.54100 81.69370 1.14070 0.07200 0.07100
International Tables for Crystallography Vol.C(1991) Tables_6.1.1.4_and_6.1.1.5
mg   5.42040 2.82750 2.17350 79.26110 1.22690 0.38080
     2.30730 7.19370 0.85840 0.04200 0.03600
International Tables for Crystallography Vol.C(1991) Tables_6.1.1.4_and_6.1.1.5
o    3.04850 13.27710 2.28680 5.70110 1.54630 0.32390
     0.86700 32.90890 0.25080 0.00800 0.00600
International Tables for Crystallography Vol.C(1991) Tables_6.1.1.4_and_6.1.1.5
```

#=====

## # 6. POWDER SPECIMEN AND CRYSTAL DATA

```
_symmetry_cell_setting      Orthorhombic
_symmetry_space_group_name_H-M 'P n c n'
_symmetry_space_group_name_Hall '-P 2ab 2n'
```

```
loop_
  _symmetry_equiv_pos_as_xyz #<--must include 'x,y,z'
  'x,y,z'
  'x+1/2,-y+1/2,-z+1/2'
```

```
'-x,y,-z+1/2'
'-x+1/2,-y+1/2,z'
'-x,-y,-z'
'-x+1/2,y+1/2,z+1/2'
'x,-y,z+1/2'
'x+1/2,y+1/2,-z'
```

```
_cell_length_a      13.37652(18)
_cell_length_b      27.0850(3)
_cell_length_c      5.27565(6)
_cell_angle_alpha    90.00000
_cell_angle_beta     90.00000
_cell_angle_gamma    90.00000
_cell_volume         1911.39(4)
_cell_formula_units_Z 2
_cell_measurement_temperature 498
_cell_special_details
; ?
;
```

# The next three fields give the specimen dimensions in mm. The equatorial  
# plane contains the incident and diffracted beam.

```
_pd_spec_size_axial      ?      # perpendicular to
                           # equatorial plane
_pd_spec_size_equat      ?      # parallel to
                           # scattering vector
                           # in transmission
_pd_spec_size_thick      ?      # parallel to
                           # scattering vector
                           # in reflection
```

# The next five fields are character fields that describe the specimen.

```
_pd_spec_mounting      'borosilicate capillary'
_pd_spec_mount_mode     'transmission'
_pd_spec_shape          'cylinder'
_pd_char_particle_morphology ?
_pd_char_colour         ?
```

# The following three fields describe the preparation of the specimen.  
# The cooling rate is in K/min. The pressure at which the sample was  
# prepared is in kPa. The temperature of preparation is in K.

```
_pd_prep_cool_rate      ?
_pd_prep_pressure       ?
_pd_prep_temperature    ?
```

# The next four fields are normally only needed for transmission experiments.

```
_exptl_absorpt_coefficient_mu 0.7
_exptl_absorpt_correction_type cylinder
_exptl_absorpt_process_details ?
_exptl_absorpt_correction_T_min ?
_exptl_absorpt_correction_T_max ?
```

\_exptl\_crystal\_density\_diffn 1.966

#=====

## # 7. EXPERIMENTAL DATA

\_pd\_instr\_location  
; SpLine - BM25, Spanish Beamline at the ESRF (Grenoble, France)  
;  
\_pd\_calibration\_special\_details # description of the method used  
# to calibrate the instrument  
; ?  
;

\_diffn\_ambient\_temperature 498  
\_diffn\_source 'Synchrotron'  
\_diffn\_radiation\_wavelength 0.8263

\_diffn\_radiation\_monochromator 'Si(111)'  
\_diffn\_measurement\_device\_type ?  
\_diffn\_measurement\_method '2\q scan'  
\_diffn\_detector\_area\_resol\_mean ? # Not in version 2.0.1  
\_diffn\_detector 'scintillation counter'  
\_diffn\_detector\_type 'Cyberstar'  
\_pd\_meas\_scan\_method 'step'  
\_pd\_meas\_special\_details  
; ?  
;

# The following four items give details of the measured (not processed)  
# powder pattern. Angles are in degrees.

\_pd\_meas\_number\_of\_points 3895  
\_pd\_meas\_2theta\_range\_min 2.11978  
\_pd\_meas\_2theta\_range\_max 80.00000  
\_pd\_meas\_2theta\_range\_inc 0.020005

#=====

## # 8. REFINEMENT DATA

# Definition of non standard CIF items (Reliability indices used in FULLPROF)

loop\_  
\_publ\_manuscript\_incl\_extra\_item  
\_publ\_manuscript\_incl\_extra\_info  
\_publ\_manuscript\_incl\_extra\_defn  
# Name Explanation Standard?  
# -----  
'\_pd\_proc\_ls\_prof\_cR\_factor' 'Prof. R-factor CORRECTED for background' no  
'\_pd\_proc\_ls\_prof\_cwR\_factor' 'wProf.R-factor CORRECTED for background' no  
'\_pd\_proc\_ls\_prof\_cwR\_expected' 'wProf.Expected CORRECTED for background' no

'\_pd\_proc\_ls\_prof\_chi2'        'Chi-square for all considered points'    no  
'\_pd\_proc\_ls\_prof\_echi2'       'Chi-2 for points with Bragg contribution' no

\_refine\_special\_details  
; ?  
;

# Use the next field to give any special details about the fitting of the  
# powder pattern.

\_pd\_proc\_ls\_special\_details  
; ?  
;

# The next three items are given as text.

\_pd\_proc\_ls\_profile\_function    'Pseudo-Voigt'  
\_pd\_proc\_ls\_background\_function 'Interpolation of points'  
\_pd\_proc\_ls\_pref\_orient\_corr  
; ?  
;

# The following profile R-factors are NOT CORRECTED for background  
# The sum is extended to all non-excluded points.  
# These are the current CIF standard

\_pd\_proc\_ls\_prof\_R\_factor        3.3192  
\_pd\_proc\_ls\_prof\_wR\_factor       4.4936  
\_pd\_proc\_ls\_prof\_wR\_expected     0.9290

# The following profile R-factors are CORRECTED for background  
# The sum is extended to all non-excluded points.  
# These items are not in the current CIF standard, but are defined above

\_pd\_proc\_ls\_prof\_cR\_factor       7.0393  
\_pd\_proc\_ls\_prof\_cwR\_factor      7.7548  
\_pd\_proc\_ls\_prof\_cwR\_expected    1.6031

# The following items are not in the CIF standard, but are defined above

\_pd\_proc\_ls\_prof\_chi2            23.3989  
\_pd\_proc\_ls\_prof\_echi2          23.4128

# Items related to LS refinement

\_refine\_ls\_goodness\_of\_fit\_all    4.8  
\_refine\_ls\_R\_I\_factor            4.5586  
\_refine\_ls\_number\_reflns        4014  
\_refine\_ls\_number\_parameters     59  
\_refine\_ls\_number\_restraints     0

# The following four items apply to angular dispersive measurements.  
# 2theta minimum, maximum and increment (in degrees) are for the

# intensities used in the refinement.

\_pd\_proc\_2theta\_range\_min 2.1174  
\_pd\_proc\_2theta\_range\_max 79.9976  
\_pd\_proc\_2theta\_range\_inc 0.020005  
\_pd\_proc\_wavelength 0.826300  
  
\_pd\_block\_diffraction\_id NOR225\_profile

# Give appropriate details in the next two text fields.

\_pd\_proc\_info\_excluded\_regions ?  
\_pd\_proc\_info\_data\_reduction ?

# The following items are used to identify the programs used.

\_computing\_data\_collection ?  
\_computing\_structure\_solution ?  
\_computing\_structure\_refinement FULLPROF  
\_computing\_molecular\_graphics ?  
\_computing\_publication\_material ?

#=====

# 9. ATOMIC COORDINATES AND DISPLACEMENT PARAMETERS

loop\_  
\_atom\_site\_label  
\_atom\_site\_fract\_x  
\_atom\_site\_fract\_y  
\_atom\_site\_fract\_z  
\_atom\_site\_U\_iso\_or\_equiv  
\_atom\_site\_occupancy  
\_atom\_site\_adp\_type # Not in version 2.0.1  
\_atom\_site\_type\_symbol  
SI1 0.2016(4) 0.0283(3) 0.5848(10) 0.0157(4) 1.00000 Uiso SI  
SI2 0.2054(5) 0.14100(19) 0.5713(11) 0.0157(4) 1.00000 Uiso SI  
SI3 0.2026(5) 0.1961(2) 0.0747(11) 0.0157(4) 1.00000 Uiso SI  
Mg1 0.00000 0.0314(5) 0.25000 0.0136(6) 0.96000 Uiso MG  
Mg2 0.00000 0.0883(4) 0.75000 0.0136(6) 0.96000 Uiso MG  
Mg3 0.00000 0.1465(3) 0.25000 0.0136(6) 0.96000 Uiso MG  
Mg4 0.00000 0.2021(3) 0.75000 0.0136(6) 0.96000 Uiso MG  
O9 0.25000 0.25000 0.079(4) 0.0148(6) 1.00000 Uiso O  
O1 0.0850(8) 0.0283(6) 0.596(2) 0.0148(6) 1.00000 Uiso O  
O3 0.0787(9) 0.1430(5) 0.578(2) 0.0148(6) 1.00000 Uiso O  
O4 0.0869(8) 0.1980(4) 0.057(2) 0.0148(6) 1.00000 Uiso O  
O5 0.2463(7) 0.0031(5) 0.331(3) 0.0148(6) 1.00000 Uiso O  
O6 0.2435(6) 0.0877(6) 0.6018(19) 0.0148(6) 1.00000 Uiso O  
O7 0.2512(8) 0.1669(5) 0.318(3) 0.0148(6) 1.00000 Uiso O  
O8 0.2642(7) 0.1712(4) 0.794(2) 0.0148(6) 1.00000 Uiso O  
O2 0.0846(7) 0.0846(6) 0.0842(19) 0.0148(6) 1.00000 Uiso O  
O10 0.0807(8) 0.2583(3) 0.561(2) 0.0148(6) 1.00000 Uiso O

# Note: if the displacement parameters were refined anisotropically

# the U matrices should be given as for single-crystal studies.

```
#=====
# Powder diffraction pattern number  1
#=====
```

data\_NOR225\_profile

```
_pd_block_id  NOR225_profile
_pd_proc_ls_peak_cutoff 0.00500
_pd_calc_method "  Rietveld Refinement"
```

#---- raw/calc data loop ----

```
_pd_meas_2theta_range_min    2.119780
_pd_meas_2theta_range_max    80.000000
_pd_meas_2theta_range_inc     0.020005
_pd_proc_2theta_range_min     2.117359
_pd_proc_2theta_range_max     79.997581
_pd_proc_2theta_range_inc     0.020005
```

```
loop_
_pd_proc_point_id
_pd_proc_2theta_corrected
_pd_proc_intensity_total
_pd_calc_intensity_total
_pd_proc_intensity_bkg_calc
```

20	2.4977	962(5)	893.0510	893.0510
21	2.5177	915(5)	893.7035	893.7035
22	2.5376	894(5)	889.1387	889.1387
23	2.5577	887(5)	884.5303	884.5303
24	2.5775	893(5)	879.9701	879.9701
25	2.5975	873(5)	875.3755	875.3755
26	2.6175	867(5)	871.0013	870.7808
27	2.6376	862(5)	866.3975	866.1656
28	2.6576	852(5)	861.8151	861.5709
29	2.6776	841(5)	857.2406	856.9832
30	2.6975	848(5)	852.6810	852.4092
31	2.7174	831(5)	848.1318	847.8445
32	2.7373	822(5)	843.5611	843.2567
33	2.7573	828(5)	838.9988	838.6758
34	2.7774	820(5)	834.4042	834.0606
35	2.7974	818(5)	829.8183	829.4521
36	2.8175	798(5)	825.2325	824.8414
37	2.8375	803(5)	820.6586	820.2399
38	2.8576	800(5)	816.0809	815.6315
39	2.8776	809(5)	810.7300	810.2463
40	2.8976	795(5)	803.9152	803.3931
41	2.9177	795(5)	797.0510	796.4852
42	2.9377	794(5)	790.2471	789.6320
43	2.9577	789(5)	831.6501	782.7788
44	2.9778	793(5)	826.9760	775.8948

45	2.9978	792(5)	822.4927	769.0621
46	3.0178	787(5)	818.1564	762.1884
47	3.0378	787(5)	814.0413	755.3558
48	3.0578	795(5)	810.1417	748.5026
49	3.0776	792(5)	806.5516	741.7042
50	3.0976	785(5)	803.3067	734.8614
51	3.1176	786(5)	800.5628	727.9979
52	3.1377	794(5)	798.5171	721.1241
53	3.1577	795(5)	797.3881	714.2469
54	3.1778	807(5)	797.3677	707.3835
55	3.1976	803(5)	798.5690	700.5851
56	3.2177	814(5)	801.1142	693.7114
57	3.2375	819(5)	805.0682	686.9096
58	3.2574	822(5)	810.6719	680.0907
59	3.2775	842(5)	818.3147	673.2135
60	3.2974	864(5)	828.3133	666.3843
61	3.3174	883(5)	841.3405	659.6196
62	3.3374	907(5)	859.8253	654.8735
63	3.3575	950(5)	882.4402	650.1107
64	3.3775	964(5)	909.7446	645.3574
65	3.3976	1001(5)	942.2867	640.5898
66	3.4176	1056(6)	979.1867	635.8436
67	3.4375	1099(6)	1017.9907	631.1188
68	3.4576	1141(6)	1054.4202	626.3512
69	3.4776	1181(6)	1080.2808	621.6122
70	3.4976	1200(6)	1088.0244	616.8660
71	3.5176	1192(6)	1078.8271	612.1198
72	3.5375	1192(6)	1067.8212	607.3878
73	3.5576	1209(6)	1075.5944	602.6274
74	3.5777	1230(6)	1120.3403	597.8433
75	3.5977	1301(6)	1215.4647	593.1136
76	3.6176	1401(6)	1378.1306	588.3818
77	3.6376	1553(7)	1632.5386	583.6356
78	3.6575	1776(7)	2005.0703	578.9107
79	3.6776	2154(8)	2530.7097	574.1431
80	3.6976	2747(9)	3228.0752	569.4041
81	3.7176	3622(10)	4126.8833	564.6508
82	3.7376	4848(12)	5248.9399	559.9046
83	3.7575	6517(14)	6614.3633	555.1869
84	3.7777	8554(16)	8287.8477	550.3979
85	3.7976	10825(18)	10264.2686	545.6661
86	3.8177	13138(20)	12625.9258	541.7106
87	3.8376	15661(21)	15331.3438	538.2358
88	3.8576	18374(23)	18360.7656	534.7435
89	3.8775	21233(25)	21495.3477	531.2564
90	3.8974	23868(26)	24321.3887	527.7869
91	3.9175	25663(27)	26179.3438	524.2613
92	3.9375	25567(27)	26031.3398	520.7690
93	3.9575	23050(26)	23253.4219	517.2662
94	3.9776	18373(23)	18427.6797	513.7529
95	3.9975	13006(19)	13116.2490	510.2711
96	4.0175	8268(16)	8537.7793	506.7788
97	4.0374	5065(12)	5290.0874	503.2934
98	4.0574	3275(10)	3302.0769	499.7959



99	4.0774	2336(8)	2218.9353	496.2983
100	4.0974	1825(7)	1661.1171	492.8008
101	4.1174	1504(7)	1369.3864	489.3032
102	4.1374	1290(6)	1203.0159	485.8162
103	4.1574	1121(6)	1093.7563	482.3081
104	4.1774	1010(5)	1013.1027	478.8105
105	4.1976	918(5)	947.2643	475.2798
106	4.2176	862(5)	891.9177	471.7875
107	4.2376	795(5)	843.6014	468.2847
108	4.2576	744(5)	801.2427	464.7872
109	4.2775	709(5)	764.1024	461.3067
110	4.2976	667(4)	731.0597	457.7952
111	4.3176	649(4)	702.0448	454.3047
112	4.3376	614(4)	676.2410	450.8038
113	4.3575	587(4)	653.4182	447.3291
114	4.3774	571(4)	632.9663	443.8561
115	4.3974	554(4)	614.2429	440.3604
116	4.4175	537(4)	597.2877	436.8367
117	4.4376	520(4)	581.8821	433.3253
118	4.4576	509(4)	567.8135	429.8296
119	4.4776	500(4)	554.8547	426.3391
120	4.4975	488(4)	542.8568	422.8539
121	4.5175	467(4)	531.6461	419.3582
122	4.5375	465(4)	521.1723	415.8678
123	4.5574	459(4)	511.3501	412.3842
124	4.5774	447(4)	502.0527	408.8885
125	4.5975	447(4)	493.2218	405.3807
126	4.6175	435(4)	484.8511	401.8797
127	4.6376	435(4)	476.8633	398.3735
128	4.6576	427(4)	469.2407	394.8726
129	4.6778	414(3)	461.8882	391.3488
130	4.6977	416(3)	454.8898	387.8584
131	4.7176	411(3)	448.2785	384.4791
132	4.7376	400(3)	442.3453	381.5727
133	4.7575	393(3)	436.6395	378.6749
134	4.7776	392(3)	431.0916	375.7598
135	4.7977	386(3)	425.7115	372.8403
136	4.8177	385(3)	420.4971	369.9237
137	4.8377	380(3)	415.4469	367.0173
138	4.8576	375(3)	410.5618	364.1297
139	4.8776	377(3)	405.7672	361.2233
140	4.8977	376(3)	401.0717	358.3082
141	4.9177	372(3)	396.4788	355.3917
142	4.9375	374(3)	392.0468	352.5172
143	4.9577	376(3)	349.5889	349.5889
144	4.9776	369(3)	346.6913	346.6913
145	4.9976	368(3)	344.6882	344.6882
146	5.0177	372(3)	342.7714	342.7714
147	5.0376	363(3)	340.8795	340.8795
148	5.0576	361(3)	338.9751	338.9751
149	5.0775	350(3)	337.0822	337.0822
150	5.0975	348(3)	335.1778	335.1778
151	5.1177	339(3)	333.2563	333.2563
152	5.1377	331(3)	331.3452	331.3452

153	5.1577	328(3)	329.4409	329.4409
154	5.1778	328(3)	327.5337	327.5337
155	5.1978	329(3)	325.6236	325.6236
156	5.2177	319(3)	323.7278	323.7278
157	5.2376	326(3)	321.8358	321.8358
158	5.2577	323(3)	319.9191	319.9191
159	5.2776	316(3)	318.0299	318.0299
160	5.2975	323(3)	316.1313	316.1313
161	5.3176	310(3)	314.6065	314.6065
162	5.3375	314(3)	313.3009	313.3009
163	5.3575	310(3)	311.9875	311.9875
164	5.3776	309(3)	310.6700	310.6700
165	5.3977	310(3)	309.3546	309.3546
166	5.4176	304(3)	309.2615	308.0470
167	5.4376	307(3)	308.0070	306.7355
168	5.4576	302(3)	306.7567	305.4240
169	5.4776	300(3)	305.5127	304.1145
170	5.4976	302(3)	304.2699	302.8010
171	5.5176	296(3)	303.0345	301.4895
172	5.5376	296(3)	301.8052	300.1780
173	5.5577	294(3)	300.5747	298.8579
174	5.5778	296(3)	299.3579	297.5445
175	5.5979	299(3)	298.1459	296.2271
176	5.6177	294(3)	296.9558	294.9234
177	5.6377	297(3)	295.9514	293.7946
178	5.6576	294(3)	295.2191	292.9261
179	5.6776	293(3)	294.4990	292.0563
180	5.6976	296(3)	293.7921	291.1839
181	5.7176	288(3)	293.1035	290.3128
182	5.7376	291(3)	292.4350	289.4417
183	5.7575	292(3)	291.7921	288.5744
184	5.7777	289(3)	291.1683	287.6968
185	5.7976	286(3)	290.5818	286.8283
186	5.8177	290(3)	290.0262	285.9515
187	5.8377	289(3)	289.5187	285.0834
188	5.8575	290(3)	289.0630	284.2188
189	5.8775	293(3)	288.6648	283.3490
190	5.8975	284(3)	288.3389	282.4779
191	5.9174	287(3)	288.4392	281.9486
192	5.9373	288(3)	288.6506	281.4181
193	5.9576	291(3)	289.0050	280.8802
194	5.9775	288(3)	289.5315	280.3505
195	5.9976	290(3)	290.3039	279.8168
196	6.0175	288(3)	291.4229	279.2888
197	6.0374	293(3)	293.1394	278.7593
198	6.0576	295(3)	298.9812	278.2230
199	6.0776	305(3)	304.1372	277.6925
200	6.0975	305(3)	313.4004	277.1628
201	6.1175	325(3)	329.9377	276.6324
202	6.1373	350(3)	357.8672	276.1053
203	6.1573	389(3)	402.8835	275.5757
204	6.1772	453(4)	470.8581	275.0452
205	6.1973	558(4)	567.8822	274.5131
206	6.2174	697(5)	699.3702	273.9778

207	6.2374	873(5)	863.0580	273.4482
208	6.2573	1078(6)	1050.1064	272.9177
209	6.2774	1257(6)	1234.2305	272.3856
210	6.2975	1378(6)	1369.9585	271.8509
211	6.3173	1398(6)	1399.1720	271.3239
212	6.3374	1271(6)	1286.5642	270.7902
213	6.3573	1061(6)	1063.5420	270.2613
214	6.3773	798(5)	809.2330	269.7316
215	6.3975	579(4)	591.7797	269.1945
216	6.4176	440(4)	446.3386	268.6600
217	6.4377	362(3)	365.1665	268.1272
218	6.4577	316(3)	325.6862	267.5959
219	6.4777	302(3)	307.7401	267.0627
220	6.4978	296(3)	299.4591	266.5307
221	6.5177	291(3)	295.1434	266.0021
222	6.5377	281(3)	292.4672	265.4689
223	6.5575	273(3)	290.6641	264.9435
224	6.5775	278(3)	289.3879	264.4122
225	6.5975	277(3)	288.5499	263.8810
226	6.6176	273(3)	288.1053	263.3473
227	6.6376	276(3)	288.0456	262.8160
228	6.6575	274(3)	288.5849	262.4991
229	6.6775	271(3)	289.6114	262.2516
230	6.6975	270(3)	291.0968	262.0045
231	6.7174	273(3)	293.1077	261.7587
232	6.7373	280(3)	295.7888	261.5116
233	6.7573	268(3)	299.3336	261.2648
234	6.7774	275(3)	304.1494	261.0162
235	6.7975	283(3)	310.8945	260.7672
236	6.8175	298(3)	320.6925	260.5197
237	6.8375	306(3)	335.6622	260.2722
238	6.8576	315(3)	359.4007	260.0236
239	6.8776	349(3)	397.1454	259.7758
240	6.8977	391(3)	456.6192	259.5275
241	6.9177	469(4)	547.1323	259.2792
242	6.9376	576(4)	676.3799	259.0333
243	6.9578	738(5)	853.8163	258.7839
244	6.9778	954(5)	1075.6230	258.5356
245	6.9979	1222(6)	1330.3794	258.2878
246	7.0179	1510(7)	1592.5294	258.0403
247	7.0378	1757(7)	1819.0277	257.7939
248	7.0577	1895(7)	1950.1227	257.5468
249	7.0776	1860(7)	1920.4897	257.3013
250	7.0976	1676(7)	1712.8574	257.0539
251	7.1177	1365(6)	1392.2946	256.8053
252	7.1377	1009(5)	1058.5337	256.5569
253	7.1577	733(5)	781.2170	256.3103
254	7.1777	546(4)	582.5426	256.0628
255	7.1976	442(4)	457.9432	255.8161
256	7.2177	387(3)	385.8930	255.5670
257	7.2375	357(3)	347.0339	255.3223
258	7.2574	329(3)	324.0638	255.0760
259	7.2773	311(3)	310.8068	254.8297
260	7.2975	301(3)	301.7583	254.5802

261	7.3175	296(3)	295.0670	254.3323
262	7.3374	282(3)	289.7583	254.0861
263	7.3575	283(3)	285.3077	253.8378
264	7.3776	276(3)	281.5173	253.5888
265	7.3975	275(3)	278.2874	253.3424
266	7.4176	269(3)	275.4614	253.0942
267	7.4376	269(3)	273.0009	252.8467
268	7.4576	263(3)	270.8368	252.5989
269	7.4776	263(3)	268.9284	252.3514
270	7.4975	263(3)	267.2399	252.1050
271	7.5176	267(3)	265.7187	251.8568
272	7.5376	257(3)	264.3543	251.6093
273	7.5577	254(3)	263.1140	251.3607
274	7.5777	255(3)	261.9859	251.1124
275	7.5976	259(3)	260.9644	250.8669
276	7.6176	259(3)	260.0161	250.6194
277	7.6377	255(3)	259.1319	250.3700
278	7.6575	253(3)	258.3257	250.1252
279	7.6777	249(3)	257.5606	249.8768
280	7.6975	254(3)	257.0638	249.8402
281	7.7177	254(3)	256.6049	249.8031
282	7.7375	255(3)	256.1950	249.7665
283	7.7576	255(3)	255.8213	249.7294
284	7.7776	251(3)	255.4892	249.6926
285	7.7977	251(3)	255.1942	249.6556
286	7.8177	251(3)	254.9340	249.6187
287	7.8376	253(3)	254.7002	249.5819
288	7.8576	259(3)	254.4789	249.5451
289	7.8774	249(3)	254.2556	249.5085
290	7.8975	250(3)	253.9890	249.4715
291	7.9175	254(3)	253.7156	249.4346
292	7.9376	250(3)	253.4301	249.3976
293	7.9575	253(3)	253.1564	249.3609
294	7.9776	247(3)	252.9044	249.3239
295	7.9976	249(3)	252.6817	249.2870
296	8.0175	246(3)	252.4848	249.2503
297	8.0375	250(3)	252.3062	249.2134
298	8.0573	249(3)	252.1427	249.1768
299	8.0775	252(3)	251.9867	249.1397
300	8.0975	251(3)	251.8400	249.1028
301	8.1175	250(3)	251.7000	249.0659
302	8.1373	246(3)	249.0361	249.0293
303	8.1573	245(3)	248.9984	248.9925
304	8.1775	249(3)	249.2319	249.2268
305	8.1977	252(3)	249.4686	249.4640
306	8.2176	250(3)	249.7029	249.6988
307	8.2376	253(3)	249.9379	249.9343
308	8.2576	252(3)	250.1727	250.1694
309	8.2775	251(3)	250.4072	250.4042
310	8.2977	246(3)	250.6441	250.6414
311	8.3176	250(3)	250.8787	250.8762
312	8.3376	249(3)	251.1136	251.1113
313	8.3574	254(3)	251.3463	251.3442
314	8.3774	249(3)	251.5823	251.5804

315	8.3975	249(3)	251.8185	251.8167
316	8.4175	255(3)	252.0542	252.0525
317	8.4376	252(3)	252.2902	252.2887
318	8.4576	254(3)	252.5260	252.5246
319	8.4776	251(3)	252.7614	252.7600
320	8.4976	248(3)	252.9964	252.9952
321	8.5175	258(3)	253.2308	253.2296
322	8.5374	258(3)	253.6757	253.4635
323	8.5575	255(3)	253.9230	253.7009
324	8.5775	259(3)	254.1686	253.9360
325	8.5974	253(3)	254.4145	254.1707
326	8.6175	253(3)	254.6634	254.4073
327	8.6376	253(3)	254.9128	254.6435
328	8.6577	253(3)	255.1656	254.8821
329	8.6778	258(3)	255.8712	255.5723
330	8.6977	260(3)	256.5735	256.2580
331	8.7176	254(3)	257.2728	256.9393
332	8.7375	257(3)	257.9771	257.6240
333	8.7575	258(3)	258.6853	258.3108
334	8.7776	259(3)	259.3988	259.0007
335	8.7977	258(3)	260.1160	259.6919
336	8.8177	263(3)	260.8287	260.3763
337	8.8377	261(3)	261.5494	261.0654
338	8.8577	260(3)	262.2686	261.7498
339	8.8776	264(3)	262.9927	262.4345
340	8.8977	258(3)	263.7332	263.1257
341	8.9177	260(3)	264.4927	263.8101
342	8.9376	264(3)	265.3412	264.4948
343	8.9576	266(3)	266.4738	265.1816
344	8.9777	270(3)	268.3008	265.8728
345	8.9977	273(3)	271.6665	266.5596
346	9.0177	276(3)	277.9532	267.2440
347	9.0376	286(3)	289.0266	267.9286
348	9.0576	300(3)	306.8064	268.7559
349	9.0775	331(3)	331.3870	269.6561
350	9.0976	361(3)	359.8910	270.5645
351	9.1177	390(3)	384.5760	271.4729
352	9.1377	399(3)	395.6426	272.3804
353	9.1577	396(3)	386.9639	273.2816
354	9.1778	358(3)	361.3043	274.1932
355	9.1978	333(3)	330.6396	275.0976
356	9.2178	305(3)	306.5177	275.9992
357	9.2377	295(3)	293.5910	276.8990
358	9.2576	293(3)	290.5927	277.8007
359	9.2776	300(3)	295.3157	278.7050
360	9.2976	309(3)	307.5695	279.6080
361	9.3177	327(3)	329.5445	280.5164
362	9.3375	359(3)	363.2271	281.4140
363	9.3576	402(3)	409.6968	282.3224
364	9.3776	448(4)	463.6782	283.2267
365	9.3976	509(4)	514.4439	284.1311
366	9.4176	534(4)	546.0455	285.0354
367	9.4376	526(4)	543.3871	285.9398
368	9.4576	490(4)	504.3316	286.8441

369	9.4777	432(4)	444.7079	287.7544
370	9.4976	376(3)	387.2612	288.6515
371	9.5176	344(3)	344.0926	289.5559
372	9.5376	326(3)	318.2743	290.4615
373	9.5577	315(3)	305.5571	291.3718
374	9.5778	309(3)	300.7238	292.5930
375	9.5979	306(3)	299.4137	293.8500
376	9.6178	301(3)	300.3447	295.0957
377	9.6376	305(3)	301.2345	296.3370
378	9.6576	306(3)	302.7517	297.5883
379	9.6777	302(3)	305.1648	298.8434
380	9.6976	314(3)	308.9141	300.0910
381	9.7176	310(3)	314.4738	301.3404
382	9.7376	324(3)	321.9225	302.5917
383	9.7576	328(3)	330.5821	303.8431
384	9.7776	332(3)	338.5109	305.0963
385	9.7977	338(3)	343.3123	306.3513
386	9.8177	337(3)	343.0075	307.6070
387	9.8376	335(3)	337.9644	308.8484
388	9.8575	330(3)	330.8224	310.0959
389	9.8775	324(3)	324.5911	311.3473
390	9.8974	313(3)	320.8793	312.5923
391	9.9174	323(3)	319.5603	313.8436
392	9.9374	322(3)	319.7678	315.0950
393	9.9575	319(3)	320.6585	316.3525
394	9.9776	325(3)	321.7480	317.6076
395	9.9976	325(3)	322.8847	318.8589
396	10.0175	331(3)	324.0770	320.1091
397	10.0375	326(3)	325.3859	321.3862
398	10.0576	332(3)	326.8107	322.6699
399	10.0775	334(3)	328.3350	323.9406
400	10.0975	338(3)	329.9967	325.2179
401	10.1175	344(3)	331.8371	326.4950
402	10.1374	344(3)	335.1675	327.7658
403	10.1573	345(3)	337.7599	329.0367
404	10.1773	349(3)	340.9735	330.3138
405	10.1973	358(3)	344.9635	331.5911
406	10.2174	362(3)	349.9736	332.8746
407	10.2374	375(3)	356.5593	334.1519
408	10.2573	381(3)	366.4185	335.4226
409	10.2774	407(3)	383.6735	336.7062
410	10.2975	430(4)	415.1444	337.9898
411	10.3174	478(4)	468.7409	339.2606
412	10.3374	552(4)	551.3515	340.5378
413	10.3574	644(4)	662.3528	341.8150
414	10.3773	756(5)	793.7791	343.0858
415	10.3975	875(5)	937.9456	344.3758
416	10.4176	1037(6)	1086.2893	345.6594
417	10.4378	1183(6)	1239.0547	346.9127
418	10.4578	1336(6)	1381.4462	347.9608
419	10.4778	1437(6)	1472.8149	349.0089
420	10.4978	1400(6)	1450.9700	350.0571
421	10.5176	1265(6)	1291.6714	351.0948
422	10.5378	1017(5)	1040.1094	352.1534

423	10.5575	783(5)	793.1099	353.1858
424	10.5775	607(4)	601.4543	354.2339
425	10.5976	503(4)	484.5310	355.2874
426	10.6176	456(4)	427.3552	356.3354
427	10.6376	439(4)	405.2595	357.3836
428	10.6576	436(4)	400.8352	358.4317
429	10.6775	440(4)	404.8800	359.4746
430	10.6975	445(4)	413.3661	360.5228
431	10.7174	467(4)	423.9091	361.5657
432	10.7374	472(4)	434.3295	362.6138
433	10.7573	489(4)	442.0102	363.6567
434	10.7774	489(4)	445.4752	364.7101
435	10.7975	490(4)	447.2328	365.7635
436	10.8174	495(4)	456.8334	366.8064
437	10.8375	522(4)	493.2767	367.8597
438	10.8576	604(4)	588.7769	368.9131
439	10.8777	771(5)	790.7100	369.9665
440	10.8976	1100(6)	1145.4561	371.0094
441	10.9178	1631(7)	1684.1338	372.0681
442	10.9377	2301(8)	2336.8977	373.1109
443	10.9578	2942(9)	2963.9053	373.9565
444	10.9778	3304(10)	3330.1541	374.4272
445	10.9979	3193(10)	3248.7073	374.9004
446	11.0179	2657(9)	2724.8716	375.3711
447	11.0378	1930(8)	1991.5272	375.8396
448	11.0577	1250(6)	1315.4082	376.3080
449	11.0776	801(5)	845.9906	376.7764
450	11.0976	591(4)	586.9927	377.2472
451	11.1177	512(4)	470.1924	377.7203
452	11.1378	470(4)	425.2349	378.1934
453	11.1576	445(4)	409.0842	378.6595
454	11.1778	432(4)	402.4092	379.1349
455	11.1978	429(4)	398.9565	379.6057
456	11.2176	420(4)	396.6954	380.0718
457	11.2376	412(3)	395.0168	380.5426
458	11.2574	413(3)	393.7670	381.0086
459	11.2774	408(3)	392.8198	381.4794
460	11.2975	403(3)	392.1231	381.9525
461	11.3175	400(3)	391.6386	382.4233
462	11.3374	405(3)	391.3326	382.8917
463	11.3575	403(3)	391.1871	383.3649
464	11.3776	399(3)	391.2182	383.8380
465	11.3976	397(3)	391.4883	384.3087
466	11.4176	391(3)	391.4817	384.7795
467	11.4376	393(3)	392.8802	385.2503
468	11.4577	395(3)	395.4538	385.7234
469	11.4776	403(3)	399.6451	386.1918
470	11.4975	407(3)	404.9999	385.9642
471	11.5176	414(3)	411.6784	385.5573
472	11.5376	419(4)	418.4012	385.1524
473	11.5578	426(4)	423.0444	384.7435
474	11.5777	425(4)	423.2211	384.3407
475	11.5976	420(4)	418.2920	383.9379
476	11.6177	409(3)	410.0108	383.5310

477	11.6376	397(3)	401.4156	383.1281
478	11.6576	395(3)	394.3989	382.7233
479	11.6776	393(3)	390.3847	382.3185
480	11.6976	391(3)	387.6028	381.9136
481	11.7176	401(3)	386.0668	381.5087
482	11.7375	406(3)	385.2041	381.1059
483	11.7576	393(3)	385.7631	380.6990
484	11.7777	397(3)	385.6906	380.2922
485	11.7976	397(3)	386.2007	379.8893
486	11.8178	397(3)	387.7131	379.4804
487	11.8376	406(3)	390.9568	379.0796
488	11.8575	416(3)	396.4381	378.6768
489	11.8774	413(3)	403.0414	378.2740
490	11.8975	420(4)	412.0383	377.8671
491	11.9175	422(4)	420.0126	377.4622
492	11.9375	425(4)	424.4040	377.0574
493	11.9575	422(4)	423.4668	376.6525
494	11.9776	416(4)	417.2426	376.2457
495	11.9976	401(3)	407.8491	375.8408
496	12.0175	391(3)	398.2824	375.4380
497	12.0375	392(3)	390.5403	375.0331
498	12.0573	382(3)	385.3840	374.6323
499	12.0775	377(3)	382.3562	374.2234
500	12.0975	378(3)	380.7168	373.6839
501	12.1175	376(3)	379.5840	372.8225
502	12.1374	377(3)	378.8685	371.9655
503	12.1574	377(3)	378.3612	371.1042
504	12.1775	375(3)	377.9902	370.2385
505	12.1977	382(3)	377.7305	369.3685
506	12.2177	381(3)	377.5935	368.5072
507	12.2376	390(3)	377.5925	367.6501
508	12.2575	397(3)	377.7519	366.7931
509	12.2776	404(3)	378.1114	365.9275
510	12.2977	400(3)	378.7203	365.0618
511	12.3176	399(3)	379.6389	364.2048
512	12.3375	396(3)	380.9780	363.3477
513	12.3574	398(3)	382.9251	362.4907
514	12.3774	393(3)	385.8931	361.6293
515	12.3975	399(3)	390.8488	360.7636
516	12.4175	415(3)	399.9679	359.9023
517	12.4375	430(4)	418.0229	359.0410
518	12.4578	466(4)	454.5121	358.1667
519	12.4776	541(4)	520.9095	357.3140
520	12.4975	663(4)	633.2881	356.4569
521	12.5175	830(5)	802.9543	355.5956
522	12.5374	1063(6)	1024.6619	354.7385
523	12.5575	1327(6)	1280.7260	353.8729
524	12.5775	1552(7)	1528.1584	353.0115
525	12.5974	1742(7)	1720.8113	352.1545
526	12.6175	1871(7)	1833.4946	351.2888
527	12.6376	1891(7)	1866.8984	350.4232
528	12.6577	1836(7)	1817.7609	349.5575
529	12.6778	1683(7)	1661.9094	348.4773
530	12.6977	1408(6)	1404.7583	347.0994



531	12.7176	1117(6)	1103.9852	345.7216
532	12.7375	833(5)	830.5616	344.3438
533	12.7575	635(4)	625.9069	342.9590
534	12.7777	510(4)	496.7283	341.5603
535	12.7977	460(4)	427.4767	340.1755
536	12.8177	421(4)	393.2200	338.7908
537	12.8377	399(3)	376.1558	337.4060
538	12.8578	377(3)	366.6247	336.0143
539	12.8776	372(3)	360.3991	334.6434
540	12.8977	369(3)	355.6250	333.2517
541	12.9177	359(3)	351.8603	331.8669
542	12.9376	358(3)	349.0220	330.4891
543	12.9576	345(3)	347.0522	329.1043
544	12.9778	341(3)	345.8548	327.7057
545	12.9977	350(3)	345.1013	326.3279
546	13.0177	343(3)	344.1626	324.9431
547	13.0376	336(3)	342.3981	323.5652
548	13.0576	337(3)	339.5070	322.1805
549	13.0775	333(3)	335.8608	320.8027
550	13.0976	329(3)	332.1484	319.4109
551	13.1177	326(3)	328.9877	318.0193
552	13.1377	323(3)	326.6770	316.7386
553	13.1578	333(3)	326.9653	315.4854
554	13.1778	322(3)	325.8417	314.2385
555	13.1979	331(3)	325.0892	312.9853
556	13.2178	329(3)	324.8112	311.7447
557	13.2376	330(3)	325.4046	310.5102
558	13.2576	333(3)	327.9741	309.2633
559	13.2776	342(3)	334.9191	308.0164
560	13.2976	357(3)	350.5588	306.7694
561	13.3176	383(3)	380.8510	305.5226
562	13.3375	434(4)	430.7486	304.2818
563	13.3577	519(4)	501.4630	303.0225
564	13.3775	592(4)	580.3375	301.7880
565	13.3976	652(4)	648.6047	300.5349
566	13.4176	681(4)	677.7891	299.2879
567	13.4376	637(4)	651.1622	298.0410
568	13.4577	571(4)	578.5242	296.7878
569	13.4776	481(4)	491.2967	295.5472
570	13.4976	407(3)	414.9431	294.3002
571	13.5175	351(3)	362.3163	293.0595
572	13.5376	322(3)	331.0385	291.8064
573	13.5578	316(3)	315.8209	290.5470
574	13.5778	310(3)	309.0503	289.3001
575	13.5978	314(3)	306.2944	288.0532
576	13.6178	308(3)	304.9205	286.8062
577	13.6377	312(3)	307.2095	285.9067
578	13.6576	310(3)	312.9651	285.1156
579	13.6776	333(3)	323.5760	284.3205
580	13.6976	343(3)	339.9702	283.5255
581	13.7175	369(3)	361.2668	282.7344
582	13.7376	389(3)	384.3259	281.9353
583	13.7576	404(3)	402.5434	281.1402
584	13.7777	413(3)	408.6888	280.3412

585	13.7977	396(3)	399.0326	279.5461
586	13.8176	374(3)	378.0939	278.7550
587	13.8376	350(3)	354.1665	277.9599
588	13.8575	333(3)	334.1180	277.1688
589	13.8775	314(3)	320.7143	276.3738
590	13.8974	313(3)	314.0488	275.5827
591	13.9174	316(3)	312.6200	274.7876
592	13.9375	322(3)	316.3446	273.9886
593	13.9574	334(3)	322.0672	273.1975
594	13.9776	348(3)	331.4626	272.3945
595	13.9975	368(3)	345.8758	271.6033
596	14.0176	398(3)	369.4668	270.8043
597	14.0375	438(4)	408.9327	270.0132
598	14.0575	498(4)	476.0580	269.2181
599	14.0775	597(4)	584.4840	268.4231
600	14.0976	752(5)	745.6130	267.6240
601	14.1175	967(5)	954.6279	266.8329
602	14.1373	1220(6)	1188.4121	266.0458
603	14.1572	1432(6)	1400.3623	265.2547
604	14.1773	1558(7)	1520.6909	264.4556
605	14.1974	1511(7)	1488.0856	263.6566
606	14.2174	1318(6)	1311.9932	262.8615
607	14.2374	1061(6)	1065.1818	262.0809
608	14.2573	804(5)	823.4027	261.3396
609	14.2775	610(4)	625.8944	260.5870
610	14.2975	483(4)	490.9879	259.8419
611	14.3174	417(4)	409.6555	259.1006
612	14.3374	372(3)	365.9395	258.3555
613	14.3574	359(3)	345.2428	257.6104
614	14.3774	348(3)	336.8523	256.8653
615	14.3975	339(3)	332.7348	256.1165
616	14.4176	327(3)	327.7813	255.3677
617	14.4377	316(3)	319.5372	254.6189
618	14.4579	302(3)	308.6985	253.8663
619	14.4778	288(3)	297.9829	253.1250
620	14.4978	290(3)	289.2195	252.3799
621	14.5176	280(3)	283.2965	251.6423
622	14.5377	282(3)	279.8037	250.8935
623	14.5576	283(3)	278.1153	250.1521
624	14.5775	290(3)	277.4831	249.4108
625	14.5976	293(3)	277.3918	248.6619
626	14.6176	291(3)	277.5291	247.9169
627	14.6376	293(3)	277.8596	247.1718
628	14.6575	291(3)	279.0925	246.4304
629	14.6776	285(3)	281.1235	245.6816
630	14.6975	294(3)	285.4127	244.9402
631	14.7173	300(3)	294.2311	244.2026
632	14.7374	322(3)	312.7557	243.4538
633	14.7574	356(3)	349.8876	242.7087
634	14.7774	427(4)	419.2448	241.9636
635	14.7974	546(4)	535.9352	241.2185
636	14.8175	734(5)	708.3203	240.4797
637	14.8375	983(5)	922.9302	239.7600
638	14.8576	1227(6)	1141.5720	239.0367

639	14.8777	1405(6)	1296.5090	238.3133
640	14.8976	1421(7)	1318.9368	237.5972
641	14.9178	1263(6)	1189.6373	236.8702
642	14.9377	1025(6)	969.3657	236.1541
643	14.9579	762(5)	733.4145	235.4271
644	14.9778	543(4)	543.1604	234.7110
645	14.9979	409(3)	412.3572	233.9877
646	15.0179	347(3)	336.0907	233.2679
647	15.0378	309(3)	296.0766	232.5518
648	15.0578	289(3)	275.9067	231.8321
649	15.0776	275(3)	265.7520	231.1195
650	15.0977	266(3)	260.4630	230.3962
651	15.1177	261(3)	258.4251	229.6765
652	15.1376	267(3)	259.0876	228.9603
653	15.1578	258(3)	261.9212	228.2334
654	15.1778	260(3)	265.4436	227.5136
655	15.1979	261(3)	267.4554	226.7903
656	15.2175	251(3)	265.9633	226.0849
657	15.2375	246(3)	260.5580	225.3652
658	15.2574	239(3)	251.2668	224.6491
659	15.2774	237(3)	244.0761	223.9293
660	15.2975	228(3)	238.7794	223.2060
661	15.3175	229(3)	235.6422	222.4863
662	15.3375	231(3)	234.1589	221.7665
663	15.3575	220(3)	233.8195	221.0468
664	15.3776	232(3)	234.6952	220.3234
665	15.3976	235(3)	237.6866	219.6037
666	15.4176	244(3)	245.1859	218.8840
667	15.4377	260(3)	261.7522	218.1977
668	15.4576	289(3)	293.0915	217.5223
669	15.4776	338(3)	344.9488	216.8435
670	15.4976	414(3)	417.5489	216.1647
671	15.5176	518(4)	501.7741	215.4859
672	15.5376	632(4)	577.8785	214.8072
673	15.5577	732(5)	621.7620	214.1250
674	15.5776	767(5)	618.5092	213.4496
675	15.5977	757(5)	572.2132	212.7674
676	15.6177	655(4)	498.5947	212.0886
677	15.6376	526(4)	417.8438	211.4132
678	15.6577	403(3)	346.3307	210.7311
679	15.6776	305(3)	293.8277	210.0557
680	15.6975	260(3)	259.9138	209.3803
681	15.7177	239(3)	240.6740	208.6947
682	15.7376	227(3)	231.9014	208.0193
683	15.7576	224(3)	229.2208	207.3405
684	15.7776	222(3)	229.8194	206.6618
685	15.7976	223(3)	231.5874	205.9830
686	15.8178	225(3)	232.7057	205.2974
687	15.8376	222(3)	231.6596	204.6254
688	15.8575	223(3)	228.0398	203.9500
689	15.8774	210(2)	222.8150	203.2746
690	15.8975	209(2)	216.2860	202.5924
691	15.9175	203(2)	211.6430	201.9137
692	15.9375	202(2)	208.1286	201.2349

693	15.9576	201(2)	205.6492	200.5527
694	15.9776	197(2)	203.9398	199.8739
695	15.9976	196(2)	202.6975	199.1951
696	16.0175	196(2)	201.7342	198.5198
697	16.0374	197(2)	201.0696	197.9555
698	16.0574	196(2)	200.7373	197.5294
699	16.0775	197(2)	200.6842	197.1010
700	16.0975	197(2)	201.0624	196.6749
701	16.1175	200(2)	202.1149	196.2487
702	16.1373	207(2)	204.0755	195.8268
703	16.1574	214(3)	207.2060	195.3985
704	16.1776	225(3)	211.6383	194.9681
705	16.1977	232(3)	216.5115	194.5398
706	16.2176	247(3)	220.8918	194.1158
707	16.2376	259(3)	193.6896	193.6896
726	16.6175	195(2)	189.9805	185.5947
727	16.6376	185(2)	189.7914	185.4803
728	16.6577	193(2)	190.8104	185.4728
729	16.6778	192(2)	193.5189	185.4652
730	16.6976	197(2)	199.1588	185.4578
731	16.7175	210(2)	208.1104	185.4503
732	16.7375	217(3)	220.6547	185.4428
733	16.7576	239(3)	234.8460	185.4352
734	16.7776	253(3)	246.5390	185.4277
735	16.7976	265(3)	251.5867	185.4202
736	16.8177	254(3)	247.1806	185.4126
737	16.8377	239(3)	236.5407	185.4051
738	16.8577	222(3)	224.7693	185.3976
739	16.8776	211(2)	215.5493	185.3901
740	16.8976	200(2)	209.8319	185.3826
741	16.9177	196(2)	206.9120	185.3750
742	16.9376	198(2)	206.2540	185.3676
743	16.9576	196(2)	208.2396	185.3600
744	16.9777	197(2)	213.4648	185.3525
745	16.9977	202(2)	221.4447	185.3450
746	17.0176	217(3)	230.2960	185.3375
747	17.0376	224(3)	237.5568	185.3300
748	17.0575	229(3)	241.8493	185.3225
749	17.0776	239(3)	245.1033	185.3149
750	17.0975	244(3)	251.3040	185.3074
751	17.1176	263(3)	263.3564	185.2999
752	17.1377	285(3)	280.0090	185.2923
753	17.1578	300(3)	295.5684	185.2848
754	17.1779	309(3)	301.9998	185.2772
755	17.1978	295(3)	294.3999	185.2697
756	17.2178	270(3)	276.2810	185.2622
757	17.2376	251(3)	253.7072	185.2548
758	17.2576	220(3)	232.9260	185.2472
759	17.2776	209(2)	217.4224	185.2397
760	17.2976	196(2)	207.6641	185.2322
761	17.3176	193(2)	202.6574	185.2247
762	17.3376	197(2)	201.1947	185.2171
763	17.3576	194(2)	202.6439	185.2096
764	17.3775	202(2)	207.0099	185.2282

765	17.3976	211(2)	214.6172	185.3277
766	17.4177	221(3)	224.9549	185.4272
767	17.4376	240(3)	236.2861	185.5257
768	17.4576	258(3)	245.9015	185.6247
769	17.4775	263(3)	250.8507	185.7232
770	17.4976	267(3)	250.6092	185.8227
771	17.5176	264(3)	248.8475	185.9216
772	17.5377	255(3)	251.2698	186.0211
773	17.5578	265(3)	263.7802	186.1206
774	17.5778	297(3)	290.2920	186.2196
775	17.5978	340(3)	331.8660	186.3186
776	17.6178	402(3)	384.9185	186.4176
777	17.6378	462(4)	441.4399	186.5165
778	17.6576	514(4)	486.0481	186.6145
779	17.6776	539(4)	505.7265	186.7135
780	17.6976	518(4)	491.4576	186.8125
781	17.7176	479(4)	452.6894	186.9115
782	17.7376	432(4)	411.5482	187.0105
783	17.7576	416(4)	387.2484	187.1095
784	17.7776	418(4)	388.3061	187.2085
785	17.7976	450(4)	411.6200	187.3074
786	17.8177	490(4)	444.3331	187.4069
787	17.8376	513(4)	466.9578	187.5054
788	17.8576	510(4)	463.2969	187.6044
789	17.8774	463(4)	431.6213	187.7024
790	17.8974	412(3)	384.7841	187.8014
791	17.9174	356(3)	339.3974	187.9004
792	17.9374	313(3)	306.7429	187.9994
793	17.9575	298(3)	292.4436	188.0988
794	17.9775	318(3)	299.5563	188.1978
795	17.9976	355(3)	333.5697	188.2973
796	18.0175	429(4)	407.3418	188.3958
797	18.0375	558(4)	543.4580	188.4948
798	18.0576	795(5)	760.2281	188.5943
799	18.0775	1094(6)	1042.9211	188.6927
800	18.0976	1406(6)	1338.1689	188.7922
801	18.1175	1629(7)	1540.8557	188.8907
802	18.1373	1635(7)	1561.6807	188.9887
803	18.1572	1457(7)	1389.3807	189.0872
804	18.1773	1153(6)	1106.8142	189.1867
805	18.1974	849(5)	826.2996	189.2862
806	18.2174	646(4)	617.8620	189.2240
807	18.2374	536(4)	499.6100	189.1313
808	18.2574	511(4)	469.4280	189.0385
809	18.2775	571(4)	531.8443	188.9452
810	18.2974	735(5)	690.3770	188.8529
811	18.3174	974(5)	924.8381	188.7601
812	18.3374	1238(6)	1165.1976	188.6673
813	18.3574	1415(6)	1311.2402	188.5745
814	18.3774	1391(6)	1293.3594	188.4817
815	18.3975	1214(6)	1137.9941	188.3884
816	18.4176	1015(6)	970.2021	188.2952
817	18.4378	954(5)	934.5158	188.2014
818	18.4578	1152(6)	1107.8975	188.1086

819	18.4778	1512(7)	1459.6300	188.0158
820	18.4978	1936(8)	1860.5159	187.9230
821	18.5177	2186(8)	2125.5898	187.8307
822	18.5377	2166(8)	2107.1992	187.7379
823	18.5576	1840(7)	1797.8583	187.6456
824	18.5775	1346(6)	1338.7675	187.5533
825	18.5976	884(5)	892.8827	187.4600
826	18.6176	560(4)	568.2992	187.3672
827	18.6376	389(3)	376.4324	187.2744
828	18.6576	310(3)	281.3637	187.1816
829	18.6776	273(3)	239.9553	187.0888
830	18.6975	248(3)	222.3576	186.9965
831	18.7174	235(3)	214.2398	186.9041
832	18.7374	222(3)	209.4274	186.8114
833	18.7574	210(2)	206.0098	186.7186
834	18.7774	203(2)	203.4210	186.6258
835	18.7974	199(2)	201.4753	186.5330
836	18.8175	198(2)	200.2040	186.4397
837	18.8376	196(2)	199.3492	186.3465
838	18.8576	190(2)	199.0475	186.2536
839	18.8776	190(2)	199.8750	186.1609
840	18.8976	189(2)	200.5809	186.0681
841	18.9178	191(2)	201.1090	185.9743
842	18.9378	197(2)	201.7856	185.8815
843	18.9578	202(2)	201.9781	185.7887
844	18.9779	206(2)	201.6181	185.6955
845	18.9979	207(2)	200.9748	185.6027
846	19.0179	211(3)	200.4455	185.5099
847	19.0379	227(3)	200.3664	185.4171
848	19.0577	233(3)	199.7456	185.1468
849	19.0777	232(3)	200.0429	184.7815
850	19.0976	224(3)	200.0346	184.4180
851	19.1176	210(3)	199.3637	184.0528
852	19.1378	206(2)	198.0109	183.6839
853	19.1578	192(2)	196.4410	183.3186
854	19.1778	198(2)	195.2606	182.9533
855	19.1978	197(2)	195.0261	182.5881
856	19.2176	198(2)	196.3280	182.2265
857	19.2375	208(2)	200.2844	181.8630
858	19.2574	224(3)	209.7779	181.4996
859	19.2775	242(3)	229.5421	181.1325
860	19.2975	281(3)	264.3812	180.7672
861	19.3175	340(3)	318.2923	180.4019
862	19.3375	429(4)	392.9236	180.0367
863	19.3575	527(4)	488.8380	179.6714
864	19.3775	652(4)	607.0636	179.3061
865	19.3977	792(5)	749.3505	178.9372
866	19.4176	951(5)	904.1061	178.5738
867	19.4376	1092(6)	1044.8367	178.2085
868	19.4576	1162(6)	1125.8772	177.8432
869	19.4776	1148(6)	1112.9468	177.4780
870	19.4976	1039(6)	1018.3957	177.1127
871	19.5176	888(5)	882.4011	176.7474
872	19.5376	740(5)	735.2053	176.3821

873	19.5576	593(4)	591.2782	176.0169
874	19.5778	482(4)	461.7643	175.6480
875	19.5977	372(3)	361.2960	175.2845
876	19.6177	311(3)	293.3798	174.9193
877	19.6376	270(3)	257.7829	174.5558
878	19.6576	269(3)	248.9491	174.1906
879	19.6776	280(3)	263.4666	173.8253
880	19.6976	324(3)	303.7800	173.4600
881	19.7177	397(3)	378.6151	173.0899
882	19.7376	530(4)	493.8223	172.6724
883	19.7576	700(5)	645.4443	172.2528
884	19.7776	878(5)	804.8401	171.8332
885	19.7978	987(5)	922.2698	171.4094
886	19.8178	1014(5)	942.5340	170.9898
887	19.8376	909(5)	854.8002	170.5743
888	19.8575	736(5)	698.3220	170.1568
889	19.8775	557(4)	530.2070	169.7372
890	19.8975	403(3)	392.6271	169.3176
891	19.9175	310(3)	300.5943	168.8980
892	19.9375	258(3)	249.1267	168.4784
893	19.9576	228(3)	225.3538	168.0567
894	19.9776	213(3)	217.8044	167.6371
895	19.9976	216(3)	218.7702	167.2175
896	20.0175	216(3)	224.0904	166.7999
897	20.0374	224(3)	231.4188	166.3824
898	20.0575	234(3)	238.3412	165.9607
899	20.0775	239(3)	241.5011	165.5411
900	20.0974	236(3)	237.2234	165.1236
901	20.1175	226(3)	225.8598	164.7019
902	20.1373	210(3)	210.7461	164.2865
903	20.1574	195(2)	196.9376	163.8647
904	20.1776	183(2)	187.3076	163.4409
905	20.1976	185(2)	182.3352	163.0213
906	20.2176	182(2)	180.3777	162.6017
907	20.2376	180(2)	179.5632	162.2514
908	20.2576	177(2)	178.5803	162.0626
909	20.2776	174(2)	177.1765	161.8738
910	20.2976	167(2)	175.1216	161.6851
911	20.3176	171(2)	173.3779	161.4963
912	20.3376	166(2)	172.1353	161.3075
913	20.3575	164(2)	171.2962	161.1197
914	20.3774	163(2)	170.3433	160.9319
915	20.3974	161(2)	169.7073	160.7431
916	20.4175	154(2)	169.1308	160.5534
917	20.4376	161(2)	168.7739	160.3637
918	20.4578	159(2)	168.9363	160.1730
919	20.4775	163(2)	169.7305	159.9871
920	20.4975	164(2)	172.0828	159.7983
921	20.5175	172(2)	176.4557	159.6096
922	20.5375	180(2)	183.5304	159.4208
923	20.5575	188(2)	193.5213	159.2320
924	20.5775	206(2)	205.5936	159.0433
925	20.5974	229(3)	217.2863	158.8554
926	20.6176	236(3)	225.0625	158.6648

927	20.6376	241(3)	225.3172	158.4760
928	20.6578	228(3)	217.9960	158.2854
929	20.6779	217(3)	206.8170	158.0956
930	20.6976	202(2)	196.2635	157.9097
931	20.7176	196(2)	188.6567	157.7209
932	20.7376	197(2)	185.8767	157.5322
933	20.7576	207(2)	188.8933	157.3434
934	20.7776	222(3)	198.1758	157.1546
935	20.7977	250(3)	216.0671	156.9649
936	20.8178	287(3)	242.6613	156.7752
937	20.8378	312(3)	276.7330	156.5864
938	20.8578	337(3)	315.2965	156.3977
939	20.8777	370(3)	355.9600	156.2099
940	20.8977	425(4)	403.8918	156.0211
941	20.9177	511(4)	470.8127	155.8323
942	20.9376	633(4)	569.2529	155.6445
943	20.9577	785(5)	703.8166	155.4548
944	20.9778	957(5)	856.6119	155.2651
945	20.9977	1082(6)	991.0970	155.0773
946	21.0177	1143(6)	1072.0350	154.8885
947	21.0376	1131(6)	1075.9905	154.7007
948	21.0576	1040(6)	1004.6980	154.5119
949	21.0775	930(5)	888.0126	154.3241
950	21.0976	797(5)	759.4514	154.1480
951	21.1176	673(4)	641.8201	154.0047
952	21.1378	583(4)	543.8143	153.8600
953	21.1578	508(4)	471.7673	153.7167
954	21.1779	462(4)	421.4493	153.5727
955	21.1979	424(4)	386.0817	153.4294
956	21.2178	393(3)	359.6921	153.2868
957	21.2376	367(3)	342.7168	153.1450
958	21.2577	349(3)	339.7446	153.0010
959	21.2776	355(3)	352.6066	152.8584
960	21.2976	374(3)	375.5959	152.7151
961	21.3175	406(4)	397.5588	152.5725
962	21.3376	410(4)	407.2817	152.4285
963	21.3576	406(3)	395.5821	152.2852
964	21.3776	382(3)	362.2643	152.1419
965	21.3976	334(3)	317.2354	151.9986
966	21.4176	284(3)	272.3408	151.8553
967	21.4377	243(3)	234.8818	151.7113
968	21.4577	214(3)	208.1844	151.5680
969	21.4775	197(2)	192.3044	151.4262
970	21.4976	188(2)	186.2035	151.2822
971	21.5176	190(2)	190.2969	151.1389
972	21.5376	194(2)	205.0984	150.9956
973	21.5578	224(3)	231.3088	150.8509
974	21.5778	252(3)	265.2545	150.7076
975	21.5978	289(3)	298.8011	150.5643
976	21.6178	310(3)	319.6187	150.4210
977	21.6378	320(3)	317.3968	150.2777
978	21.6576	309(3)	292.7699	150.1358
979	21.6776	269(3)	256.1221	149.9926
980	21.6975	237(3)	220.3901	149.8500



981	21.7176	204(2)	192.9801	149.7060
982	21.7375	176(2)	176.0225	149.5634
983	21.7577	163(2)	166.9337	149.4187
984	21.7776	157(2)	162.7739	149.2761
985	21.7977	155(2)	160.8075	149.1321
986	21.8176	156(2)	159.5706	148.9895
987	21.8376	150(2)	158.5154	148.8462
988	21.8576	148(2)	157.5687	148.7029
989	21.8774	147(2)	156.8952	148.5611
990	21.8974	149(2)	156.7093	148.4178
991	21.9174	150(2)	156.8658	148.2745
992	21.9375	152(2)	157.1627	148.1305
993	21.9574	152(2)	157.9008	147.9879
994	21.9776	152(2)	159.3749	147.8968
995	21.9976	151(2)	162.2068	147.8509
996	22.0175	161(2)	168.2237	147.8052
997	22.0375	167(2)	177.9086	147.7593
998	22.0575	177(2)	189.6836	147.7134
999	22.0776	188(2)	200.9188	147.6673
1000	22.0975	195(2)	208.1088	147.6216
1001	22.1175	187(2)	208.8853	147.5757
1002	22.1373	184(2)	204.1515	147.5303
1003	22.1572	181(2)	198.2073	147.4846
1004	22.1773	186(2)	195.3931	147.4385
1005	22.1974	192(2)	200.2744	147.3924
1006	22.2174	217(3)	213.1834	147.3465
1007	22.2373	239(3)	230.1797	147.3009
1008	22.2574	255(3)	244.0099	147.2547
1009	22.2775	254(3)	246.8603	147.2086
1010	22.2974	245(3)	236.8638	147.1630
1011	22.3173	230(3)	219.8847	147.1173
1012	22.3374	213(3)	204.9701	147.0712
1013	22.3574	203(2)	200.7856	147.0253
1014	22.3774	211(3)	212.9887	146.9794
1015	22.3975	250(3)	243.8137	146.9333
1016	22.4176	294(3)	289.6541	146.8872
1017	22.4377	342(3)	340.1273	146.8410
1018	22.4578	373(3)	378.0280	146.7949
1019	22.4778	385(3)	386.6772	146.7490
1020	22.4978	354(3)	361.0775	146.7031
1021	22.5176	304(3)	313.8864	146.6577
1022	22.5377	253(3)	261.9159	146.6116
1023	22.5576	216(3)	219.6670	146.5659
1024	22.5775	192(2)	191.6014	146.5202
1025	22.5975	185(2)	176.4309	146.4744
1026	22.6175	177(2)	170.4353	146.4285
1027	22.6376	182(2)	170.4960	146.3824
1028	22.6576	188(2)	175.3979	146.3365
1029	22.6775	196(2)	185.2507	146.2908
1030	22.6974	218(3)	199.7070	146.2451
1031	22.7174	240(3)	216.2195	146.1992
1032	22.7374	260(3)	229.4968	146.1534
1033	22.7574	265(3)	233.7656	146.1075
1034	22.7774	258(3)	227.0491	146.0616

1035	22.7974	240(3)	213.6632	146.0157
1036	22.8175	220(3)	200.7310	145.9696
1037	22.8376	205(2)	194.1235	145.9234
1038	22.8576	201(2)	196.5263	145.8775
1039	22.8776	209(3)	208.6216	145.8317
1040	22.8976	231(3)	231.4496	145.7858
1041	22.9178	272(3)	268.1207	145.7423
1042	22.9378	334(3)	320.5123	145.7004
1043	22.9578	409(3)	386.8050	145.6585
1044	22.9779	485(4)	456.7029	145.6164
1045	22.9979	541(4)	511.4050	145.5745
1046	23.0178	570(4)	536.9066	145.5328
1047	23.0378	568(4)	539.9557	145.4909
1048	23.0578	578(4)	545.9022	145.4490
1049	23.0776	613(4)	575.6481	145.4075
1050	23.0976	673(4)	630.4092	145.3656
1051	23.1176	743(5)	686.4792	145.3237
1052	23.1378	758(5)	705.4019	145.2814
1053	23.1577	701(5)	660.8300	145.2397
1054	23.1778	589(4)	563.3377	145.1976
1055	23.1978	463(4)	448.8009	145.1558
1056	23.2175	353(3)	348.1044	145.1145
1057	23.2375	274(3)	272.5542	145.0726
1058	23.2574	227(3)	224.4485	145.0309
1059	23.2774	198(2)	196.3265	144.9890
1060	23.2975	188(2)	180.8694	144.9469
1061	23.3175	174(2)	173.0674	144.9050
1062	23.3375	172(2)	170.3407	144.8631
1063	23.3575	171(2)	172.1028	144.8212
1064	23.3777	184(2)	179.0667	144.7789
1065	23.3975	186(2)	192.1132	144.7374
1066	23.4178	202(2)	212.6292	144.6949
1067	23.4376	234(3)	238.4005	144.6535
1068	23.4575	264(3)	264.6984	144.6118
1069	23.4776	278(3)	283.9805	144.5697
1070	23.4976	285(3)	288.0684	144.5278
1071	23.5176	273(3)	275.4416	144.4859
1072	23.5376	256(3)	252.0501	144.4440
1073	23.5576	234(3)	226.8995	144.4021
1074	23.5777	216(3)	206.3865	144.3600
1075	23.5978	203(2)	192.4426	144.3179
1076	23.6176	193(2)	183.1752	144.2764
1077	23.6377	185(2)	175.6081	144.2343
1078	23.6575	171(2)	168.9381	144.2018
1079	23.6776	164(2)	163.3155	144.2056
1080	23.6976	154(2)	159.5565	144.2095
1081	23.7177	153(2)	157.8597	144.2134
1082	23.7376	154(2)	158.3651	144.2172
1083	23.7575	155(2)	160.6803	144.2211
1084	23.7777	158(2)	164.3422	144.2250
1085	23.7977	166(2)	168.4875	144.2288
1086	23.8177	162(2)	172.2300	144.2327
1087	23.8376	164(2)	174.7737	144.2365
1088	23.8574	164(2)	175.6728	144.2404

1089	23.8775	161(2)	174.7229	144.2442
1090	23.8975	160(2)	171.9565	144.2481
1091	23.9174	158(2)	167.9511	144.2520
1092	23.9376	156(2)	164.1228	144.2558
1093	23.9575	154(2)	161.9288	144.2597
1094	23.9776	162(2)	162.5306	144.2636
1095	23.9976	167(2)	166.0941	144.2674
1096	24.0174	174(2)	171.2125	144.2713
1097	24.0374	185(2)	176.4358	144.2751
1098	24.0575	184(2)	178.9591	144.2790
1099	24.0775	186(2)	177.4269	144.2829
1100	24.0974	181(2)	173.0055	144.2867
1101	24.1175	172(2)	168.2226	144.2906
1102	24.1373	165(2)	165.7682	144.2944
1103	24.1574	166(2)	166.8300	144.2983
1104	24.1776	171(2)	173.0112	144.3022
1105	24.1976	182(2)	183.3859	144.3061
1106	24.2176	197(2)	196.5898	144.3099
1107	24.2376	212(3)	210.0110	144.3138
1108	24.2576	218(3)	219.9620	144.3176
1109	24.2776	224(3)	223.5089	144.3215
1110	24.2976	219(3)	221.6422	144.3254
1111	24.3176	214(3)	219.3969	144.3292
1112	24.3376	221(3)	222.5783	144.3331
1113	24.3575	222(3)	235.2412	144.3369
1114	24.3774	247(3)	258.2314	144.3408
1115	24.3974	270(3)	288.1890	144.3446
1116	24.4176	296(3)	318.1443	144.3485
1117	24.4376	317(3)	337.8227	144.3524
1118	24.4578	318(3)	337.8669	144.3563
1119	24.4775	295(3)	316.2860	144.3615
1120	24.4975	266(3)	280.8237	144.3680
1121	24.5175	230(3)	244.1381	144.3744
1122	24.5375	200(2)	215.5063	144.3809
1123	24.5575	187(2)	199.4483	144.3873
1124	24.5774	180(2)	196.2269	144.3938
1125	24.5974	180(2)	203.0735	144.4002
1126	24.6175	192(2)	214.8635	144.4067
1127	24.6376	202(2)	225.2140	144.4132
1128	24.6578	206(2)	227.9852	144.4197
1129	24.6778	204(2)	220.4881	144.4261
1130	24.6977	201(2)	205.7196	144.4326
1131	24.7176	195(2)	189.1402	144.4390
1132	24.7376	182(2)	175.1788	144.4454
1133	24.7576	182(2)	166.1436	144.4519
1134	24.7776	182(2)	162.2694	144.4583
1135	24.7977	193(2)	162.6591	144.4648
1136	24.8178	202(2)	165.9685	144.4713
1137	24.8378	211(3)	170.5763	144.4778
1138	24.8578	209(2)	174.8840	144.4842
1139	24.8776	199(2)	177.7772	144.4906
1140	24.8977	194(2)	179.6841	144.4971
1141	24.9177	187(2)	182.5195	144.5036
1142	24.9376	200(2)	188.7897	144.5100

1143	24.9577	212(3)	200.0494	144.5165
1144	24.9777	235(3)	215.4867	144.5229
1145	24.9977	251(3)	231.9072	144.5294
1146	25.0177	264(3)	243.8110	144.5358
1147	25.0376	271(3)	245.7630	144.5422
1148	25.0576	256(3)	236.6061	144.5487
1149	25.0775	238(3)	220.4558	144.5551
1150	25.0976	214(3)	202.3295	144.5616
1151	25.1176	189(2)	186.3246	144.5681
1152	25.1378	176(2)	174.4071	144.5746
1153	25.1578	167(2)	167.6351	144.5810
1154	25.1779	164(2)	165.9182	144.5875
1155	25.1979	169(2)	169.0627	144.5940
1156	25.2176	170(2)	176.7228	144.6003
1157	25.2377	187(2)	189.1051	144.6068
1158	25.2576	203(2)	205.7508	144.6132
1159	25.2776	222(3)	226.3984	144.6197
1160	25.2976	248(3)	249.8027	144.6261
1161	25.3176	271(3)	273.6703	144.5551
1162	25.3376	298(3)	293.5437	144.3677
1163	25.3576	327(3)	303.5974	144.1804
1164	25.3775	340(3)	301.4218	143.9940
1165	25.3976	334(3)	291.3571	143.8057
1166	25.4176	329(3)	281.9730	143.6184
1167	25.4377	327(3)	280.4937	143.4301
1168	25.4576	322(3)	289.4524	143.2438
1169	25.4775	324(3)	305.1241	143.0573
1170	25.4976	334(3)	319.1784	142.8691
1171	25.5176	324(3)	322.2219	142.6817
1172	25.5378	307(3)	308.3254	142.4926
1173	25.5578	276(3)	280.7802	142.3052
1174	25.5778	237(3)	248.6831	142.1179
1175	25.5978	208(2)	220.4027	141.9305
1176	25.6178	182(2)	199.9231	141.7432
1177	25.6378	176(2)	187.0159	141.5559
1178	25.6576	164(2)	179.2201	141.3704
1179	25.6776	162(2)	173.8386	141.1831
1180	25.6976	160(2)	169.0406	140.9957
1181	25.7176	157(2)	164.0044	140.8084
1182	25.7376	154(2)	158.8105	140.6211
1183	25.7576	150(2)	153.9755	140.4338
1184	25.7776	147(2)	150.0171	140.2464
1185	25.7976	146(2)	147.1168	140.0591
1186	25.8177	141(2)	145.1590	139.8708
1187	25.8376	139(2)	143.9165	139.6844
1188	25.8575	140(2)	143.1434	139.4980
1189	25.8774	136(2)	142.6539	139.3116
1190	25.8974	137(2)	142.3320	139.1243
1191	25.9174	134(2)	142.1156	138.9370
1192	25.9374	134(2)	141.9177	138.7496
1193	25.9575	135(2)	141.7409	138.6073
1194	25.9776	135(2)	141.5906	138.5528
1195	25.9975	138(2)	141.4132	138.4988
1196	26.0175	134(2)	141.2945	138.4446

1197	26.0375	133.6(20)	141.3423	138.3903
1198	26.0575	138(2)	141.6595	138.3361
1199	26.0776	138(2)	142.3113	138.2816
1200	26.0976	137(2)	143.2181	138.2273
1201	26.1175	140(2)	144.2309	138.1733
1202	26.1373	142(2)	145.0719	138.1196
1203	26.1571	146(2)	145.6232	138.0659
1204	26.1774	147(2)	145.9190	138.0109
1205	26.1974	144(2)	146.5283	137.9566
1206	26.2174	146(2)	148.1987	137.9024
1207	26.2374	150(2)	151.6760	137.8482
1208	26.2574	155(2)	157.5392	137.7939
1209	26.2774	166(2)	165.9265	137.7397
1210	26.2974	180(2)	176.2245	137.6854
1211	26.3174	190(2)	186.5861	137.6312
1212	26.3374	202(2)	194.0972	137.5770
1213	26.3574	192(2)	195.9619	137.5227
1214	26.3774	187(2)	191.5005	137.4685
1215	26.3975	180(2)	182.6080	137.4139
1216	26.4176	168(2)	172.8654	137.3594
1217	26.4378	163(2)	164.9004	137.3046
1218	26.4578	162(2)	159.9534	137.2504
1219	26.4778	166(2)	157.4916	137.1962
1220	26.4977	167(2)	156.0680	137.1422
1221	26.5177	166(2)	154.2653	137.0879
1222	26.5377	166(2)	151.9185	137.0337
1223	26.5576	163(2)	149.6842	136.9797
1224	26.5775	161(2)	148.0961	136.9258
1225	26.5975	169(2)	148.0948	136.8715
1226	26.6176	177(2)	149.9651	136.8170
1227	26.6376	185(2)	153.5159	136.7628
1228	26.6576	186(2)	157.7047	136.7085
1229	26.6775	183(2)	160.9557	136.6545
1230	26.6974	175(2)	161.7967	136.6006
1231	26.7174	166(2)	159.8634	136.5463
1232	26.7374	160(2)	156.1596	136.4921
1233	26.7573	154(2)	152.1607	136.4381
1234	26.7774	147(2)	148.8026	136.3836
1235	26.7974	148(2)	146.5458	136.3293
1236	26.8175	146(2)	145.4403	136.2748
1237	26.8375	143(2)	145.4734	136.2206
1238	26.8576	138(2)	146.4896	136.1661
1239	26.8776	142(2)	148.1999	136.1118
1240	26.8976	143(2)	150.1844	136.1392
1241	26.9178	140(2)	151.9452	136.2676
1242	26.9378	143(2)	153.2300	136.3948
1243	26.9578	143(2)	154.6973	136.5219
1244	26.9779	144(2)	157.2703	136.6497
1245	26.9979	147(2)	161.4246	136.7769
1246	27.0178	153(2)	166.9795	136.9034
1247	27.0379	159(2)	172.8568	137.0312
1248	27.0578	167(2)	178.3254	137.1577
1249	27.0775	173(2)	184.1038	137.2830
1250	27.0976	181(2)	192.0399	137.4108

1251	27.1176	199(2)	204.8566	137.5379
1252	27.1378	223(3)	225.5718	137.6663
1253	27.1578	247(3)	253.8675	137.7935
1254	27.1778	275(3)	286.4525	137.9207
1255	27.1976	306(3)	314.7119	138.0465
1256	27.2176	318(3)	328.3771	138.1737
1257	27.2375	316(3)	321.2289	138.3002
1258	27.2574	290(3)	296.7173	138.4267
1259	27.2774	258(3)	262.9185	138.5539
1260	27.2974	227(3)	228.2211	138.6810
1261	27.3175	198(2)	198.9844	138.8088
1262	27.3375	181(2)	178.4974	138.9360
1263	27.3576	169(2)	166.5542	139.0638
1264	27.3776	165(2)	161.8677	139.1909
1265	27.3976	165(2)	163.0156	139.3181
1266	27.4176	178(2)	169.7860	139.4452
1267	27.4376	182(2)	182.8307	139.5724
1268	27.4575	197(2)	203.1135	139.6989
1269	27.4777	217(3)	231.3391	139.8273
1270	27.4975	250(3)	264.2897	139.9532
1271	27.5176	279(3)	297.2499	140.0810
1272	27.5375	301(3)	321.0916	140.2075
1273	27.5577	316(3)	328.7086	140.3360
1274	27.5778	304(3)	318.6174	140.4637
1275	27.5977	291(3)	300.6818	140.5903
1276	27.6177	284(3)	288.9442	140.7174
1277	27.6375	297(3)	291.9835	140.8433
1278	27.6576	320(3)	307.0200	140.9711
1279	27.6776	340(3)	320.6101	141.0982
1280	27.6976	342(3)	318.0254	141.2254
1281	27.7177	322(3)	293.5999	141.3532
1282	27.7375	267(3)	255.6098	141.4791
1283	27.7576	230(3)	217.4804	141.6069
1284	27.7776	193(2)	191.4413	141.7340
1285	27.7977	182(2)	180.8829	141.8618
1286	27.8177	191(2)	183.2013	141.9890
1287	27.8376	201(2)	192.7460	142.1155
1288	27.8574	210(3)	203.6085	142.2414
1289	27.8775	219(3)	210.8557	142.3688
1290	27.8975	224(3)	211.9407	142.4946
1291	27.9175	215(3)	208.3845	142.6204
1292	27.9376	215(3)	204.5870	142.7468
1293	27.9575	218(3)	205.5075	142.8720
1294	27.9776	225(3)	215.2469	142.9984
1295	27.9975	249(3)	237.0053	143.1236
1296	28.0175	283(3)	274.3884	143.2494
1297	28.0374	335(3)	328.8205	143.3746
1298	28.0575	401(3)	398.1191	143.5010
1299	28.0774	480(4)	471.0008	143.6262
1300	28.0974	546(4)	535.6034	143.7520
1301	28.1175	586(4)	583.1439	143.8784
1302	28.1373	620(4)	612.0482	144.0029
1303	28.1575	640(4)	627.6114	144.1300
1304	28.1775	656(4)	632.0930	144.2558

1305	28.1976	656(4)	620.3792	144.3822
1306	28.2176	617(4)	584.0009	144.5080
1307	28.2377	558(4)	522.3578	144.6344
1308	28.2576	474(4)	447.7215	144.7596
1309	28.2776	388(3)	374.5251	144.8854
1310	28.2976	315(3)	313.9766	145.0112
1311	28.3176	273(3)	269.4297	145.1370
1312	28.3376	238(3)	238.4705	145.2628
1313	28.3574	227(3)	218.0076	145.3873
1314	28.3774	212(3)	205.2855	145.5131
1315	28.3974	204(2)	198.5974	145.6389
1316	28.4175	204(2)	195.4147	145.7653
1317	28.4377	203(2)	192.9264	145.8924
1318	28.4577	199(2)	190.3459	146.0182
1319	28.4775	198(2)	189.9232	146.1427
1320	28.4975	199(2)	196.1039	146.2685
1321	28.5175	210(3)	214.0559	146.3943
1322	28.5375	236(3)	247.4285	146.5201
1323	28.5575	287(3)	294.9943	146.6459
1324	28.5774	335(3)	347.4110	146.7711
1325	28.5975	377(3)	389.2826	146.8975
1326	28.6176	393(3)	404.1978	147.0239
1327	28.6376	372(3)	385.7338	147.1497
1328	28.6578	334(3)	342.1827	147.2768
1329	28.6778	289(3)	293.1958	147.4060
1330	28.6977	252(3)	257.1987	147.5394
1331	28.7176	238(3)	244.2949	147.6729
1332	28.7376	245(3)	254.4856	147.8070
1333	28.7575	266(3)	278.8713	147.9404
1334	28.7776	288(3)	303.7174	148.0752
1335	28.7978	297(3)	314.3235	148.2107
1336	28.8178	283(3)	303.6910	148.3448
1337	28.8378	262(3)	277.0312	148.4789
1338	28.8578	227(3)	245.6012	148.6130
1339	28.8776	214(3)	218.8705	148.7458
1340	28.8976	190(2)	199.6270	148.8799
1341	28.9178	181(2)	186.6834	149.0154
1342	28.9376	180(2)	177.8705	149.1481
1343	28.9578	170(2)	171.4959	149.2836
1344	28.9778	163(2)	167.3766	149.4177
1345	28.9976	161(2)	165.6058	149.5505
1346	29.0177	157(2)	165.9247	149.6853
1347	29.0376	160(2)	168.4211	149.8187
1348	29.0577	169(2)	172.8200	149.9535
1349	29.0775	170(2)	178.8287	150.0863
1350	29.0976	175(2)	186.3388	150.2210
1351	29.1177	187(2)	193.9408	150.3558
1352	29.1378	201(2)	201.6615	150.4906
1353	29.1579	215(3)	209.7427	150.6254
1354	29.1779	223(3)	217.9202	150.7595
1355	29.1979	241(3)	226.3052	150.8936
1356	29.2177	251(3)	233.2566	151.0264
1357	29.2376	256(3)	235.8793	151.1598
1358	29.2578	247(3)	230.8791	151.2953

1359	29.2776	235(3)	219.6539	151.4281
1360	29.2977	220(3)	206.1077	151.5629
1361	29.3176	200(2)	194.7567	151.6963
1362	29.3376	192(2)	189.3252	151.8304
1363	29.3576	196(2)	192.1075	151.9645
1364	29.3775	206(2)	202.9884	152.0980
1365	29.3977	224(3)	219.5668	152.2334
1366	29.4178	234(3)	236.5945	152.3682
1367	29.4376	250(3)	248.3172	152.5010
1368	29.4576	253(3)	250.9100	152.6351
1369	29.4776	243(3)	243.0102	152.7692
1370	29.4976	220(3)	227.2606	152.9033
1371	29.5177	208(3)	208.5322	153.0381
1372	29.5377	190(2)	191.4273	153.1722
1373	29.5578	178(2)	178.1900	153.3070
1374	29.5778	165(2)	169.5372	153.4411
1375	29.5978	165(2)	164.6399	153.5752
1376	29.6178	164(2)	162.2881	153.7094
1377	29.6378	164(2)	161.4048	153.8435
1378	29.6577	160(2)	161.2720	153.9769
1379	29.6775	165(2)	161.4621	154.1097
1380	29.6976	163(2)	161.9953	154.3324
1381	29.7176	165(2)	162.7726	154.6129
1382	29.7376	162(2)	163.8728	154.8935
1383	29.7576	168(2)	165.6195	155.1741
1384	29.7776	170(2)	168.7838	155.4547
1385	29.7976	188(2)	174.6958	155.7353
1386	29.8178	205(2)	185.1927	156.0187
1387	29.8376	224(3)	201.3837	156.2965
1388	29.8575	253(3)	223.7919	156.5757
1389	29.8774	276(3)	250.7179	156.8549
1390	29.8975	304(3)	279.3947	157.1369
1391	29.9174	330(3)	306.9412	157.4161
1392	29.9374	342(3)	333.6537	157.6967
1393	29.9575	369(3)	362.8849	157.9786
1394	29.9776	393(3)	395.0558	158.2606
1395	29.9976	420(4)	424.7265	158.5412
1396	30.0175	432(4)	444.4384	158.8204
1397	30.0375	444(4)	452.8969	159.1010
1398	30.0575	437(4)	457.3041	159.3816
1399	30.0776	450(4)	469.4133	159.6636
1400	30.0976	484(4)	499.4006	159.9442
1401	30.1175	528(4)	550.2358	160.2234
1402	30.1373	606(4)	615.7149	160.5012
1403	30.1572	664(4)	682.6344	160.7803
1404	30.1774	716(5)	733.7780	161.0638
1405	30.1974	731(5)	757.2441	161.3443
1406	30.2174	740(5)	757.9175	161.6249
1407	30.2374	728(5)	743.8900	161.9055
1408	30.2574	704(5)	713.0038	162.1861
1409	30.2774	642(4)	654.6710	162.4667
1410	30.2974	568(4)	566.6045	162.7473
1411	30.3174	459(4)	463.9221	163.0279
1412	30.3374	367(3)	367.6376	163.3085



1413	30.3573	289(3)	292.2314	163.5877
1414	30.3774	240(3)	241.1077	163.8697
1415	30.3975	214(3)	211.3931	164.1517
1416	30.4176	194(2)	196.1436	164.4337
1417	30.4378	189(2)	189.1098	164.7171
1418	30.4578	186(2)	186.3910	164.9976
1419	30.4778	183(2)	185.8047	165.2782
1420	30.4978	187(2)	186.2651	165.5588
1421	30.5176	188(2)	187.0471	165.8366
1422	30.5378	184(2)	187.5393	166.1200
1423	30.5576	184(2)	187.4844	166.3978
1424	30.5775	184(2)	186.7504	166.6770
1425	30.5975	183(2)	185.5192	166.9576
1426	30.6176	183(2)	184.3273	167.2396
1427	30.6376	184(2)	183.9600	167.5201
1428	30.6576	180(2)	185.1519	167.8008
1429	30.6775	186(2)	188.4474	168.0799
1430	30.6975	194(2)	193.9849	168.3605
1431	30.7174	201(2)	201.2327	168.5447
1432	30.7374	213(3)	209.5830	168.7122
1433	30.7574	219(3)	219.0401	168.8797
1434	30.7773	242(3)	232.7372	169.0464
1435	30.7974	276(3)	259.3988	169.2147
1436	30.8175	326(3)	312.3809	169.3830
1437	30.8375	417(4)	402.8856	169.5505
1438	30.8576	542(4)	530.2841	169.7189
1439	30.8776	685(5)	669.5410	169.8864
1440	30.8976	802(5)	779.0636	170.0538
1441	30.9178	842(5)	821.0744	170.2230
1442	30.9378	815(5)	786.8055	170.3905
1443	30.9578	724(5)	705.5377	170.5580
1444	30.9779	626(4)	617.7340	170.7264
1445	30.9978	544(4)	549.4151	170.8930
1446	31.0178	494(4)	497.2646	171.0605
1447	31.0379	448(4)	447.9322	171.2289
1448	31.0577	392(3)	396.1703	171.3947
1449	31.0776	353(3)	344.1032	171.5613
1450	31.0976	307(3)	298.1065	171.7288
1451	31.1176	272(3)	264.0380	171.8963
1452	31.1377	251(3)	244.7010	172.0647
1453	31.1578	253(3)	240.3789	172.2330
1454	31.1777	255(3)	248.5489	172.3996
1455	31.1976	272(3)	264.4196	172.5663
1456	31.2177	284(3)	281.6200	172.7346
1457	31.2375	295(3)	292.0359	172.9005
1458	31.2574	294(3)	290.3322	173.0671
1459	31.2774	285(3)	276.7826	173.2346
1460	31.2974	272(3)	259.1828	173.4021
1461	31.3175	263(3)	245.0853	173.5705
1462	31.3375	253(3)	240.1138	173.7379
1463	31.3575	262(3)	245.3779	173.9054
1464	31.3776	275(3)	258.2799	174.0738
1465	31.3976	292(3)	273.6626	174.2413
1466	31.4177	305(3)	286.8711	174.4096

1467	31.4375	315(3)	298.1161	174.5754
1468	31.4575	341(3)	318.9061	174.7429
1469	31.4776	398(3)	370.9985	174.9113
1470	31.4976	508(4)	474.6610	175.0788
1471	31.5176	664(4)	632.4304	175.2463
1472	31.5375	861(5)	812.6854	175.4129
1473	31.5576	1006(6)	956.6786	175.5813
1474	31.5777	1060(6)	998.9657	175.7496
1475	31.5976	969(5)	917.4746	175.8217
1476	31.6178	794(5)	743.9083	175.6728
1477	31.6375	592(4)	552.3555	175.5275
1478	31.6575	432(4)	392.5389	175.3801
1479	31.6776	331(3)	290.5521	175.2319
1480	31.6976	277(3)	241.3271	175.0844
1481	31.7176	255(3)	226.4558	174.9369
1482	31.7376	258(3)	231.8281	174.7894
1483	31.7576	267(3)	250.9252	174.6420
1484	31.7776	298(3)	283.2388	174.4945
1485	31.7978	342(3)	330.1036	174.3456
1486	31.8178	408(4)	387.2489	174.1981
1487	31.8375	467(4)	443.5665	174.0528
1488	31.8575	516(4)	483.6902	173.9053
1489	31.8775	521(4)	490.8558	173.7579
1490	31.8974	486(4)	463.1769	173.6111
1491	31.9175	430(4)	414.4689	173.4629
1492	31.9376	368(3)	365.0717	173.3147
1493	31.9576	329(3)	330.3706	173.1672
1494	31.9776	314(3)	315.2379	173.0198
1495	31.9976	312(3)	315.2269	172.8723
1496	32.0174	316(3)	319.9813	172.7263
1497	32.0374	305(3)	318.6214	172.5788
1498	32.0575	298(3)	305.7363	172.4306
1499	32.0774	278(3)	284.3049	172.2839
1500	32.0975	251(3)	260.1741	172.1357
1501	32.1175	236(3)	239.0307	171.9882
1502	32.1373	216(3)	223.6956	171.8422
1503	32.1575	207(3)	215.5455	171.6932
1504	32.1775	206(3)	214.4331	171.5457
1505	32.1976	208(3)	218.5829	171.3975
1506	32.2177	211(3)	226.1851	171.2493
1507	32.2377	219(3)	234.9732	171.1019
1508	32.2576	230(3)	243.3127	170.9551
1509	32.2776	240(3)	251.0429	170.8076
1510	32.2976	243(3)	258.0342	170.6602
1511	32.3176	250(3)	263.3245	170.5127
1512	32.3376	250(3)	265.3595	170.3652
1513	32.3575	252(3)	263.6601	170.2185
1514	32.3774	242(3)	258.4450	170.0718
1515	32.3975	231(3)	249.4176	169.9236
1516	32.4175	219(3)	236.9656	169.7761
1517	32.4377	208(3)	222.8289	169.6271
1518	32.4577	201(2)	210.3688	169.4797
1519	32.4775	190(2)	201.8455	169.3471
1520	32.4975	190(2)	197.7896	169.2242

1521	32.5175	192(2)	197.4070	169.1014
1522	32.5375	197(2)	199.0210	168.9786
1523	32.5575	202(2)	200.9509	168.8557
1524	32.5774	199(2)	203.0581	168.7335
1525	32.5975	215(3)	206.9791	168.6101
1526	32.6176	224(3)	215.9288	168.4866
1527	32.6376	246(3)	233.4643	168.3638
1528	32.6577	286(3)	262.4187	168.2403
1529	32.6778	328(3)	302.1238	168.1169
1530	32.6977	376(3)	346.8028	167.9947
1531	32.7176	415(4)	387.4533	167.8725
1532	32.7376	432(4)	413.8455	167.7496
1533	32.7576	434(4)	419.2383	167.6268
1534	32.7776	398(3)	403.4911	167.5040
1535	32.7977	354(3)	371.6526	167.3805
1536	32.8179	311(3)	332.5977	167.2564
1537	32.8377	281(3)	295.4169	167.1348
1538	32.8577	247(3)	262.5948	167.0120
1539	32.8776	222(3)	235.8825	166.8898
1540	32.8976	213(3)	214.8343	166.7670
1541	32.9177	193(2)	200.1394	166.6435
1542	32.9377	187(2)	191.2780	166.5207
1543	32.9577	186(2)	186.6402	166.3979
1544	32.9777	187(2)	184.7827	166.2750
1545	32.9977	178(2)	184.5152	166.1522
1546	33.0176	181(2)	184.0053	166.0300
1547	33.0377	184(2)	183.1545	165.9065
1548	33.0576	183(2)	182.0731	165.7843
1549	33.0775	178(2)	181.3478	165.8790
1550	33.0976	183(2)	181.2833	165.9992
1551	33.1176	184(2)	182.4864	166.1188
1552	33.1378	186(2)	185.9106	166.2396
1553	33.1578	192(2)	193.1891	166.3591
1554	33.1779	201(2)	205.9666	166.4793
1555	33.1978	217(3)	225.2608	166.5983
1556	33.2178	238(3)	251.3141	166.7179
1557	33.2376	267(3)	281.5216	166.8363
1558	33.2577	288(3)	311.7225	166.9565
1559	33.2776	309(3)	333.8095	167.0754
1560	33.2976	323(3)	340.9124	167.1950
1561	33.3176	320(3)	331.2530	167.3146
1562	33.3376	312(3)	310.5852	167.4342
1563	33.3576	291(3)	286.8808	167.5538
1564	33.3776	275(3)	266.1019	167.6734
1565	33.3977	266(3)	250.7732	167.7935
1566	33.4177	252(3)	240.3176	167.9131
1567	33.4376	238(3)	231.9486	168.0321
1568	33.4576	230(3)	223.2784	168.1517
1569	33.4776	221(3)	214.1185	168.2712
1570	33.4976	210(3)	205.4261	168.3908
1571	33.5177	203(2)	198.2396	168.5110
1572	33.5376	200(2)	192.9087	168.6300
1573	33.5577	196(2)	189.0840	168.7502
1574	33.5778	190(2)	186.4175	168.8703

1575	33.5978	189(2)	184.8007	168.9899
1576	33.6178	186(2)	184.4629	169.1095
1577	33.6378	184(2)	185.7251	169.2291
1578	33.6576	187(2)	188.5599	169.3475
1579	33.6775	187(2)	192.4902	169.4665
1580	33.6976	190(2)	196.5113	169.5867
1581	33.7176	195(2)	199.5557	169.7062
1582	33.7376	194(2)	200.9907	169.8258
1583	33.7576	202(2)	201.1113	169.9454
1584	33.7776	203(2)	201.0994	170.0650
1585	33.7976	207(2)	202.6136	170.1845
1586	33.8178	215(2)	207.3706	170.3053
1587	33.8376	225(2)	216.1333	170.4237
1588	33.8574	242(2)	229.0619	170.5421
1589	33.8774	264(3)	246.0030	170.6617
1590	33.8975	288(3)	266.6138	170.7818
1591	33.9174	314(3)	292.3237	170.9008
1592	33.9374	340(3)	326.4023	170.9312
1593	33.9575	382(3)	372.3986	170.9505
1594	33.9776	426(3)	431.0236	170.9699
1595	33.9976	484(3)	498.0488	170.9892
1596	34.0175	547(4)	564.9703	171.0083
1597	34.0375	594(4)	623.9340	171.0276
1598	34.0576	632(4)	669.4415	171.0470
1599	34.0776	662(4)	695.3794	171.0663
1600	34.0976	653(4)	693.4551	171.0855
1601	34.1175	626(4)	656.5769	171.1047
1602	34.1373	569(4)	588.2629	171.1238
1603	34.1573	486(3)	502.8176	171.1431
1604	34.1773	416(3)	418.2434	171.1624
1605	34.1974	338(3)	345.9056	171.1817
1606	34.2174	290(3)	291.9254	171.2010
1607	34.2374	260(3)	256.3392	171.2203
1608	34.2574	243(2)	236.2044	171.2395
1609	34.2774	230(2)	227.1149	171.2588
1610	34.2974	223(2)	224.5598	171.2781
1611	34.3174	217(2)	224.7257	171.2974
1612	34.3374	224(2)	225.1546	171.3166
1613	34.3573	215(2)	225.1700	171.3358
1614	34.3773	218(2)	225.3309	171.3551
1615	34.3975	219(2)	226.4733	171.3746
1616	34.4176	218(2)	228.9178	171.3939
1617	34.4378	224(2)	231.9252	171.4134
1618	34.4578	225(2)	234.1143	171.4327
1619	34.4778	227(2)	233.3710	171.4520
1620	34.4978	218(2)	228.4498	171.4712
1621	34.5176	213(2)	219.6638	171.4903
1622	34.5378	209(2)	208.7120	171.5098
1623	34.5576	204(2)	198.5420	171.5289
1624	34.5775	196(2)	190.4941	171.5480
1625	34.5975	189(2)	185.2668	171.5673
1626	34.6178	186(2)	182.6649	171.5869
1627	34.6376	184(2)	182.3034	171.6059
1628	34.6576	185(2)	184.0605	171.6252

1629	34.6776	188(2)	188.0724	171.6445
1630	34.6975	193(2)	194.7954	171.6637
1631	34.7174	209(2)	204.0117	171.6828
1632	34.7374	222(2)	214.8284	171.7021
1633	34.7573	230(2)	225.1660	171.7213
1634	34.7774	234(2)	232.7899	171.7407
1635	34.7975	236(2)	236.1699	171.7600
1636	34.8175	238(2)	235.1127	171.7793
1637	34.8376	230(2)	230.5745	171.7987
1638	34.8576	217(2)	224.1358	171.8150
1639	34.8776	218(2)	217.9106	171.7754
1640	34.8976	206(2)	214.2249	171.7357
1641	34.9178	207(2)	214.6412	171.6956
1642	34.9378	215(2)	219.3779	171.6560
1643	34.9578	227(2)	227.2171	171.6163
1644	34.9778	238(2)	235.9874	171.5767
1645	34.9979	249(2)	243.1462	171.5368
1646	35.0179	256(2)	247.2119	171.4971
1647	35.0379	259(3)	249.1901	171.4575
1648	35.0578	259(3)	251.6442	171.4180
1649	35.0776	262(3)	256.1222	171.3788
1650	35.0976	268(3)	261.9346	171.3391
1651	35.1177	264(3)	265.7952	171.2992
1652	35.1378	264(3)	263.6351	171.2594
1653	35.1578	254(2)	254.2119	171.2197
1654	35.1778	232(2)	239.6731	171.1801
1655	35.1977	220(2)	224.1761	171.1406
1656	35.2176	206(2)	210.3311	171.1011
1657	35.2376	195(2)	199.8065	171.0615
1658	35.2574	185(2)	192.9577	171.0222
1659	35.2774	184(2)	189.5950	170.9825
1660	35.2975	180(2)	188.5638	170.9427
1661	35.3175	181(2)	189.2730	170.9030
1662	35.3375	187(2)	191.3997	170.8634
1663	35.3575	193(2)	194.6740	170.8237
1664	35.3776	193(2)	198.5453	170.7838
1665	35.3976	203(2)	201.9297	170.7442
1666	35.4177	204(2)	203.9333	170.7043
1667	35.4375	204(2)	204.0353	170.6651
1668	35.4576	201(2)	202.5442	170.6252
1669	35.4776	201(2)	200.3049	170.5855
1670	35.4976	196(2)	198.2150	170.5459
1671	35.5177	194(2)	196.9544	170.5060
1672	35.5375	198(2)	197.4258	170.4668
1673	35.5576	199(2)	201.3126	170.4269
1674	35.5778	220(2)	211.2838	170.3868
1675	35.5978	233(2)	229.7254	170.3472
1676	35.6177	256(2)	257.5529	170.3077
1677	35.6376	293(3)	292.8943	170.4609
1678	35.6576	327(3)	329.6252	170.6781
1679	35.6776	353(3)	357.9261	170.8952
1680	35.6976	365(3)	368.4264	171.1124
1681	35.7177	362(3)	358.6698	171.3307
1682	35.7375	338(3)	336.1788	171.5457

1683	35.7577	314(3)	310.4878	171.7650
1684	35.7776	297(3)	289.5080	171.9811
1685	35.7978	282(3)	274.2968	172.2005
1686	35.8177	270(3)	263.0631	172.4165
1687	35.8375	265(3)	253.3713	172.6316
1688	35.8575	256(2)	245.8496	172.8488
1689	35.8775	249(2)	243.5197	173.0659
1690	35.8975	251(2)	249.6895	173.2831
1691	35.9175	260(3)	266.7082	173.5003
1692	35.9376	279(3)	294.1816	173.7185
1693	35.9576	305(3)	327.3049	173.9357
1694	35.9776	334(3)	357.2862	174.1529
1695	35.9976	351(3)	373.9003	174.3701
1696	36.0175	352(3)	370.5416	174.5862
1697	36.0374	332(3)	347.2057	174.8022
1698	36.0575	306(3)	310.6038	175.0205
1699	36.0774	261(3)	271.9365	175.2366
1700	36.0975	233(2)	238.6237	175.4548
1701	36.1174	208(2)	215.0009	175.6709
1702	36.1374	193(2)	200.7171	175.8881
1703	36.1575	190(2)	192.6569	176.1064
1704	36.1775	182(2)	188.8471	176.3236
1705	36.1976	179(2)	187.2461	176.5418
1706	36.2176	178(2)	186.8585	176.7590
1707	36.2377	180(2)	186.8800	176.8872
1708	36.2576	181(2)	187.0386	177.0142
1709	36.2776	181(2)	187.0108	177.1418
1710	36.2976	184(2)	186.7876	177.2694
1711	36.3176	186(2)	186.4822	177.3970
1712	36.3376	183(2)	186.3474	177.5246
1713	36.3575	189(2)	186.6964	177.6515
1714	36.3774	191(2)	187.9271	177.7785
1715	36.3974	190(2)	190.4954	177.9061
1716	36.4175	198(2)	194.8626	178.0343
1717	36.4378	208(2)	201.4238	178.1638
1718	36.4577	214(2)	209.8590	178.2908
1719	36.4776	228(2)	219.5942	178.4177
1720	36.4975	234(2)	229.4336	178.5447
1721	36.5175	250(2)	237.9083	178.6723
1722	36.5375	256(3)	244.3210	178.7999
1723	36.5575	259(3)	251.1242	178.9275
1724	36.5775	273(3)	264.7958	179.0551
1725	36.5974	297(3)	294.3942	179.1820
1726	36.6176	344(3)	347.4766	179.3109
1727	36.6377	422(3)	420.5582	179.4391
1728	36.6578	509(4)	497.3992	179.5674
1729	36.6778	576(4)	551.8339	179.6949
1730	36.6977	595(4)	562.2247	179.8219
1731	36.7176	553(4)	524.6796	179.9489
1732	36.7376	478(3)	455.4916	180.0765
1733	36.7576	396(3)	381.8304	180.2041
1734	36.7776	341(3)	326.3499	180.3316
1735	36.7977	316(3)	298.3386	180.4599
1736	36.8178	317(3)	295.4539	180.5881

1737	36.8378	330(3)	308.9592	180.7157
1738	36.8578	356(3)	330.3083	180.8433
1739	36.8777	385(3)	354.9055	180.9703
1740	36.8976	416(3)	382.6063	181.0972
1741	36.9177	456(3)	415.8361	181.2255
1742	36.9376	496(3)	456.3348	181.3524
1743	36.9578	553(4)	507.4794	181.4813
1744	36.9777	625(4)	567.4784	181.6082
1745	36.9978	683(4)	628.4071	181.7365
1746	37.0176	734(4)	669.2693	181.8628
1747	37.0377	730(4)	669.7090	181.9910
1748	37.0576	681(4)	623.1121	182.1180
1749	37.0775	605(4)	546.1163	182.2449
1750	37.0976	529(4)	466.0696	182.3732
1751	37.1177	455(3)	409.5340	182.5014
1752	37.1377	425(3)	391.4030	182.6290
1753	37.1578	443(3)	414.2504	182.7572
1754	37.1779	490(3)	471.7070	182.8855
1755	37.1978	558(4)	550.0109	183.0124
1756	37.2178	642(4)	633.9420	183.1400
1757	37.2376	707(4)	707.3156	183.2664
1758	37.2577	750(4)	759.1961	183.3946
1759	37.2776	763(4)	775.8588	183.5215
1760	37.2976	737(4)	747.5282	183.6144
1761	37.3177	666(4)	675.3644	183.5096
1762	37.3376	573(4)	579.2582	183.4058
1763	37.3577	478(3)	480.5438	183.3010
1764	37.3776	406(3)	397.1929	183.1973
1765	37.3976	339(3)	334.5818	183.0930
1766	37.4177	300(3)	292.9921	182.9882
1767	37.4377	285(3)	270.0208	182.8839
1768	37.4576	270(3)	263.3542	182.7802
1769	37.4776	279(3)	272.3577	182.6759
1770	37.4976	297(3)	296.6026	182.5716
1771	37.5177	354(3)	333.0085	182.4668
1772	37.5377	395(3)	372.9965	182.3625
1773	37.5578	434(3)	404.2153	182.2577
1774	37.5778	440(3)	413.7054	182.1534
1775	37.5978	416(3)	396.8419	182.0492
1776	37.6178	376(3)	359.8796	181.9449
1777	37.6378	325(3)	315.1847	181.8406
1778	37.6577	278(3)	273.9304	181.7369
1779	37.6776	242(2)	242.1352	181.6331
1780	37.6976	216(2)	220.8497	181.5288
1781	37.7175	208(2)	208.2266	181.4251
1782	37.7376	199(2)	201.2087	181.3203
1783	37.7577	195(2)	197.4792	181.2155
1784	37.7776	189(2)	195.6152	181.1117
1785	37.7977	189(2)	194.9762	181.0069
1786	37.8177	193(2)	195.4843	180.9026
1787	37.8376	193(2)	197.1623	180.7989
1788	37.8575	196(2)	199.8174	180.6951
1789	37.8774	194(2)	202.8981	180.5914
1790	37.8975	195(2)	205.6313	180.4866

1791	37.9174	198(2)	206.9889	180.3828
1792	37.9375	199(2)	206.3208	180.2780
1793	37.9575	204(2)	203.6920	180.1738
1794	37.9775	201(2)	199.9931	180.0695
1795	37.9976	190(2)	196.6832	179.9647
1796	38.0176	193(2)	195.1340	179.8604
1797	38.0375	195(2)	196.6266	179.7566
1798	38.0575	201(2)	202.1618	179.6524
1799	38.0776	212(2)	212.8025	179.5321
1800	38.0976	232(2)	227.8065	179.2732
1801	38.1176	248(2)	245.6074	179.0144
1802	38.1373	274(3)	263.0284	178.7593
1803	38.1571	287(3)	277.8748	178.5031
1804	38.1774	301(3)	289.4625	178.2403
1805	38.1974	315(3)	299.0031	177.9815
1806	38.2174	329(3)	309.4780	177.7226
1807	38.2374	346(3)	321.3631	177.4637
1808	38.2573	362(3)	331.0422	177.2061
1809	38.2775	374(3)	332.9107	176.9447
1810	38.2975	359(3)	323.3679	176.6858
1811	38.3173	335(3)	304.2543	176.4295
1812	38.3374	307(3)	280.5350	176.1693
1813	38.3574	274(3)	258.9955	175.9105
1814	38.3774	255(3)	243.9286	175.6516
1815	38.3975	243(2)	236.8398	175.3914
1816	38.4176	237(2)	236.0299	175.1313
1817	38.4377	242(2)	238.2466	174.8711
1818	38.4579	240(2)	239.3159	174.6096
1819	38.4778	239(2)	236.3349	174.3520
1820	38.4978	233(2)	230.0222	174.0932
1821	38.5177	226(2)	221.9503	173.8356
1822	38.5376	216(2)	214.8225	173.5780
1823	38.5577	209(2)	211.0620	173.3178
1824	38.5776	212(2)	212.2151	173.0602
1825	38.5975	210(2)	218.2420	172.8027
1826	38.6176	225(2)	227.9603	172.5425
1827	38.6375	239(2)	239.4685	172.2849
1828	38.6576	248(2)	251.0737	172.0248
1829	38.6776	259(3)	261.1220	171.7659
1830	38.6975	268(3)	268.9113	171.5083
1831	38.7173	275(3)	274.8322	171.2520
1832	38.7373	280(3)	279.2932	170.9931
1833	38.7573	273(3)	280.9388	170.7343
1834	38.7774	273(3)	277.3078	170.4741
1835	38.7974	265(3)	267.4586	170.2152
1836	38.8175	251(2)	253.0676	169.9551
1837	38.8375	240(2)	237.4961	169.6962
1838	38.8576	223(2)	223.9212	169.4360
1839	38.8777	223(2)	215.2761	169.1759
1840	38.8976	223(2)	213.4767	168.9183
1841	38.9177	227(2)	218.6439	168.6581
1842	38.9378	235(2)	228.6661	168.3979
1843	38.9578	243(2)	239.2337	168.1391
1844	38.9779	246(2)	245.4120	167.8789



1845	38.9979	249(2)	243.7363	167.6364
1846	39.0178	237(2)	234.5827	167.3989
1847	39.0378	222(2)	221.6694	167.1602
1848	39.0577	209(2)	210.1791	166.9227
1849	39.0776	198(2)	204.2865	166.6851
1850	39.0977	203(2)	206.2228	166.4452
1851	39.1176	210(2)	215.8290	166.2077
1852	39.1376	226(2)	230.9466	165.9690
1853	39.1578	248(2)	247.6786	165.7279
1854	39.1778	256(3)	260.7784	165.4892
1855	39.1978	262(3)	266.2339	165.2505
1856	39.2175	254(3)	262.4848	165.0153
1857	39.2375	243(2)	251.0882	164.7766
1858	39.2574	232(2)	236.0949	164.5391
1859	39.2774	220(2)	221.5806	164.3003
1860	39.2975	209(2)	210.5848	164.0604
1861	39.3175	204(2)	204.3271	163.8217
1862	39.3375	197(2)	202.2483	163.5830
1863	39.3576	202(2)	203.0659	163.3431
1864	39.3775	199(2)	205.4109	163.1055
1865	39.3976	198(2)	208.3137	162.8656
1866	39.4176	198(2)	210.9927	162.6269
1867	39.4376	199(2)	212.7794	162.3882
1868	39.4575	196(2)	212.8681	162.1507
1869	39.4777	198(2)	210.7172	161.9096
1870	39.4975	191(2)	207.0195	161.6732
1871	39.5176	191(2)	203.0295	161.4333
1872	39.5376	191(2)	200.2114	161.1946
1873	39.5577	187(2)	199.6991	160.9547
1874	39.5777	194(2)	202.5575	160.7159
1875	39.5976	199(2)	209.2272	160.4785
1876	39.6178	206(2)	218.9728	160.2373
1877	39.6376	217(2)	229.0813	160.0010
1878	39.6576	225(2)	236.9568	159.7623
1879	39.6776	229(2)	240.7358	159.5235
1880	39.6976	226(2)	240.8706	159.2848
1881	39.7176	219(2)	238.9538	159.0461
1882	39.7376	217(2)	235.8395	158.8074
1883	39.7576	208(2)	230.8560	158.5687
1884	39.7776	198(2)	223.2537	158.3300
1885	39.7977	194(2)	213.7309	158.0901
1886	39.8177	186(2)	204.4631	157.8513
1887	39.8375	184(2)	197.4387	157.6150
1888	39.8575	180(2)	193.8284	157.3792
1889	39.8775	180(2)	194.0887	157.2065
1890	39.8975	183(2)	197.5735	157.0338
1891	39.9175	192(2)	203.1674	156.8610
1892	39.9375	198(2)	209.6580	156.6882
1893	39.9576	208(2)	215.5716	156.5146
1894	39.9776	213(2)	219.5448	156.3419
1895	39.9976	218(2)	220.7689	156.1691
1896	40.0175	220(2)	219.3694	155.9973
1897	40.0374	219(2)	215.6932	155.8254
1898	40.0574	212(2)	209.8947	155.6526

1899	40.0775	202(2)	202.3168	155.4790
1900	40.0975	187(2)	193.8561	155.3063
1901	40.1174	183(2)	185.5504	155.1344
1902	40.1373	177(2)	178.4831	154.9625
1903	40.1574	168(2)	173.4392	154.7889
1904	40.1776	169(2)	170.8422	154.6144
1905	40.1976	164(2)	170.5086	154.4417
1906	40.2176	168(2)	171.6964	154.2689
1907	40.2376	167(2)	173.4326	154.0962
1908	40.2576	168(2)	174.6661	153.9234
1909	40.2776	170(2)	174.7393	153.7507
1910	40.2976	171(2)	174.0075	153.5779
1911	40.3175	170(2)	173.2864	153.4061
1912	40.3376	169(2)	173.2376	153.2325
1913	40.3575	171(2)	173.9600	153.0605
1914	40.3774	170(2)	174.8829	152.8887
1915	40.3974	168(2)	175.1621	152.7159
1916	40.4175	172(2)	174.2898	152.5423
1917	40.4376	174(2)	172.5628	152.3687
1918	40.4578	166(2)	170.6235	152.1942
1919	40.4775	167(2)	169.1318	152.0241
1920	40.4974	162.1(20)	168.3094	151.8522
1921	40.5175	163(2)	167.9731	151.6786
1922	40.5375	166(2)	167.8219	151.5058
1923	40.5575	157.5(20)	167.6147	151.3331
1924	40.5774	160.4(20)	167.2466	151.1612
1925	40.5974	161.5(20)	166.6733	150.9885
1926	40.6175	155.4(20)	165.9949	150.8320
1927	40.6377	157.1(20)	165.3367	150.6894
1928	40.6578	155.2(20)	165.0016	150.5475
1929	40.6778	154.3(20)	165.3319	150.4062
1930	40.6976	157.1(20)	166.6411	150.2664
1931	40.7175	162.5(20)	169.1909	150.1259
1932	40.7376	163.1(20)	173.0185	149.9839
1933	40.7576	162.4(20)	177.9308	149.8427
1934	40.7775	167(2)	183.7139	149.7022
1935	40.7977	177(2)	190.5829	149.5596
1936	40.8178	181(2)	198.5369	149.4176
1937	40.8378	191(2)	207.1173	149.2764
1938	40.8577	204(2)	214.8183	149.1359
1939	40.8776	210(2)	219.5107	148.9954
1940	40.8976	213(2)	219.6465	148.8541
1941	40.9178	212(2)	215.5518	148.7115
1942	40.9376	203(2)	209.7381	148.5717
1943	40.9576	202(2)	204.4545	148.4305
1944	40.9778	195(2)	201.0267	148.2878
1945	40.9976	201(2)	199.3156	148.1480
1946	41.0177	198(2)	198.2786	148.0061
1947	41.0376	199(2)	197.0213	147.8655
1948	41.0576	201(2)	195.7805	147.7243
1949	41.0775	202(2)	196.1259	147.5838
1950	41.0976	209(2)	200.0719	147.4419
1951	41.1176	213(2)	208.7494	147.3006
1952	41.1378	227(2)	221.7528	147.1580

1953	41.1578	246(2)	235.9296	147.0168
1954	41.1779	257(3)	247.0043	146.8748
1955	41.1978	260(3)	250.5795	146.7343
1956	41.2178	264(3)	245.5102	146.5931
1957	41.2376	246(2)	234.7431	146.4532
1958	41.2577	229(2)	222.8497	146.3113
1959	41.2775	217(2)	214.3187	146.1715
1960	41.2976	213(2)	210.9041	146.0296
1961	41.3176	214(2)	211.9965	145.8884
1962	41.3376	216(2)	214.7066	145.7471
1963	41.3578	222(2)	215.7947	145.6045
1964	41.3775	211(2)	213.6213	145.4653
1965	41.3976	212(2)	208.4953	145.2945
1966	41.4177	202(2)	201.6663	145.0879
1967	41.4376	199(2)	194.3336	144.8835
1968	41.4576	194(2)	187.1385	144.6780
1969	41.4776	185(2)	181.0809	144.4724
1970	41.4976	181(2)	177.4452	144.2669
1971	41.5176	179(2)	177.2860	144.0614
1972	41.5378	188(2)	180.9124	143.8538
1973	41.5578	189(2)	187.3592	143.6483
1974	41.5778	196(2)	194.5972	143.4428
1975	41.5978	205(2)	199.8106	143.2373
1976	41.6177	199(2)	200.7955	143.0328
1977	41.6378	194(2)	197.1211	142.8262
1978	41.6576	183(2)	190.0914	142.6228
1979	41.6776	170(2)	181.1939	142.4173
1980	41.6975	160.8(20)	172.1870	142.2128
1981	41.7176	154.0(19)	164.2409	142.0062
1982	41.7376	151.1(19)	158.1607	141.8007
1983	41.7576	143.8(19)	154.0138	141.5952
1984	41.7776	145.5(19)	151.6338	141.3897
1985	41.7976	146.2(19)	150.6885	141.1842
1986	41.8178	145.5(19)	150.8998	140.9766
1987	41.8375	145.9(19)	152.0893	140.7742
1988	41.8574	148.6(19)	154.2923	140.5697
1989	41.8774	151.5(19)	157.4524	140.3642
1990	41.8974	159.4(20)	161.6247	140.1586
1991	41.9175	165(2)	166.7910	139.9521
1992	41.9374	174(2)	172.7129	139.7476
1993	41.9576	185(2)	179.1704	139.5400
1994	41.9776	189(2)	185.3568	139.3345
1995	41.9976	193(2)	191.0695	139.1290
1996	42.0175	198(2)	196.4827	139.0053
1997	42.0375	194(2)	201.4759	138.8811
1998	42.0576	198(2)	204.9537	138.7562
1999	42.0775	197(2)	204.9655	138.6325
2000	42.0976	192(2)	200.2113	138.5076
2001	42.1175	179(2)	191.5487	138.3840
2002	42.1373	169(2)	181.2354	138.2609
2003	42.1573	168(2)	171.2330	138.1367
2004	42.1773	161.1(20)	163.0347	138.0124
2005	42.1974	157.6(20)	157.2284	137.8875
2006	42.2174	148.6(19)	153.8135	137.7632

2007	42.2374	148.0(19)	152.4219	137.6389
2008	42.2573	151.0(19)	152.5257	137.5153
2009	42.2775	150.9(19)	153.6134	137.3898
2010	42.2974	153.9(19)	155.1211	137.2661
2011	42.3174	151.2(19)	156.5851	137.1418
2012	42.3374	162(2)	157.7532	137.0176
2013	42.3573	161.6(20)	158.3927	136.8939
2014	42.3774	165(2)	158.3743	136.7690
2015	42.3975	161.3(20)	157.5226	136.6441
2016	42.4176	160.7(20)	155.8777	136.5193
2017	42.4378	156.4(20)	153.8426	136.3937
2018	42.4578	155.7(20)	152.0119	136.2694
2019	42.4778	150.5(19)	150.7937	136.1452
2020	42.4977	148.9(19)	150.3083	136.0215
2021	42.5177	151.3(19)	150.5001	135.8972
2022	42.5377	150.4(19)	151.3215	135.7730
2023	42.5576	152.7(19)	153.0231	135.6493
2024	42.5775	155.6(20)	156.0043	135.5257
2025	42.5975	162.4(20)	161.2687	135.4014
2026	42.6176	169(2)	169.5046	135.2765
2027	42.6376	181(2)	180.3369	135.1522
2028	42.6576	191(2)	192.2469	135.0280
2029	42.6775	207(2)	202.5289	134.9043
2030	42.6975	216(2)	208.3853	134.7800
2031	42.7173	213(2)	208.1889	134.6570
2032	42.7374	206(2)	202.2107	134.5321
2033	42.7573	194(2)	192.8135	134.4084
2034	42.7774	187(2)	182.6910	134.2835
2035	42.7974	177(2)	174.4630	134.1593
2036	42.8175	165(2)	169.3173	134.0344
2037	42.8376	162.3(20)	167.5069	133.9095
2038	42.8576	169(2)	168.8376	133.7852
2039	42.8776	174(2)	173.4087	133.6587
2040	42.8976	177(2)	181.6791	133.5253
2041	42.9178	191(2)	193.8874	133.3906
2042	42.9378	213(2)	208.5715	133.2572
2043	42.9578	227(2)	222.9411	133.1239
2044	42.9778	240(2)	232.9767	132.9905
2045	42.9979	238(2)	235.2629	132.8565
2046	43.0178	233(2)	229.6054	132.7238
2047	43.0379	221(2)	219.1364	132.5898
2048	43.0577	204(2)	208.2347	132.4577
2049	43.0776	195(2)	199.6072	132.3250
2050	43.0976	183(2)	194.1946	132.1917
2051	43.1176	178(2)	190.9433	132.0583
2052	43.1377	177(2)	187.7730	131.9243
2053	43.1578	173(2)	183.3683	131.7903
2054	43.1778	169(2)	177.8792	131.6569
2055	43.1978	166(2)	172.1739	131.5235
2056	43.2175	163(2)	167.2257	131.3922
2057	43.2375	162.4(20)	163.5760	131.2588
2058	43.2574	159.7(20)	161.5985	131.1261
2059	43.2774	162(2)	161.3590	130.9927
2060	43.2975	157.7(20)	162.4843	130.8587

2061	43.3175	159.6(20)	164.2834	130.7253
2062	43.3376	162(2)	165.5630	130.5913
2063	43.3576	159.4(20)	165.2443	130.4579
2064	43.3776	158.0(20)	162.9861	130.3246
2065	43.3977	152.3(19)	159.4245	130.1906
2066	43.4177	146.7(19)	155.7108	130.0572
2067	43.4375	146.5(19)	152.7596	129.9252
2068	43.4576	144.5(19)	150.9642	129.7912
2069	43.4776	144.0(19)	150.3806	129.6578
2070	43.4976	144.8(19)	150.7142	129.5244
2071	43.5176	146.5(19)	151.6440	129.3911
2072	43.5376	149.9(19)	153.5179	129.2577
2073	43.5576	157.8(20)	157.3564	129.1243
2074	43.5778	165(2)	164.6490	128.9732
2075	43.5976	179(2)	176.2980	128.8233
2076	43.6178	201(2)	193.0714	128.6703
2077	43.6376	221(2)	213.0057	128.5204
2078	43.6575	249(2)	233.2136	128.3698
2079	43.6776	258(3)	248.8719	128.2176
2080	43.6976	260(3)	254.4965	128.0661
2081	43.7176	255(3)	247.5486	127.9147
2082	43.7376	240(2)	230.3246	127.7633
2083	43.7575	212(2)	208.4126	127.6126
2084	43.7777	187(2)	186.6587	127.4597
2085	43.7976	171(2)	169.2395	127.3090
2086	43.8177	157.9(20)	157.2102	127.1568
2087	43.8375	153.6(19)	150.8667	127.0069
2088	43.8574	151.3(19)	149.1526	126.8562
2089	43.8775	149.9(19)	151.1962	126.7040
2090	43.8975	158.4(20)	156.0085	126.5526
2091	43.9175	157.5(20)	162.6380	126.4012
2092	43.9376	165(2)	170.0617	126.2490
2093	43.9575	172(2)	176.8961	126.0983
2094	43.9776	175(2)	182.2513	125.9462
2095	43.9976	179(2)	185.0045	125.7947
2096	44.0174	176(2)	184.4078	125.6448
2097	44.0374	179(2)	180.6957	125.4934
2098	44.0575	174(2)	175.1113	125.3412
2099	44.0775	162(2)	169.3672	125.1898
2100	44.0974	159.9(20)	164.4490	125.0391
2101	44.1174	156.5(20)	160.6085	124.8877
2102	44.1373	152.5(19)	157.6139	124.7370
2103	44.1575	153.4(19)	155.0153	124.5840
2104	44.1775	144.3(19)	152.3038	124.4326
2105	44.1976	144.7(19)	149.1745	124.2804
2106	44.2176	138.7(19)	145.7598	124.1290
2107	44.2376	135.1(18)	142.4946	123.9869
2108	44.2576	134.5(18)	139.9298	123.8668
2109	44.2776	133.2(18)	138.4422	123.7466
2110	44.2975	137.2(18)	138.2486	123.6270
2111	44.3176	140.0(19)	139.3901	123.5062
2112	44.3376	143.6(19)	141.8027	123.3860
2113	44.3575	149.8(19)	145.0803	123.2664
2114	44.3774	154.5(20)	148.6127	123.1468

2115	44.3975	156.5(20)	151.5888	123.0260
2116	44.4175	155.1(20)	153.0234	122.9058
2117	44.4376	157.2(20)	152.3770	122.7850
2118	44.4578	152.9(20)	149.9153	122.6636
2119	44.4775	144.1(19)	146.7582	122.5452
2120	44.4975	139.5(19)	143.9825	122.4250
2121	44.5175	141.3(19)	142.5770	122.3048
2122	44.5375	140.0(19)	142.9786	122.1846
2123	44.5574	139.5(19)	145.2037	122.0650
2124	44.5775	142.7(19)	148.9829	121.9442
2125	44.5974	145.3(19)	153.9111	121.8246
2126	44.6176	151.1(19)	159.9803	121.7033
2127	44.6376	152.9(19)	167.0434	121.5831
2128	44.6577	164(2)	174.9623	121.4623
2129	44.6778	169(2)	183.0084	121.3415
2130	44.6977	174(2)	190.2649	121.2219
2131	44.7175	185(2)	196.3938	121.1029
2132	44.7376	193(2)	201.2661	120.9821
2133	44.7576	192(2)	203.8440	120.8619
2134	44.7776	196(2)	202.6188	120.7417
2135	44.7977	196(2)	196.5684	120.6209
2136	44.8178	184(2)	186.6308	120.5001
2137	44.8378	172(2)	175.1848	120.3799
2138	44.8577	158.5(20)	164.2980	120.2603
2139	44.8776	156.1(20)	155.1407	120.1407
2140	44.8977	140.8(19)	148.2617	120.0199
2141	44.9176	143.7(19)	143.5981	119.9003
2142	44.9376	138.1(19)	140.8269	119.7801
2143	44.9578	139.4(19)	139.9492	119.6949
2144	44.9777	139.9(19)	141.1674	119.6751
2145	44.9976	143.4(19)	144.6304	119.6554
2146	45.0177	145.4(19)	150.4837	119.6355
2147	45.0376	154.3(20)	158.3446	119.6158
2148	45.0576	161.0(20)	167.6591	119.5960
2149	45.0775	165(2)	177.3303	119.5762
2150	45.0975	175(2)	186.2660	119.5564
2151	45.1177	179(2)	193.2283	119.5364
2152	45.1377	184(2)	196.7528	119.5166
2153	45.1578	180(2)	195.9477	119.4967
2154	45.1778	182(2)	191.3217	119.4768
2155	45.1978	183(2)	184.8638	119.4570
2156	45.2176	173(2)	178.9350	119.4374
2157	45.2377	174(2)	175.0397	119.4175
2158	45.2576	166(2)	173.5999	119.3977
2159	45.2776	169(2)	173.5858	119.3779
2160	45.2976	169(2)	173.1450	119.3581
2161	45.3176	163(2)	170.4596	119.3383
2162	45.3376	160.9(20)	165.1959	119.3185
2163	45.3578	156.9(20)	158.4055	119.2984
2164	45.3775	146.8(19)	151.7640	119.2789
2165	45.3977	140.4(19)	145.9765	119.2589
2166	45.4177	137.4(18)	141.6965	119.2391
2167	45.4376	136.6(18)	138.7361	119.2194
2168	45.4576	136.0(18)	136.5480	119.1995

2169	45.4775	131.2(18)	134.6143	119.1798
2170	45.4976	128.1(18)	132.6355	119.1599
2171	45.5176	129.5(18)	130.6473	119.1401
2172	45.5377	125.7(18)	128.7629	119.1201
2173	45.5578	124.2(18)	127.1520	119.1002
2174	45.5778	124.8(18)	125.9743	119.0804
2175	45.5978	124.8(18)	125.3283	119.0606
2176	45.6178	126.7(18)	125.1995	119.0408
2177	45.6378	122.3(17)	125.5905	119.1139
2178	45.6576	124.3(18)	126.2930	119.2153
2179	45.6775	126.6(18)	127.1562	119.3172
2180	45.6976	123.4(17)	128.1132	119.4202
2181	45.7175	126.2(18)	129.1988	119.5221
2182	45.7376	127.2(18)	130.5454	119.6250
2183	45.7576	127.7(18)	132.1925	119.7275
2184	45.7776	127.6(18)	134.0576	119.8299
2185	45.7976	131.3(18)	135.9658	119.9323
2186	45.8178	134.2(18)	137.8109	120.0358
2187	45.8375	133.9(18)	139.5575	120.1367
2188	45.8574	135.2(18)	141.4226	120.2386
2189	45.8775	135.9(18)	143.7457	120.3416
2190	45.8974	133.7(18)	146.8813	120.4435
2191	45.9174	144.0(19)	151.6501	120.5460
2192	45.9375	151.7(19)	158.6164	120.6489
2193	45.9575	159.4(20)	167.5369	120.7514
2194	45.9776	173(2)	177.3394	120.8543
2195	45.9975	180(2)	185.6457	120.9562
2196	46.0175	191(2)	190.0118	121.0587
2197	46.0375	191(2)	188.6705	121.1611
2198	46.0576	184(2)	181.9154	121.2641
2199	46.0776	172(2)	171.8883	121.3665
2200	46.0976	160.0(20)	161.0768	121.4689
2201	46.1174	153.2(19)	151.5720	121.5704
2202	46.1373	142.5(19)	144.4973	121.6723
2203	46.1573	138.9(19)	140.2600	121.7747
2204	46.1773	136.8(18)	138.7114	121.8772
2205	46.1974	136.7(18)	139.2482	121.9801
2206	46.2174	136.6(18)	141.0757	122.0825
2207	46.2374	138.0(18)	143.4555	122.1850
2208	46.2574	138.9(19)	145.7933	122.2874
2209	46.2774	140.2(19)	148.0028	122.3899
2210	46.2974	136.4(18)	150.4958	122.5200
2211	46.3174	142.6(19)	153.8747	122.6519
2212	46.3374	148.0(19)	158.6088	122.7839
2213	46.3574	155.5(20)	164.6317	122.9158
2214	46.3773	164(2)	171.2298	123.0470
2215	46.3975	174(2)	177.4940	123.1803
2216	46.4177	184(2)	181.8662	123.3135
2217	46.4377	188(2)	183.1429	123.4454
2218	46.4578	193(2)	181.1179	123.5780
2219	46.4778	186(2)	176.7195	123.7099
2220	46.4978	181(2)	171.5414	123.8418
2221	46.5176	181(2)	167.1102	123.9724
2222	46.5378	178(2)	164.0003	124.1057

2223	46.5575	177(2)	161.9024	124.2356
2224	46.5775	168(2)	159.5895	124.3675
2225	46.5976	162(2)	156.0652	124.5001
2226	46.6176	152.2(19)	151.2980	124.6320
2227	46.6376	147.0(19)	145.8701	124.7639
2228	46.6575	141.3(19)	140.8340	124.8952
2229	46.6775	134.0(18)	137.0675	125.0271
2230	46.6975	133.6(18)	135.1363	125.1590
2231	46.7173	132.9(18)	135.1695	125.2896
2232	46.7374	132.4(18)	136.9697	125.4222
2233	46.7573	139.2(19)	140.0059	125.5535
2234	46.7774	141.1(19)	143.5305	125.6361
2235	46.7974	150.0(19)	146.6531	125.6957
2236	46.8175	146.2(19)	148.7200	125.7556
2237	46.8376	150.8(19)	149.5597	125.8156
2238	46.8576	148.8(19)	149.6810	125.8752
2239	46.8776	147.1(19)	149.9073	125.9348
2240	46.8976	148.4(19)	151.0098	125.9944
2241	46.9178	148.1(19)	153.6035	126.0546
2242	46.9378	155.5(20)	158.0640	126.1142
2243	46.9578	159.7(20)	164.7027	126.1738
2244	46.9778	168(2)	173.4210	126.2334
2245	46.9979	179(2)	183.3612	126.2933
2246	47.0178	190(2)	192.5032	126.3526
2247	47.0379	199(2)	198.6278	126.4125
2248	47.0577	205(2)	199.6304	126.4715
2249	47.0776	197(2)	195.0386	126.5309
2250	47.0976	193(2)	185.9747	126.5905
2251	47.1178	177(2)	174.9122	126.6507
2252	47.1377	168(2)	164.7799	126.7100
2253	47.1578	157.1(20)	157.3008	126.7699
2254	47.1778	158.0(20)	153.5822	126.8295
2255	47.1976	152.1(19)	153.6911	126.8885
2256	47.2175	154.5(20)	157.1534	126.9478
2257	47.2376	162(2)	163.1804	127.0077
2258	47.2574	170(2)	170.6195	127.0667
2259	47.2774	174(2)	178.5567	127.1263
2260	47.2975	186(2)	186.0014	127.1862
2261	47.3175	192(2)	192.2101	127.2458
2262	47.3376	201(2)	197.0780	127.3057
2263	47.3576	206(2)	200.9544	127.3654
2264	47.3776	211(2)	203.6165	127.4250
2265	47.3977	210(2)	205.1668	127.4849
2266	47.4176	207(2)	205.6291	127.5442
2267	47.4376	202(2)	205.2957	127.6038
2268	47.4575	204(2)	204.4632	127.6631
2269	47.4778	194(2)	203.2904	127.7236
2270	47.4975	200(2)	201.7667	127.7823
2271	47.5176	194(2)	199.2706	127.8422
2272	47.5375	187(2)	195.2389	127.9370
2273	47.5578	181(2)	189.5246	128.0785
2274	47.5777	179(2)	182.8668	128.2172
2275	47.5977	165(2)	175.5308	128.3566
2276	47.6178	156.5(20)	167.9827	128.4967



2277	47.6375	149.7(19)	160.9508	128.6340
2278	47.6577	146.0(19)	154.8338	128.7747
2279	47.6775	143.8(19)	150.5633	128.9127
2280	47.6977	141.6(19)	148.2807	129.0535
2281	47.7176	139.1(19)	147.8931	129.1922
2282	47.7375	138.1(18)	148.7411	129.3309
2283	47.7576	143.4(19)	149.8991	129.4710
2284	47.7777	143.2(19)	150.4485	129.6111
2285	47.7977	144.8(19)	149.8971	129.7504
2286	47.8176	144.2(19)	148.3708	129.8891
2287	47.8375	143.9(19)	146.4014	130.0278
2288	47.8575	142.4(19)	144.5146	130.1672
2289	47.8774	143.2(19)	143.1325	130.3059
2290	47.8975	143.7(19)	142.3927	130.4460
2291	47.9175	139.8(19)	142.2812	130.5853
2292	47.9376	139.9(19)	142.7141	130.7254
2293	47.9576	140.6(19)	143.6430	130.8648
2294	47.9776	142.8(19)	145.0495	131.0042
2295	47.9975	145.6(19)	146.7956	131.1429
2296	48.0175	144.5(19)	148.6534	131.2823
2297	48.0375	150.3(19)	150.3368	131.4217
2298	48.0575	152.2(19)	151.7656	131.5610
2299	48.0774	155.6(20)	153.0674	131.6997
2300	48.0975	153.0(20)	154.6077	131.8398
2301	48.1174	156.1(20)	156.8456	131.9785
2302	48.1374	154.1(20)	160.3494	132.1179
2303	48.1574	160.0(20)	165.5612	132.2573
2304	48.1775	163(2)	172.7157	132.3974
2305	48.1976	166(2)	181.4091	132.5374
2306	48.2176	173(2)	190.5158	132.6768
2307	48.2377	189(2)	198.5078	132.8169
2308	48.2576	196(2)	203.4960	132.9556
2309	48.2776	191(2)	204.0356	133.0950
2310	48.2976	192(2)	199.7699	133.2344
2311	48.3176	182(2)	191.9610	133.3377
2312	48.3376	173(2)	182.8060	133.3871
2313	48.3575	172(2)	174.5905	133.4362
2314	48.3774	164(2)	168.9270	133.4852
2315	48.3974	162(2)	166.7823	133.5346
2316	48.4176	166(2)	168.6242	133.5844
2317	48.4376	165(2)	174.6219	133.6338
2318	48.4578	177(2)	185.3815	133.6836
2319	48.4775	190(2)	201.4166	133.7322
2320	48.4975	204(2)	224.4792	133.7815
2321	48.5175	231(2)	254.7385	133.8309
2322	48.5375	266(3)	290.5869	133.8802
2323	48.5575	297(3)	327.7814	133.9296
2324	48.5774	335(3)	359.7863	133.9786
2325	48.5974	355(3)	379.6884	134.0280
2326	48.6176	360(3)	381.6312	134.0778
2327	48.6376	346(3)	365.2953	134.1272
2328	48.6578	329(3)	336.7736	134.1770
2329	48.6778	304(3)	305.6913	134.2263
2330	48.6977	279(3)	279.3535	134.2754

2331	48.7176	262(3)	261.7847	134.3245
2332	48.7376	255(3)	253.8378	134.3739
2333	48.7575	250(2)	253.7995	134.4229
2334	48.7776	256(3)	258.2194	134.4725
2335	48.7977	259(3)	262.7272	134.5221
2336	48.8178	259(3)	262.8445	134.5717
2337	48.8378	248(2)	256.0609	134.6210
2338	48.8578	234(2)	243.6357	134.6704
2339	48.8776	226(2)	229.5780	134.7192
2340	48.8976	218(2)	217.8754	134.7686
2341	48.9177	211(2)	211.7231	134.8182
2342	48.9376	207(2)	212.2026	134.8672
2343	48.9578	220(2)	218.1106	134.9171
2344	48.9776	229(2)	226.0254	134.9659
2345	48.9977	244(2)	232.1069	135.0155
2346	49.0177	239(2)	232.8777	135.0648
2347	49.0376	231(2)	227.5892	135.1139
2348	49.0576	226(2)	218.1830	135.1633
2349	49.0775	203(2)	208.2345	135.2124
2350	49.0975	200(2)	200.8658	135.2617
2351	49.1176	196(2)	197.6991	135.3113
2352	49.1378	202(2)	198.2622	135.3611
2353	49.1578	205(2)	200.5745	135.4105
2354	49.1779	207(2)	202.7001	135.4601
2355	49.1978	202(2)	203.8728	135.5091
2356	49.2177	203(2)	204.6614	135.5582
2357	49.2377	208(2)	206.2493	135.6076
2358	49.2577	204(2)	209.3433	135.5431
2359	49.2775	209(2)	213.7506	135.3689
2360	49.2976	216(2)	218.5747	135.1921
2361	49.3176	229(2)	222.2640	135.0161
2362	49.3376	232(2)	223.6073	134.8401
2363	49.3576	231(2)	221.7137	134.6642
2364	49.3776	229(2)	216.0293	134.4882
2365	49.3977	216(2)	206.8751	134.3113
2366	49.4176	201(2)	196.0984	134.1363
2367	49.4376	192(2)	185.9312	133.9603
2368	49.4575	181(2)	178.5990	133.7852
2369	49.4776	171(2)	175.3161	133.6083
2370	49.4976	178(2)	176.2605	133.4324
2371	49.5176	182(2)	180.5689	133.2564
2372	49.5377	188(2)	187.0208	133.0795
2373	49.5577	197(2)	194.2933	132.9035
2374	49.5778	207(2)	201.3281	132.7267
2375	49.5978	221(2)	207.2932	132.5507
2376	49.6178	224(2)	212.2667	132.3748
2377	49.6378	233(2)	217.2198	132.1988
2378	49.6576	236(2)	223.3181	132.0246
2379	49.6775	241(2)	231.0831	131.8495
2380	49.6976	250(3)	239.5451	131.6726
2381	49.7176	256(3)	246.3404	131.4967
2382	49.7376	259(3)	249.1652	131.3207
2383	49.7576	254(3)	246.9723	131.1447
2384	49.7776	246(2)	239.9631	130.9688

2385	49.7976	233(2)	229.0002	130.7928
2386	49.8178	221(2)	215.5106	130.6150
2387	49.8375	201(2)	202.1464	130.4417
2388	49.8574	193(2)	190.5107	130.2666
2389	49.8774	183(2)	182.0799	130.0907
2390	49.8974	171(2)	177.0676	129.9147
2391	49.9174	170(2)	175.0448	129.7387
2392	49.9374	172(2)	174.3365	129.5627
2393	49.9575	167(2)	173.3703	129.3859
2394	49.9776	164(2)	171.1319	129.2090
2395	49.9975	157.8(20)	167.6437	129.0339
2396	50.0175	156.4(20)	163.6603	128.8580
2397	50.0375	150.1(19)	160.2888	128.6820
2398	50.0576	151.9(19)	158.3995	128.5051
2399	50.0776	155.1(20)	158.2351	128.3292
2400	50.0975	157.4(20)	159.5906	128.1541
2401	50.1174	163(2)	161.4670	127.9424
2402	50.1373	157.8(20)	162.8386	127.6999
2403	50.1573	166(2)	163.0591	127.4562
2404	50.1773	159.6(20)	162.0232	127.2125
2405	50.1974	160(2)	160.1502	126.9675
2406	50.2174	156.2(20)	158.0629	126.7238
2407	50.2374	151.2(20)	156.0672	126.4801
2408	50.2573	150.5(19)	154.0794	126.2376
2409	50.2774	147.4(19)	151.7373	125.9926
2410	50.2974	146.2(19)	148.8366	125.7489
2411	50.3174	142.4(19)	145.4596	125.5052
2412	50.3374	136.8(19)	142.0478	125.2615
2413	50.3573	135.6(18)	139.2028	125.0190
2414	50.3774	131.0(18)	137.3892	124.7740
2415	50.3976	132.0(18)	136.9174	124.5279
2416	50.4176	132.2(18)	137.8320	124.2842
2417	50.4378	132.1(18)	140.0168	124.0380
2418	50.4578	136.5(18)	143.1875	123.7943
2419	50.4778	137.8(19)	147.0419	123.5505
2420	50.4978	141.0(19)	151.1217	123.3069
2421	50.5177	145.0(19)	154.8327	123.0643
2422	50.5378	147.2(19)	157.6443	122.8194
2423	50.5575	150.8(19)	159.0291	122.5793
2424	50.5775	149.5(19)	158.8243	122.3356
2425	50.5975	147.9(19)	156.9668	122.0919
2426	50.6176	145.9(19)	153.5783	121.8470
2427	50.6376	143.9(19)	149.1323	121.6032
2428	50.6575	139.7(19)	144.3375	121.3607
2429	50.6775	139.9(19)	139.7687	121.1170
2430	50.6974	138.0(19)	135.8635	120.8745
2431	50.7174	136.2(18)	132.7254	120.6308
2432	50.7374	130.9(18)	130.3503	120.3871
2433	50.7573	135.1(18)	128.6711	120.1445
2434	50.7774	129.0(18)	127.5944	119.8996
2435	50.7975	129.5(18)	127.1989	119.6714
2436	50.8175	131.2(18)	127.6726	119.5429
2437	50.8375	129.2(18)	129.1224	119.4145
2438	50.8576	129.6(18)	131.8129	119.2854

2439	50.8777	135.5(18)	135.9922	119.1563
2440	50.8976	140.6(19)	141.6918	119.0285
2441	50.9178	146.5(19)	148.9270	118.8987
2442	50.9378	153.5(20)	157.1526	118.7703
2443	50.9578	159.3(20)	165.8406	118.6418
2444	50.9778	168(2)	174.3279	118.5134
2445	50.9979	175(2)	181.8345	118.3843
2446	51.0178	184(2)	187.3703	118.2565
2447	51.0379	189(2)	190.2533	118.1274
2448	51.0577	184(2)	190.1065	118.0002
2449	51.0775	184(2)	187.1692	117.8731
2450	51.0977	183(2)	181.6170	117.7433
2451	51.1176	177(2)	174.2827	117.6155
2452	51.1378	169(2)	166.0260	117.4858
2453	51.1577	161(2)	158.3599	117.3580
2454	51.1777	154.2(20)	152.1815	117.2295
2455	51.1977	148.6(19)	148.1646	117.1011
2456	51.2176	144.5(19)	146.2201	116.9732
2457	51.2375	142.3(19)	145.6949	116.8454
2458	51.2575	144.1(19)	145.6572	116.7170
2459	51.2773	142.2(19)	145.2054	116.5898
2460	51.2975	138.4(19)	143.6783	116.4601
2461	51.3175	137.3(19)	140.9208	116.3316
2462	51.3376	136.3(19)	137.2298	116.2025
2463	51.3575	131.9(18)	133.3393	116.0747
2464	51.3777	126.6(18)	129.8452	115.9450
2465	51.3977	126.2(18)	127.3367	115.8165
2466	51.4176	126.3(18)	125.9785	115.6887
2467	51.4376	126.4(18)	125.6789	115.5603
2468	51.4576	126.6(18)	126.1754	115.4318
2469	51.4776	127.2(18)	127.1439	115.3213
2470	51.4976	131.2(18)	128.2461	115.2255
2471	51.5176	130.3(18)	129.1794	115.1296
2472	51.5375	127.5(18)	129.7121	115.0342
2473	51.5578	129.0(18)	129.6613	114.9370
2474	51.5777	126.3(18)	128.9375	114.8416
2475	51.5977	126.9(18)	127.5930	114.7458
2476	51.6176	122.4(17)	125.9080	114.6504
2477	51.6376	120.7(17)	124.1984	114.5546
2478	51.6576	119.9(17)	122.7869	114.4587
2479	51.6776	119.9(17)	121.8856	114.3629
2480	51.6977	120.0(17)	121.5862	114.2666
2481	51.7176	118.6(17)	121.8670	114.1712
2482	51.7375	122.1(18)	122.6327	114.0759
2483	51.7577	125.4(18)	123.7569	113.9790
2484	51.7776	123.6(18)	125.0768	113.8837
2485	51.7978	123.0(18)	126.5838	113.7869
2486	51.8177	123.7(18)	128.2875	113.6915
2487	51.8375	123.4(18)	130.2954	113.5966
2488	51.8575	126.4(18)	132.6792	113.5008
2489	51.8774	128.7(18)	135.3361	113.4055
2490	51.8975	129.5(18)	138.0588	113.3091
2491	51.9175	129.3(18)	140.6171	113.2133
2492	51.9377	129.9(18)	142.7180	113.1165

2493	51.9575	136.7(18)	144.0095	113.0216
2494	51.9776	136.0(18)	144.2590	112.9253
2495	51.9976	138.7(19)	143.3010	112.8295
2496	52.0175	138.1(19)	141.2837	112.7341
2497	52.0374	135.0(18)	138.6103	112.6387
2498	52.0575	129.4(18)	135.7600	112.5424
2499	52.0774	131.3(18)	133.3039	112.4471
2500	52.0975	126.7(18)	131.6360	112.3507
2501	52.1175	126.3(18)	131.1427	112.2549
2502	52.1374	124.1(18)	132.0152	112.1595
2503	52.1574	125.6(18)	134.2760	112.0637
2504	52.1776	128.9(18)	137.7182	111.9669
2505	52.1976	133.0(18)	141.8034	111.8711
2506	52.2177	130.8(18)	145.9493	111.7747
2507	52.2377	134.9(18)	149.4006	111.6789
2508	52.2575	136.1(18)	151.5232	111.5840
2509	52.2776	142.1(19)	152.0474	111.4877
2510	52.2976	136.5(18)	151.1409	111.3919
2511	52.3177	136.0(19)	149.4719	111.2955
2512	52.3375	139.8(19)	147.8926	111.2007
2513	52.3575	135.1(18)	146.8797	111.1393
2514	52.3774	137.1(19)	146.5451	111.0871
2515	52.3975	140.6(19)	146.4636	111.0344
2516	52.4176	140.0(19)	145.9532	110.9817
2517	52.4377	140.4(19)	144.3846	110.9290
2518	52.4576	137.6(19)	141.5834	110.8768
2519	52.4776	131.0(18)	137.7260	110.8243
2520	52.4975	130.7(18)	133.3398	110.7721
2521	52.5175	124.0(18)	128.9698	110.7197
2522	52.5376	123.8(18)	125.1031	110.6670
2523	52.5575	122.2(17)	122.0921	110.6148
2524	52.5774	117.2(17)	120.0068	110.5626
2525	52.5975	115.5(17)	118.8497	110.5099
2526	52.6176	114.2(17)	118.5863	110.4572
2527	52.6376	115.6(17)	119.1811	110.4047
2528	52.6578	118.2(17)	120.6018	110.3518
2529	52.6778	120.4(17)	122.7815	110.2993
2530	52.6977	126.8(18)	125.6453	110.2471
2531	52.7176	121.1(18)	129.0500	110.1949
2532	52.7376	129.4(18)	132.6925	110.1425
2533	52.7576	135.2(18)	136.0394	110.0900
2534	52.7776	141.1(19)	138.4699	110.0376
2535	52.7978	138.6(19)	139.3973	109.9846
2536	52.8178	140.6(19)	138.4394	109.9321
2537	52.8378	134.5(18)	135.7741	109.8797
2538	52.8577	133.5(18)	132.0705	109.8275
2539	52.8777	128.0(18)	128.1143	109.7750
2540	52.8976	123.5(18)	124.5969	109.7228
2541	52.9178	118.5(17)	121.8902	109.6699
2542	52.9376	120.0(17)	120.3128	109.6180
2543	52.9577	116.9(17)	119.9344	109.5652
2544	52.9778	120.2(17)	120.8373	109.5125
2545	52.9976	120.5(17)	122.9110	109.4606
2546	53.0177	125.3(18)	125.9751	109.4079

2547	53.0376	130.1(18)	129.4777	109.3557
2548	53.0577	132.6(18)	132.8196	109.3030
2549	53.0775	131.3(18)	135.3071	109.3388
2550	53.0975	134.8(18)	136.4684	109.3843
2551	53.1177	132.8(18)	136.3578	109.4303
2552	53.1378	132.4(18)	135.5301	109.4761
2553	53.1578	126.6(18)	134.6466	109.5216
2554	53.1779	131.4(18)	134.0162	109.5674
2555	53.1978	126.9(18)	133.5620	109.6128
2556	53.2178	127.7(18)	132.9552	109.6583
2557	53.2376	125.6(18)	131.9096	109.7034
2558	53.2577	126.7(18)	130.3478	109.7492
2559	53.2776	122.8(18)	128.4656	109.7945
2560	53.2976	120.5(17)	126.4720	109.8400
2561	53.3176	120.0(17)	124.5213	109.8856
2562	53.3376	114.4(17)	122.8276	109.9312
2563	53.3578	118.3(17)	121.5538	109.9772
2564	53.3776	116.2(17)	120.8346	110.0223
2565	53.3977	118.2(17)	120.6720	110.0680
2566	53.4177	117.3(17)	121.0523	110.1136
2567	53.4376	119.3(17)	121.8630	110.1589
2568	53.4576	122.5(18)	122.9000	110.2045
2569	53.4775	122.5(18)	123.8296	110.2498
2570	53.4976	126.5(18)	124.3347	110.2956
2571	53.5176	126.7(18)	124.2056	110.3411
2572	53.5377	127.6(18)	123.5192	110.3869
2573	53.5578	124.0(18)	122.5661	110.4327
2574	53.5778	120.0(17)	121.7181	110.4782
2575	53.5978	118.5(17)	121.3504	110.5238
2576	53.6178	116.3(17)	121.5835	110.5693
2577	53.6378	120.9(17)	122.3581	110.6149
2578	53.6576	120.0(17)	123.4258	110.6600
2579	53.6775	119.0(17)	124.4644	110.7053
2580	53.6976	127.8(18)	125.2447	110.7511
2581	53.7176	128.9(18)	125.6083	110.7966
2582	53.7376	123.8(18)	125.4734	110.8422
2583	53.7576	124.9(18)	124.8006	110.8877
2584	53.7776	121.0(17)	123.6114	110.9333
2585	53.7976	120.5(18)	122.0697	110.9758
2586	53.8177	119.3(17)	120.4697	111.0010
2587	53.8375	115.5(17)	119.1184	111.0259
2588	53.8574	116.8(17)	118.2511	111.0509
2589	53.8775	117.6(17)	117.9942	111.0762
2590	53.8974	116.4(17)	118.3815	111.1012
2591	53.9175	118.2(17)	119.4184	111.1265
2592	53.9374	117.6(17)	121.1143	111.1515
2593	53.9575	121.4(17)	123.5934	111.1768
2594	53.9776	123.2(18)	126.8961	111.2021
2595	53.9976	125.3(18)	130.8559	111.2272
2596	54.0175	132.8(18)	134.9210	111.2522
2597	54.0375	133.6(18)	138.3344	111.2774
2598	54.0575	134.2(18)	140.2168	111.3025
2599	54.0776	138.9(19)	140.1191	111.3278
2600	54.0976	137.4(19)	138.3641	111.3529

2601	54.1174	134.9(18)	135.8674	111.3778
2602	54.1373	134.8(18)	133.6143	111.4028
2603	54.1572	130.8(18)	132.3766	111.4279
2604	54.1773	131.3(18)	132.4466	111.4531
2605	54.1974	133.4(18)	133.6727	111.4784
2606	54.2173	137.7(19)	135.5445	111.5034
2607	54.2374	136.3(19)	137.5643	111.5287
2608	54.2574	135.5(19)	139.3246	111.5538
2609	54.2774	136.6(19)	140.7676	111.5790
2610	54.2974	142.2(19)	142.0724	111.6041
2611	54.3173	141.3(19)	143.4040	111.6291
2612	54.3374	141.6(19)	144.8121	111.6544
2613	54.3574	144.3(19)	146.1251	111.6796
2614	54.3773	147.4(19)	147.1341	111.7046
2615	54.3975	142.1(19)	147.6726	111.7300
2616	54.4178	144.8(19)	147.7894	111.7555
2617	54.4378	146.8(19)	147.9357	111.7806
2618	54.4578	143.2(19)	148.6628	111.8058
2619	54.4777	143.8(19)	150.3437	111.8308
2620	54.4978	146.2(19)	153.0969	111.8561
2621	54.5176	155.1(20)	156.5250	111.8810
2622	54.5378	159(2)	159.9378	111.9063
2623	54.5575	162(2)	162.0297	111.9311
2624	54.5775	163(2)	161.8266	111.9563
2625	54.5976	160(2)	158.9622	111.9815
2626	54.6176	158.3(20)	154.2004	112.0067
2627	54.6376	152.9(20)	148.7057	112.0318
2628	54.6575	143.2(19)	143.5827	112.0568
2629	54.6775	143.4(19)	139.5024	112.0820
2630	54.6975	139.2(19)	136.8977	112.1071
2631	54.7173	134.7(18)	135.9517	112.1320
2632	54.7374	134.8(18)	136.6431	112.1370
2633	54.7573	137.6(19)	138.7357	112.0925
2634	54.7774	136.9(19)	141.9285	112.0475
2635	54.7975	143.9(19)	145.6529	112.0026
2636	54.8175	148.0(19)	149.2146	111.9578
2637	54.8375	152.6(20)	151.9053	111.9131
2638	54.8576	155.5(20)	153.2548	111.8681
2639	54.8776	156.4(20)	153.4229	111.8234
2640	54.8977	156.8(20)	153.2531	111.7784
2641	54.9178	157.8(20)	153.8144	111.7335
2642	54.9378	157.6(20)	155.9750	111.6887
2643	54.9578	160(2)	160.0545	111.6440
2644	54.9778	166(2)	165.5229	111.5992
2645	54.9979	171(2)	171.0696	111.5543
2646	55.0179	179(2)	174.8911	111.5095
2647	55.0379	183(2)	175.6473	111.4648
2648	55.0576	175(2)	173.1790	111.4207
2649	55.0776	171(2)	168.4977	111.3760
2650	55.0976	164(2)	163.4053	111.3312
2651	55.1177	157(2)	159.5714	111.2863
2652	55.1377	151.8(20)	158.1001	111.2415
2653	55.1578	157.1(20)	159.1636	111.1966
2654	55.1777	157.3(20)	162.0995	111.1521

2655	55.1976	165(2)	165.6960	111.1075
2656	55.2176	164(2)	168.4668	111.0628
2657	55.2375	167(2)	169.0285	111.0183
2658	55.2574	168(2)	166.7633	110.9738
2659	55.2774	159(2)	162.0622	110.9290
2660	55.2975	155.6(20)	156.1440	110.8841
2661	55.3175	147.9(19)	150.3979	110.8393
2662	55.3376	141.8(19)	145.6867	110.7943
2663	55.3575	138.8(19)	142.4275	110.7498
2664	55.3776	135.2(18)	140.4247	110.7049
2665	55.3978	135.6(18)	139.2688	110.6597
2666	55.4176	132.4(18)	138.4994	110.6154
2667	55.4375	129.9(18)	137.6493	110.5709
2668	55.4576	132.5(18)	136.3783	110.5259
2669	55.4776	130.7(18)	134.5766	110.4812
2670	55.4976	127.0(18)	132.3233	110.4364
2671	55.5176	123.4(18)	129.8511	110.3917
2672	55.5376	123.7(18)	127.4217	110.3469
2673	55.5576	120.5(17)	125.2024	110.3022
2674	55.5778	117.0(17)	123.3039	110.2570
2675	55.5977	114.6(17)	121.8361	110.2125
2676	55.6176	117.3(17)	120.8401	110.1680
2677	55.6376	116.9(17)	120.3487	110.1232
2678	55.6576	118.3(17)	120.3394	110.0572
2679	55.6776	113.8(17)	120.7780	109.9901
2680	55.6976	118.2(17)	121.5725	109.9230
2681	55.7176	118.7(17)	122.6447	109.8559
2682	55.7376	122.7(18)	123.8200	109.7888
2683	55.7576	120.3(17)	124.8980	109.7217
2684	55.7777	123.7(18)	125.6681	109.6542
2685	55.7977	127.5(18)	126.0214	109.5871
2686	55.8176	125.3(18)	126.0540	109.5203
2687	55.8375	127.7(18)	125.9906	109.4536
2688	55.8575	124.0(18)	126.0909	109.3864
2689	55.8775	124.6(18)	126.7028	109.3193
2690	55.8975	123.1(18)	128.0819	109.2522
2691	55.9175	127.0(18)	130.4799	109.1851
2692	55.9376	128.4(18)	134.1040	109.1177
2693	55.9576	131.9(18)	138.9053	109.0505
2694	55.9776	133.9(18)	144.5214	108.9834
2695	55.9976	147.1(19)	150.1239	108.9163
2696	56.0175	151.2(20)	154.5592	108.8495
2697	56.0375	154.5(20)	156.8346	108.7824
2698	56.0575	161(2)	156.4133	108.7153
2699	56.0774	156.0(20)	153.6133	108.6485
2700	56.0974	150.3(19)	149.4340	108.5814
2701	56.1175	141.2(19)	145.2724	108.5140
2702	56.1373	142.4(19)	142.4224	108.4475
2703	56.1575	138.3(19)	141.2603	108.3797
2704	56.1775	143.8(19)	141.4742	108.3126
2705	56.1976	143.6(19)	142.1133	108.2452
2706	56.2178	146.4(19)	142.1779	108.1774
2707	56.2376	144.1(19)	141.1540	108.1109
2708	56.2576	141.4(19)	139.1026	108.0438



2709	56.2775	137.6(19)	136.5383	107.9771
2710	56.2976	139.5(19)	134.0706	107.9096
2711	56.3176	135.8(18)	132.1423	107.8425
2712	56.3376	136.1(19)	130.8581	107.7754
2713	56.3575	137.5(19)	130.1038	107.7086
2714	56.3774	137.8(19)	129.7074	107.6418
2715	56.3975	132.7(18)	129.5808	107.5744
2716	56.4176	133.5(18)	129.8279	107.5069
2717	56.4376	130.8(18)	130.7864	107.4398
2718	56.4578	131.5(18)	132.9810	107.3720
2719	56.4775	133.6(18)	136.6552	107.3059
2720	56.4975	138.9(19)	142.0293	107.2388
2721	56.5176	143.0(19)	148.6736	107.1714
2722	56.5375	151.0(19)	155.5618	107.1046
2723	56.5575	158.5(20)	161.4264	107.0375
2724	56.5774	166(2)	164.8470	106.9707
2725	56.5975	173(2)	164.9401	106.9032
2726	56.6175	173(2)	161.5585	106.8361
2727	56.6377	163(2)	155.3784	106.7683
2728	56.6577	151.8(20)	147.9667	106.7090
2729	56.6779	144.2(19)	140.7799	106.6796
2730	56.6976	132.5(18)	135.2892	106.6510
2731	56.7176	129.3(18)	131.9275	106.6219
2732	56.7376	124.3(18)	130.9108	106.5928
2733	56.7576	124.6(18)	131.8475	106.5637
2734	56.7776	123.3(18)	133.9752	106.5346
2735	56.7977	126.1(18)	136.3225	106.5054
2736	56.8178	125.3(18)	137.8372	106.4761
2737	56.8378	125.9(18)	137.7165	106.4471
2738	56.8578	128.2(18)	135.7571	106.4180
2739	56.8776	125.6(18)	132.3992	106.3892
2740	56.8977	118.0(17)	128.2276	106.3599
2741	56.9177	117.2(17)	124.0036	106.3308
2742	56.9377	114.4(17)	120.2722	106.3017
2743	56.9577	115.3(17)	117.3992	106.2726
2744	56.9778	108.6(17)	115.5126	106.2434
2745	56.9976	109.4(17)	114.6354	106.2146
2746	57.0177	110.3(17)	114.6716	106.1854
2747	57.0377	113.8(17)	115.5761	106.1563
2748	57.0576	112.2(17)	117.2563	106.1273
2749	57.0775	115.7(17)	119.6127	106.0984
2750	57.0975	114.9(17)	122.4883	106.0693
2751	57.1178	118.6(17)	125.6733	106.0397
2752	57.1378	123.4(18)	128.7694	106.0107
2753	57.1578	126.6(18)	131.5015	105.9816
2754	57.1779	128.6(18)	133.5005	105.9523
2755	57.1978	134.2(18)	134.4578	105.9234
2756	57.2177	132.0(18)	134.1718	105.8944
2757	57.2377	132.4(18)	132.5652	105.8653
2758	57.2577	129.6(18)	129.8498	105.8362
2759	57.2776	125.0(18)	126.5199	105.8073
2760	57.2976	120.9(17)	123.0917	105.7782
2761	57.3176	121.2(17)	120.0323	105.7491
2762	57.3376	117.3(17)	117.6083	105.7200

2763	57.3578	112.1(17)	115.8788	105.6906
2764	57.3776	109.9(17)	114.8019	105.6618
2765	57.3976	108.9(17)	114.1851	105.6327
2766	57.4177	109.9(17)	113.8454	105.6035
2767	57.4377	107.3(17)	113.6362	105.5744
2768	57.4575	110.5(17)	113.4298	105.5456
2769	57.4776	107.5(16)	113.1641	105.5164
2770	57.4976	110.4(17)	112.8154	105.4873
2771	57.5177	111.2(17)	112.4256	105.4632
2772	57.5377	109.2(17)	112.1314	105.4596
2773	57.5577	111.3(17)	112.0924	105.4559
2774	57.5778	112.4(17)	112.5171	105.4522
2775	57.5978	115.7(17)	113.6474	105.4485
2776	57.6178	116.9(17)	115.7473	105.4448
2777	57.6378	117.0(17)	119.0569	105.4412
2778	57.6576	123.0(18)	123.6427	105.4375
2779	57.6775	127.3(18)	129.4305	105.4339
2780	57.6976	129.6(18)	135.9468	105.4302
2781	57.7176	133.3(18)	142.2046	105.4265
2782	57.7376	141.5(19)	147.0553	105.4228
2783	57.7576	147.2(19)	149.4066	105.4191
2784	57.7776	146.6(19)	148.7674	105.4155
2785	57.7976	145.4(19)	145.5452	105.4118
2786	57.8176	139.7(19)	140.7897	105.4081
2787	57.8375	134.8(18)	135.7664	105.4044
2788	57.8574	130.8(18)	131.4987	105.4008
2789	57.8775	127.5(18)	128.5672	105.3971
2790	57.8974	124.0(18)	127.1469	105.3934
2791	57.9174	125.9(18)	126.9283	105.3898
2792	57.9375	131.7(18)	127.3902	105.3861
2793	57.9575	129.6(18)	128.0664	105.3824
2794	57.9776	130.4(18)	128.7312	105.3787
2795	57.9975	129.6(18)	129.3754	105.3750
2796	58.0175	131.6(18)	130.1693	105.3714
2797	58.0375	131.1(18)	131.3651	105.3677
2798	58.0576	128.3(18)	133.2002	105.3640
2799	58.0776	132.3(18)	135.7524	105.3603
2800	58.0975	132.8(18)	138.8806	105.3567
2801	58.1174	141.1(19)	142.2209	105.3530
2802	58.1373	142.1(19)	145.1872	105.3493
2803	58.1573	147.9(19)	147.2125	105.3457
2804	58.1773	151.5(20)	147.7832	105.3420
2805	58.1974	151.2(20)	146.7052	105.3383
2806	58.2173	150.4(20)	144.1951	105.3346
2807	58.2374	147.9(19)	140.6431	105.3326
2808	58.2574	140.4(19)	136.6720	105.3345
2809	58.2774	137.4(19)	132.8006	105.3364
2810	58.2974	128.5(18)	129.4001	105.3383
2811	58.3173	128.2(18)	126.5935	105.3402
2812	58.3374	124.2(18)	124.2549	105.3421
2813	58.3573	123.3(18)	122.2743	105.3440
2814	58.3773	120.3(17)	120.5362	105.3459
2815	58.3975	121.8(18)	119.0889	105.3478
2816	58.4176	120.4(17)	118.0899	105.3498

2817	58.4378	118.3(17)	117.6747	105.3517
2818	58.4578	118.0(17)	117.9508	105.3536
2819	58.4778	118.9(17)	118.9395	105.3555
2820	58.4977	116.1(17)	120.5649	105.3574
2821	58.5176	120.0(17)	122.6632	105.3593
2822	58.5378	120.0(17)	125.0036	105.3612
2823	58.5576	120.9(17)	127.1630	105.3631
2824	58.5775	122.2(18)	128.8500	105.3650
2825	58.5975	125.6(18)	129.6859	105.3669
2826	58.6176	125.0(18)	129.4402	105.3688
2827	58.6376	120.8(18)	128.0865	105.3708
2828	58.6576	118.8(17)	125.9046	105.3727
2829	58.6775	120.5(17)	123.3558	105.3746
2830	58.6974	119.1(17)	120.8439	105.3765
2831	58.7174	119.1(17)	118.6359	105.3784
2832	58.7373	117.3(17)	116.9039	105.3803
2833	58.7573	113.7(17)	115.5721	105.3822
2834	58.7773	114.2(17)	114.5895	105.3841
2835	58.7975	111.9(17)	113.8493	105.3860
2836	58.8175	110.1(17)	113.2913	105.3879
2837	58.8375	107.2(16)	112.8589	105.3898
2838	58.8576	109.2(17)	112.5437	105.3917
2839	58.8776	109.3(17)	112.3863	105.3937
2840	58.8976	106.4(16)	112.4429	105.3956
2841	58.9178	106.8(17)	112.7513	105.3975
2842	58.9377	108.7(17)	113.2871	105.3994
2843	58.9578	109.3(17)	114.0152	105.4013
2844	58.9779	109.0(17)	114.8205	105.4032
2845	58.9979	111.6(17)	115.5663	105.4051
2846	59.0178	111.3(17)	116.1273	105.4070
2847	59.0378	113.9(17)	116.3716	105.4089
2848	59.0577	113.7(17)	116.2990	105.4108
2849	59.0775	117.0(17)	115.9686	105.4127
2850	59.0976	116.2(17)	115.5189	105.4146
2851	59.1176	113.9(17)	115.0967	105.4166
2852	59.1377	110.8(17)	114.8714	105.4185
2853	59.1577	113.4(17)	115.0055	105.4256
2854	59.1776	111.6(17)	115.6140	105.4530
2855	59.1976	112.3(17)	116.7233	105.4804
2856	59.2176	115.4(17)	118.3016	105.5079
2857	59.2375	118.9(17)	120.2252	105.5352
2858	59.2574	119.6(17)	122.3031	105.5626
2859	59.2773	119.6(17)	124.2438	105.5899
2860	59.2974	120.7(17)	125.7350	105.6175
2861	59.3175	125.7(18)	126.4318	105.6451
2862	59.3376	125.3(18)	126.2035	105.6727
2863	59.3575	125.6(18)	125.2043	105.7001
2864	59.3776	124.0(18)	123.7758	105.7277
2865	59.3976	120.7(17)	122.3604	105.7552
2866	59.4177	123.3(18)	121.3030	105.7828
2867	59.4375	122.6(18)	120.8581	105.8100
2868	59.4577	118.7(17)	121.1292	105.8377
2869	59.4776	119.8(17)	122.1157	105.8650
2870	59.4976	120.5(18)	123.7538	105.8925

2871	59.5175	122.0(18)	125.8700	105.9198
2872	59.5376	123.6(18)	128.2836	105.9475
2873	59.5577	128.2(18)	130.6670	105.9751
2874	59.5777	124.3(18)	132.6105	106.0025
2875	59.5977	131.0(18)	133.6865	106.0300
2876	59.6176	130.6(18)	133.5817	106.0573
2877	59.6376	126.8(18)	132.2495	106.0848
2878	59.6575	126.4(18)	129.9642	106.1122
2879	59.6777	129.3(18)	127.1082	106.1399
2880	59.6976	121.1(18)	124.2303	106.1672
2881	59.7175	121.4(18)	121.6972	106.1946
2882	59.7376	124.1(18)	119.8276	106.2222
2883	59.7576	123.1(18)	118.8979	106.2496
2884	59.7776	121.7(18)	119.0688	106.2771
2885	59.7977	120.0(17)	120.4799	106.3047
2886	59.8176	124.3(18)	123.1367	106.3321
2887	59.8376	123.9(18)	126.9553	106.3595
2888	59.8574	131.6(18)	131.5486	106.3867
2889	59.8775	136.9(19)	136.4697	106.4143
2890	59.8975	138.4(19)	140.9063	106.4418
2891	59.9175	145.4(19)	144.1952	106.4693
2892	59.9376	145.0(19)	145.9963	106.4969
2893	59.9576	146.4(19)	146.6367	106.5244
2894	59.9776	146.0(19)	146.9154	106.5518
2895	59.9975	147.5(19)	147.7660	106.5792
2896	60.0175	146.4(19)	149.7341	106.6066
2897	60.0375	152.8(20)	152.7477	106.6341
2898	60.0574	154.7(20)	156.0771	106.6614
2899	60.0774	157.4(20)	158.6180	106.6889
2900	60.0975	159(2)	159.0885	106.7165
2901	60.1175	155.1(20)	156.7556	106.7440
2902	60.1373	154.7(20)	151.8329	106.7672
2903	60.1574	149.5(19)	145.1773	106.7892
2904	60.1776	143.9(19)	138.0663	106.8114
2905	60.1976	130.7(18)	131.7633	106.8334
2906	60.2177	128.3(18)	127.0129	106.8555
2907	60.2376	122.5(18)	124.3625	106.8773
2908	60.2576	123.9(18)	123.9492	106.8993
2909	60.2776	123.9(18)	125.7490	106.9212
2910	60.2976	128.6(18)	129.5209	106.9432
2911	60.3177	128.3(18)	134.8217	106.9653
2912	60.3375	136.2(19)	140.8030	106.9870
2913	60.3574	145.7(19)	146.6062	107.0089
2914	60.3774	151.2(20)	151.0972	107.0309
2915	60.3975	154.2(20)	153.2047	107.0529
2916	60.4176	152.6(20)	152.3918	107.0750
2917	60.4376	150.9(20)	149.0425	107.0970
2918	60.4577	145.9(19)	144.1239	107.1191
2919	60.4775	141.5(19)	138.8474	107.1408
2920	60.4975	131.6(18)	133.9064	107.1628
2921	60.5176	129.9(18)	129.8254	107.1849
2922	60.5374	130.0(18)	126.7878	107.2066
2923	60.5575	125.4(18)	124.5867	107.2287
2924	60.5774	121.6(18)	123.0924	107.2505

2925	60.5975	123.3(18)	122.0959	107.2726
2926	60.6176	116.2(17)	121.4832	107.2947
2927	60.6376	120.6(18)	121.1863	107.3167
2928	60.6578	117.7(17)	121.1239	107.3389
2929	60.6778	118.2(17)	121.1955	107.3608
2930	60.6978	116.1(17)	121.2706	107.3828
2931	60.7175	117.8(17)	121.2238	107.4044
2932	60.7376	116.5(17)	120.9712	107.4265
2933	60.7576	116.3(17)	120.5230	107.4485
2934	60.7776	117.8(17)	119.9790	107.4704
2935	60.7978	114.8(17)	119.4730	107.4926
2936	60.8178	113.4(17)	119.1464	107.5146
2937	60.8378	110.7(17)	119.0788	107.5366
2938	60.8577	113.5(17)	119.2523	107.5584
2939	60.8776	116.6(17)	119.5529	107.5803
2940	60.8978	119.5(17)	119.8142	107.6025
2941	60.9178	118.9(17)	119.8639	107.6244
2942	60.9376	119.0(17)	119.6765	107.6462
2943	60.9577	116.3(17)	119.3059	107.6683
2944	60.9777	117.0(17)	118.9263	107.6902
2945	60.9977	119.1(17)	118.6647	107.7122
2946	61.0178	115.4(17)	118.6126	107.7343
2947	61.0376	118.0(17)	118.8134	107.7560
2948	61.0576	118.1(17)	119.2542	107.7780
2949	61.0775	119.4(18)	119.9547	107.7998
2950	61.0976	118.9(17)	120.9901	107.8219
2951	61.1177	119.0(17)	122.4307	107.8440
2952	61.1378	119.1(17)	124.2914	107.8661
2953	61.1578	121.4(18)	126.4858	107.8880
2954	61.1778	124.3(18)	128.8390	107.9061
2955	61.1978	123.7(18)	131.1065	107.9187
2956	61.2177	126.0(18)	133.0138	107.9312
2957	61.2378	131.8(18)	134.4013	107.9438
2958	61.2576	131.3(18)	135.2266	107.9562
2959	61.2776	134.0(18)	135.6795	107.9688
2960	61.2976	136.1(19)	136.0561	107.9813
2961	61.3176	132.8(18)	136.7732	107.9939
2962	61.3377	136.1(19)	138.1279	108.0065
2963	61.3578	138.5(19)	140.2465	108.0191
2964	61.3776	137.1(19)	142.9655	108.0315
2965	61.3978	140.5(19)	146.0256	108.0442
2966	61.4177	143.7(19)	148.7537	108.0567
2967	61.4376	146.1(19)	150.5246	108.0692
2968	61.4576	145.5(19)	150.8328	108.0817
2969	61.4776	148.0(19)	149.6097	108.0943
2970	61.4977	143.2(19)	147.3357	108.1069
2971	61.5177	142.6(19)	144.6076	108.1194
2972	61.5376	143.8(19)	141.9229	108.1319
2973	61.5578	139.6(19)	139.5121	108.1446
2974	61.5778	139.5(19)	137.5662	108.1572
2975	61.5978	135.0(19)	136.0145	108.1697
2976	61.6178	137.1(19)	134.6923	108.1823
2977	61.6377	127.5(18)	133.4374	108.1947
2978	61.6576	131.9(18)	132.1999	108.2072

2979	61.6775	129.4(18)	131.0317	108.2197
2980	61.6977	127.6(18)	129.9685	108.2324
2981	61.7176	124.9(18)	129.0399	108.2449
2982	61.7376	124.6(18)	128.1731	108.2574
2983	61.7576	123.1(18)	127.2969	108.2700
2984	61.7776	119.6(17)	126.3649	108.2825
2985	61.7977	123.5(18)	125.3860	108.2952
2986	61.8176	122.2(18)	124.5429	108.3076
2987	61.8375	120.6(18)	123.9497	108.3201
2988	61.8574	121.9(18)	123.7137	108.3326
2989	61.8775	120.2(17)	123.8731	108.3452
2990	61.8975	120.5(18)	124.3564	108.3578
2991	61.9174	119.5(17)	125.0278	108.3703
2992	61.9375	118.2(17)	125.7362	108.3829
2993	61.9575	119.7(17)	126.2849	108.3954
2994	61.9776	118.8(17)	126.4610	108.4080
2995	61.9976	121.1(18)	126.0621	108.4206
2996	62.0175	120.5(18)	125.0392	108.4331
2997	62.0375	120.1(18)	123.5309	108.4456
2998	62.0576	118.3(17)	121.7993	108.4583
2999	62.0776	117.0(17)	120.1294	108.4708
3000	62.0975	116.0(17)	118.7194	108.4833
3001	62.1175	112.2(17)	117.6677	108.4844
3002	62.1373	118.5(17)	117.0480	108.4762
3003	62.1573	116.0(17)	116.8639	108.4678
3004	62.1773	116.8(17)	117.0993	108.4594
3005	62.1974	113.6(17)	117.7129	108.4510
3006	62.2174	115.0(17)	118.6411	108.4427
3007	62.2374	118.8(17)	119.8140	108.4343
3008	62.2574	121.7(18)	121.1502	108.4260
3009	62.2774	123.4(18)	122.5689	108.4176
3010	62.2974	123.6(18)	124.0113	108.4092
3011	62.3174	121.0(18)	125.4668	108.4009
3012	62.3374	126.8(18)	126.9985	108.3925
3013	62.3573	126.7(18)	128.7091	108.3842
3014	62.3774	128.4(18)	130.7122	108.3758
3015	62.3975	133.7(18)	132.9911	108.3674
3016	62.4177	131.4(18)	135.4207	108.3590
3017	62.4377	136.8(19)	137.6703	108.3506
3018	62.4578	134.1(19)	139.3729	108.3422
3019	62.4778	137.0(19)	140.1108	108.3338
3020	62.4976	137.7(19)	139.6670	108.3256
3021	62.5178	141.7(19)	138.0537	108.3171
3022	62.5376	137.5(19)	135.6316	108.3088
3023	62.5576	136.5(19)	132.7456	108.3005
3024	62.5774	127.4(18)	129.8342	108.2922
3025	62.5975	129.8(18)	127.1163	108.2838
3026	62.6176	124.7(18)	124.8474	108.2754
3027	62.6376	122.8(18)	123.1171	108.2670
3028	62.6575	120.5(18)	121.9497	108.2587
3029	62.6775	120.5(18)	121.3016	108.2504
3030	62.6975	114.7(17)	121.1168	108.2420
3031	62.7173	120.9(18)	121.2670	108.2337
3032	62.7373	119.4(17)	121.5731	108.2254

3033	62.7573	119.2(18)	121.8242	108.2170
3034	62.7774	118.5(17)	121.8017	108.2086
3035	62.7975	118.9(17)	121.3559	108.2002
3036	62.8175	120.5(17)	120.4806	108.1918
3037	62.8375	117.6(17)	119.3065	108.1835
3038	62.8576	115.7(17)	118.0423	108.1751
3039	62.8776	113.8(17)	116.9299	108.1667
3040	62.8977	114.4(17)	116.1508	108.1583
3041	62.9177	113.2(17)	115.8297	108.1500
3042	62.9377	114.8(17)	115.9954	108.1416
3043	62.9579	115.8(17)	116.6025	108.1332
3044	62.9778	116.6(17)	117.5688	108.1248
3045	62.9979	117.5(17)	118.7711	108.1164
3046	63.0179	118.4(17)	120.0470	108.1081
3047	63.0378	119.8(17)	121.2330	108.0998
3048	63.0576	120.8(18)	122.1486	108.0915
3049	63.0775	122.3(18)	122.6533	108.0832
3050	63.0976	120.5(18)	122.6761	108.0748
3051	63.1178	117.9(17)	122.2958	108.0593
3052	63.1376	118.3(17)	121.6701	108.0387
3053	63.1577	120.6(18)	120.9217	108.0178
3054	63.1778	119.8(18)	120.1406	107.9968
3055	63.1976	121.8(18)	119.3491	107.9762
3056	63.2176	118.7(17)	118.5065	107.9553
3057	63.2375	117.3(17)	117.5989	107.9346
3058	63.2573	116.3(17)	116.6616	107.9140
3059	63.2774	115.6(17)	115.7362	107.8930
3060	63.2975	115.2(17)	114.9229	107.8721
3061	63.3175	112.8(17)	114.2843	107.8512
3062	63.3375	111.2(17)	113.8440	107.8304
3063	63.3575	113.8(17)	113.5889	107.8095
3064	63.3776	113.3(17)	113.4803	107.7886
3065	63.3978	112.2(17)	113.4827	107.7675
3066	63.4176	112.7(17)	113.5612	107.7469
3067	63.4376	114.2(17)	113.7070	107.7261
3068	63.4576	111.0(17)	113.9048	107.7052
3069	63.4776	112.6(17)	114.1343	107.6844
3070	63.4976	110.2(17)	114.3869	107.6635
3071	63.5176	111.2(17)	114.6692	107.6427
3072	63.5375	110.1(17)	115.0000	107.6220
3073	63.5577	110.9(17)	115.4843	107.6009
3074	63.5778	113.0(17)	116.1655	107.5800
3075	63.5976	113.3(17)	117.0945	107.5593
3076	63.6176	110.7(17)	118.3147	107.5385
3077	63.6376	108.2(17)	119.7984	107.5177
3078	63.6576	115.3(17)	121.4720	107.4968
3079	63.6775	117.4(17)	123.1908	107.4761
3080	63.6976	121.2(18)	124.7798	107.4551
3081	63.7176	120.6(18)	126.0025	107.4796
3082	63.7376	125.3(18)	126.5863	107.5120
3083	63.7575	123.4(18)	126.3730	107.5443
3084	63.7778	118.1(17)	125.3940	107.5772
3085	63.7976	123.4(18)	123.9564	107.6093
3086	63.8176	118.5(17)	122.3985	107.6417

3087	63.8376	115.9(17)	121.0946	107.6742
3088	63.8574	115.8(17)	120.2831	107.7063
3089	63.8774	118.1(17)	120.0320	107.7387
3090	63.8975	116.9(17)	120.2903	107.7713
3091	63.9176	116.9(17)	120.8839	107.8039
3092	63.9375	117.4(17)	121.6021	107.8362
3093	63.9576	122.4(18)	122.2893	107.8687
3094	63.9776	122.7(18)	122.8349	107.9012
3095	63.9976	120.4(18)	123.2262	107.9336
3096	64.0175	120.7(18)	123.5075	107.9659
3097	64.0374	120.9(18)	123.7686	107.9982
3098	64.0574	118.7(17)	124.0759	108.0306
3099	64.0775	120.4(18)	124.4117	108.0632
3100	64.0975	121.9(18)	124.6649	108.0956
3101	64.1175	123.3(18)	124.6876	108.1280
3102	64.1373	121.2(18)	124.3442	108.1601
3103	64.1575	127.1(18)	123.5643	108.1929
3104	64.1775	125.3(18)	122.4363	108.2253
3105	64.1977	122.5(18)	121.1105	108.2581
3106	64.2177	118.7(17)	119.8151	108.2905
3107	64.2376	119.6(17)	118.7461	108.3228
3108	64.2576	120.8(18)	118.0764	108.3552
3109	64.2776	118.1(17)	117.9843	108.3876
3110	64.2976	115.7(17)	118.5745	108.4201
3111	64.3176	117.5(17)	119.8896	108.4525
3112	64.3375	120.2(18)	121.8764	108.4848
3113	64.3575	117.2(17)	124.4147	108.5172
3114	64.3774	123.8(18)	127.2573	108.5495
3115	64.3975	126.7(18)	130.1721	108.5821
3116	64.4175	127.7(18)	132.8481	108.6145
3117	64.4376	133.7(18)	135.0568	108.6471
3118	64.4578	133.3(18)	136.6367	108.6799
3119	64.4776	134.4(19)	137.4747	108.7120
3120	64.4975	129.3(18)	137.6302	108.7442
3121	64.5175	130.0(18)	137.2523	108.7767
3122	64.5374	131.0(18)	136.6353	108.8089
3123	64.5575	130.9(18)	136.0808	108.8415
3124	64.5775	131.0(18)	135.7782	108.8740
3125	64.5975	135.3(19)	135.7052	108.9064
3126	64.6176	135.2(19)	135.6413	108.9390
3127	64.6376	133.2(18)	135.2564	108.9714
3128	64.6578	131.5(18)	134.2588	109.0042
3129	64.6778	135.4(19)	132.5776	109.0366
3130	64.6978	132.7(18)	130.3791	109.0690
3131	64.7176	127.3(18)	128.0193	109.1011
3132	64.7375	124.0(18)	125.8046	109.1334
3133	64.7576	120.9(18)	124.0068	109.1660
3134	64.7776	122.7(18)	122.8215	109.1984
3135	64.7978	120.1(18)	122.2861	109.2292
3136	64.8178	120.2(18)	122.3446	109.2490
3137	64.8377	116.9(17)	122.8921	109.2687
3138	64.8577	118.6(17)	123.8492	109.2886
3139	64.8777	120.7(18)	125.1844	109.3084
3140	64.8976	120.3(18)	126.9770	109.3281



3141	64.9178	123.2(18)	129.3790	109.3482
3142	64.9376	123.9(18)	132.3317	109.3678
3143	64.9577	128.9(18)	135.7863	109.3877
3144	64.9777	131.8(18)	139.3339	109.4076
3145	64.9978	137.4(19)	142.5002	109.4275
3146	65.0178	145.6(19)	144.7067	109.4473
3147	65.0376	145.4(19)	145.5489	109.4670
3148	65.0575	145.4(19)	144.9439	109.4867
3149	65.0775	148.7(20)	143.1231	109.5066
3150	65.0976	144.4(19)	140.5470	109.5265
3151	65.1178	141.1(19)	137.6985	109.5465
3152	65.1378	135.1(19)	134.9863	109.5664
3153	65.1578	134.3(19)	132.5900	109.5862
3154	65.1779	134.7(19)	130.6082	109.6061
3155	65.1978	129.0(18)	129.0613	109.6259
3156	65.2178	129.0(18)	127.8918	109.6457
3157	65.2376	128.3(18)	127.0790	109.6653
3158	65.2577	125.1(18)	126.5358	109.6853
3159	65.2775	128.3(18)	126.1556	109.7049
3160	65.2976	126.1(18)	125.7675	109.7248
3161	65.3176	125.3(18)	125.2387	109.7447
3162	65.3378	124.4(18)	124.5174	109.7647
3163	65.3577	126.4(18)	123.7169	109.7844
3164	65.3777	125.0(18)	123.0012	109.8043
3165	65.3976	118.7(17)	122.5715	109.8240
3166	65.4178	121.5(18)	122.5754	109.8440
3167	65.4376	119.2(17)	123.0800	109.8637
3168	65.4576	119.0(18)	124.0531	109.8835
3169	65.4776	121.5(18)	125.3314	109.9033
3170	65.4976	121.4(18)	126.6564	109.9232
3171	65.5178	122.3(18)	127.7124	109.9432
3172	65.5376	127.3(18)	128.1760	109.9628
3173	65.5578	126.0(18)	127.9036	109.9829
3174	65.5779	125.6(18)	126.9204	110.0028
3175	65.5978	123.5(18)	125.4589	110.0225
3176	65.6178	123.5(18)	123.7917	110.0424
3177	65.6377	121.7(18)	122.2191	110.0621
3178	65.6576	122.1(18)	120.8896	110.0393
3179	65.6776	119.0(17)	119.9886	110.0143
3180	65.6976	119.8(18)	119.5684	109.9893
3181	65.7176	115.7(17)	119.6313	109.9643
3182	65.7376	118.3(17)	120.1753	109.9394
3183	65.7576	118.9(17)	121.2465	109.9144
3184	65.7776	118.2(17)	122.9624	109.8894
3185	65.7977	122.1(18)	125.5186	109.8643
3186	65.8176	124.3(18)	129.0612	109.8394
3187	65.8376	130.9(18)	133.7397	109.8145
3188	65.8574	131.9(18)	139.3597	109.7897
3189	65.8774	141.0(19)	145.5704	109.7648
3190	65.8975	149.5(20)	151.5681	109.7397
3191	65.9174	161(2)	156.3112	109.7148
3192	65.9375	164(2)	159.0461	109.6897
3193	65.9575	168(2)	159.2747	109.6647
3194	65.9776	164(2)	157.0869	109.6396

3195	65.9975	159(2)	153.0419	109.6148
3196	66.0175	152.5(20)	147.8429	109.5898
3197	66.0375	144.4(19)	142.3075	109.5648
3198	66.0576	138.9(19)	137.0998	109.5397
3199	66.0776	130.7(18)	132.7378	109.5147
3200	66.0975	129.1(18)	129.3795	109.4899
3201	66.1175	124.6(18)	126.9875	109.4649
3202	66.1374	123.7(18)	125.4437	109.4401
3203	66.1572	122.7(18)	124.5439	109.4153
3204	66.1773	121.4(18)	124.0405	109.3902
3205	66.1973	124.4(18)	123.7090	109.3652
3206	66.2174	119.8(18)	123.3548	109.3401
3207	66.2374	120.3(18)	122.8808	109.3152
3208	66.2574	120.8(18)	122.2883	109.2902
3209	66.2774	118.6(17)	121.6633	109.2652
3210	66.2974	120.2(18)	121.1511	109.2402
3211	66.3174	114.7(17)	120.9125	109.2152
3212	66.3374	118.3(17)	121.0603	109.1903
3213	66.3574	118.9(17)	121.6455	109.1653
3214	66.3774	117.0(17)	122.6023	109.1403
3215	66.3976	122.8(18)	123.7994	109.1151
3216	66.4176	122.2(18)	125.0142	109.0901
3217	66.4378	121.9(18)	126.0807	109.0649
3218	66.4578	122.6(18)	126.8416	109.0399
3219	66.4778	122.9(18)	127.2764	109.0149
3220	66.4978	124.7(18)	127.4468	108.9900
3221	66.5177	121.9(18)	127.4791	108.9651
3222	66.5377	125.2(18)	127.5091	108.9401
3223	66.5575	129.0(18)	127.5963	108.9154
3224	66.5775	127.8(18)	127.7008	108.8904
3225	66.5976	127.3(18)	127.6841	108.8653
3226	66.6176	128.3(18)	127.3822	108.8403
3227	66.6376	129.0(18)	126.6881	108.8154
3228	66.6575	129.1(18)	125.6042	108.7905
3229	66.6775	129.3(18)	124.2274	108.7655
3230	66.6975	123.6(18)	122.7127	108.7405
3231	66.7174	123.4(18)	121.2305	108.7157
3232	66.7374	123.3(18)	119.9167	108.6907
3233	66.7573	117.9(17)	118.8867	108.6659
3234	66.7774	113.7(17)	118.2069	108.6657
3235	66.7974	111.4(17)	117.8625	108.6769
3236	66.8176	111.8(17)	117.7537	108.6882
3237	66.8375	118.5(17)	117.7728	108.6993
3238	66.8576	116.4(17)	117.8014	108.7105
3239	66.8776	116.3(17)	117.7683	108.7217
3240	66.8977	115.3(17)	117.6705	108.7329
3241	66.9178	111.5(17)	117.5735	108.7441
3242	66.9377	111.3(17)	117.5638	108.7553
3243	66.9578	112.8(17)	117.7569	108.7665
3244	66.9778	115.4(17)	118.2245	108.7777
3245	66.9978	112.5(17)	118.9673	108.7888
3246	67.0179	114.6(17)	119.9119	108.8001
3247	67.0379	116.8(17)	120.9016	108.8112
3248	67.0576	122.9(18)	121.7442	108.8223

3249	67.0775	118.1(17)	122.3034	108.8334
3250	67.0977	123.0(18)	122.4467	108.8447
3251	67.1177	122.5(18)	122.1338	108.8558
3252	67.1376	121.7(18)	121.4277	108.8669
3253	67.1578	119.5(17)	120.4489	108.8782
3254	67.1776	118.9(18)	119.3666	108.8893
3255	67.1976	118.5(17)	118.2770	108.9005
3256	67.2176	117.3(17)	117.2818	108.9116
3257	67.2375	119.4(18)	116.4525	108.9228
3258	67.2573	114.7(17)	115.8223	108.9338
3259	67.2774	114.3(17)	115.4096	108.9451
3260	67.2975	114.8(17)	115.2500	108.9563
3261	67.3175	114.1(17)	115.3880	108.9675
3262	67.3375	112.2(17)	115.8753	108.9786
3263	67.3575	111.2(17)	116.7729	108.9898
3264	67.3777	110.0(17)	118.1407	109.0011
3265	67.3975	115.0(17)	119.9500	109.0122
3266	67.4178	118.2(17)	122.2032	109.0235
3267	67.4376	119.8(18)	124.6948	109.0346
3268	67.4576	121.3(18)	127.3256	109.0457
3269	67.4776	128.7(18)	129.8494	109.0569
3270	67.4976	128.7(18)	132.0278	109.0681
3271	67.5176	133.9(19)	133.6507	109.0792
3272	67.5375	131.7(18)	134.5621	109.0904
3273	67.5578	131.7(18)	134.6891	109.1017
3274	67.5777	135.7(19)	134.0247	109.1128
3275	67.5976	136.8(19)	132.6478	109.1239
3276	67.6176	132.8(19)	130.6989	109.1351
3277	67.6376	130.9(18)	128.4955	109.1463
3278	67.6576	121.6(18)	126.4002	109.1575
3279	67.6776	124.5(18)	124.7862	109.1686
3280	67.6975	122.4(18)	123.9622	109.1798
3281	67.7176	118.1(17)	124.1003	109.1910
3282	67.7376	121.8(18)	125.2222	109.2022
3283	67.7575	121.1(18)	127.1490	109.2133
3284	67.7777	126.7(18)	129.5998	109.2246
3285	67.7977	129.3(18)	132.0809	109.2349
3286	67.8176	130.8(18)	134.1537	109.2406
3287	67.8375	139.0(19)	135.4878	109.2462
3288	67.8574	142.8(19)	135.9051	109.2519
3289	67.8775	142.8(19)	135.4215	109.2577
3290	67.8975	141.1(19)	134.2306	109.2634
3291	67.9176	137.7(19)	132.6151	109.2691
3292	67.9375	133.4(18)	130.9370	109.2748
3293	67.9575	130.8(18)	129.4535	109.2805
3294	67.9776	127.6(18)	128.3530	109.2862
3295	67.9976	127.5(18)	127.7088	109.2919
3296	68.0175	124.3(18)	127.4616	109.2976
3297	68.0374	123.7(18)	127.4761	109.3033
3298	68.0574	130.4(18)	127.5865	109.3090
3299	68.0774	126.9(18)	127.6358	109.3147
3300	68.0975	123.3(18)	127.5410	109.3204
3301	68.1174	123.0(18)	127.2926	109.3261
3302	68.1373	123.3(18)	126.9597	109.3318

3303	68.1575	122.0(18)	126.5798	109.3375
3304	68.1775	124.3(18)	126.1855	109.3432
3305	68.1976	123.9(18)	125.7702	109.3490
3306	68.2177	124.1(18)	125.3305	109.3547
3307	68.2375	121.7(18)	124.8978	109.3604
3308	68.2576	121.6(18)	124.5388	109.3661
3309	68.2776	122.4(18)	124.3905	109.3718
3310	68.2976	123.9(18)	124.5856	109.3775
3311	68.3176	121.9(18)	125.2442	109.3832
3312	68.3375	119.0(18)	126.3765	109.3889
3313	68.3574	120.7(18)	127.9097	109.3946
3314	68.3774	121.9(18)	129.6512	109.4003
3315	68.3975	126.0(18)	131.3021	109.4060
3316	68.4175	128.9(18)	132.5015	109.4117
3317	68.4376	129.7(18)	132.9840	109.4175
3318	68.4577	135.8(19)	132.6668	109.4232
3319	68.4776	132.9(18)	131.6855	109.4289
3320	68.4975	130.1(18)	130.2775	109.4345
3321	68.5175	129.7(18)	128.6802	109.4403
3322	68.5374	128.4(18)	127.1193	109.4459
3323	68.5575	125.6(18)	125.7209	109.4517
3324	68.5775	126.7(18)	124.5952	109.4574
3325	68.5974	126.8(18)	123.7792	109.4631
3326	68.6175	125.4(18)	123.2863	109.4688
3327	68.6376	122.2(18)	123.1305	109.4745
3328	68.6578	120.0(18)	123.3098	109.4803
3329	68.6778	122.9(18)	123.8260	109.4860
3330	68.6976	120.7(18)	124.7111	109.4916
3331	68.7176	125.6(18)	126.0411	109.4973
3332	68.7375	124.5(18)	127.8357	109.5030
3333	68.7576	130.9(18)	130.1111	109.5088
3334	68.7777	128.1(18)	132.7823	109.5145
3335	68.7978	135.5(19)	135.7561	109.5202
3336	68.8177	135.1(19)	138.9035	109.5259
3337	68.8378	138.2(19)	142.1873	109.5316
3338	68.8576	146.2(19)	145.3615	109.5340
3339	68.8777	148.4(20)	148.1553	109.4741
3340	68.8978	153.3(20)	150.1341	109.4142
3341	68.9177	157(2)	150.7789	109.3549
3342	68.9376	163(2)	149.7551	109.2955
3343	68.9577	164(2)	146.9807	109.2356
3344	68.9777	156(2)	142.8250	109.1760
3345	68.9978	151.6(20)	137.8146	109.1161
3346	69.0177	142.7(19)	132.6117	109.0567
3347	69.0376	132.2(18)	127.6731	108.9974
3348	69.0576	127.4(18)	123.3323	108.9378
3349	69.0775	121.4(18)	119.8244	108.8784
3350	69.0976	116.9(17)	117.1501	108.8185
3351	69.1178	115.7(17)	115.2844	108.7583
3352	69.1378	114.1(17)	114.1429	108.6987
3353	69.1578	111.8(17)	113.5941	108.6390
3354	69.1779	112.1(17)	113.5592	108.5791
3355	69.1978	113.5(17)	113.9664	108.5198
3356	69.2177	113.8(17)	114.7523	108.4605

3357	69.2377	114.6(17)	115.8760	108.4008
3358	69.2576	121.2(18)	117.2742	108.3415
3359	69.2776	118.4(17)	118.9063	108.2819
3360	69.2976	117.4(17)	120.6948	108.2223
3361	69.3177	121.5(18)	122.5476	108.1623
3362	69.3376	121.3(18)	124.2997	108.1030
3363	69.3577	127.9(18)	125.8163	108.0431
3364	69.3777	127.7(18)	126.8881	107.9835
3365	69.3978	131.9(19)	127.3778	107.9235
3366	69.4177	131.9(18)	127.2169	107.8642
3367	69.4377	129.3(18)	126.4244	107.8046
3368	69.4577	128.6(18)	125.0840	107.7450
3369	69.4776	124.0(18)	123.3580	107.6856
3370	69.4976	125.0(18)	121.4528	107.6260
3371	69.5176	117.8(17)	119.6182	107.5664
3372	69.5377	119.6(18)	118.0580	107.5064
3373	69.5578	119.9(18)	116.9268	107.4465
3374	69.5779	113.0(17)	116.3105	107.3866
3375	69.5979	112.3(17)	116.2352	107.3270
3376	69.6178	114.5(17)	116.6875	107.2676
3377	69.6376	119.5(18)	117.6174	107.2086
3378	69.6576	114.8(17)	118.9769	107.1490
3379	69.6776	117.2(17)	120.6586	107.0894
3380	69.6976	120.0(18)	122.5327	107.0298
3381	69.7176	127.4(18)	124.4494	106.9701
3382	69.7375	127.8(18)	126.2493	106.9108
3383	69.7577	132.1(19)	127.8369	106.8506
3384	69.7776	135.9(19)	129.0715	106.7912
3385	69.7977	134.8(19)	129.9302	106.7313
3386	69.8176	135.2(19)	130.3619	106.6720
3387	69.8375	132.9(19)	130.3347	106.6127
3388	69.8575	132.3(18)	129.8021	106.5530
3389	69.8774	129.3(18)	128.7577	106.4937
3390	69.8975	126.3(18)	127.2594	106.4338
3391	69.9174	125.0(18)	125.5004	106.3745
3392	69.9375	121.4(18)	123.6417	106.3145
3393	69.9576	118.3(18)	121.8638	106.2546
3394	69.9776	118.9(18)	120.3018	106.1950
3395	69.9975	113.9(17)	119.0083	106.1357
3396	70.0175	114.8(17)	117.9722	106.0760
3397	70.0376	114.8(17)	117.1528	106.0161
3398	70.0576	112.5(17)	116.4879	105.9565
3399	70.0776	110.4(17)	115.9165	105.8968
3400	70.0976	109.1(17)	115.3963	105.8372
3401	70.1175	111.7(17)	114.8979	105.7779
3402	70.1374	107.6(17)	114.3955	105.7186
3403	70.1573	113.4(17)	113.8170	105.5954
3404	70.1773	108.8(17)	113.2416	105.4674
3405	70.1974	110.7(17)	112.7008	105.3388
3406	70.2174	111.9(17)	112.2293	105.2108
3407	70.2374	108.1(17)	111.8550	105.0829
3408	70.2573	110.0(17)	111.5992	104.9556
3409	70.2774	108.2(17)	111.4620	104.8270
3410	70.2974	108.3(17)	111.4352	104.6990

3411	70.3174	109.2(17)	111.4949	104.5711
3412	70.3374	107.2(17)	111.6190	104.4431
3413	70.3574	108.7(17)	111.7973	104.3151
3414	70.3774	112.1(17)	112.0526	104.1872
3415	70.3976	108.6(17)	112.4294	104.0580
3416	70.4177	112.5(17)	112.9685	103.9294
3417	70.4377	112.7(17)	113.7047	103.8014
3418	70.4579	107.3(17)	114.6552	103.6722
3419	70.4778	110.7(17)	115.8261	103.5449
3420	70.4978	114.1(17)	117.1938	103.4169
3421	70.5177	113.0(17)	118.6887	103.2896
3422	70.5377	112.3(17)	120.2383	103.1616
3423	70.5576	115.5(17)	121.7334	103.0343
3424	70.5775	114.5(17)	123.0877	102.9070
3425	70.5976	114.7(17)	124.2202	102.7784
3426	70.6177	118.0(17)	125.0227	102.6498
3427	70.6376	119.1(18)	125.4185	102.5225
3428	70.6575	120.8(18)	125.3711	102.3952
3429	70.6776	121.4(18)	124.8641	102.2666
3430	70.6975	119.1(18)	123.9594	102.1393
3431	70.7174	118.0(17)	122.7784	102.0120
3432	70.7373	121.8(18)	121.5136	101.8847
3433	70.7573	116.0(17)	120.3686	101.7567
3434	70.7774	115.0(17)	119.5045	101.6281
3435	70.7975	117.5(17)	118.9861	101.4995
3436	70.8175	116.1(17)	118.7552	101.3716
3437	70.8375	114.2(17)	118.6669	101.2436
3438	70.8576	113.6(17)	118.5459	101.1150
3439	70.8777	116.7(17)	118.2539	100.9864
3440	70.8977	115.0(17)	117.7396	100.8585
3441	70.9178	113.5(17)	117.0102	100.7299
3442	70.9377	116.5(17)	116.1332	100.6025
3443	70.9579	112.5(17)	115.1918	100.5050
3444	70.9778	118.1(17)	114.3108	100.4640
3445	70.9978	114.5(17)	113.4789	100.4228
3446	71.0179	113.8(17)	112.7550	100.3814
3447	71.0379	114.9(17)	112.1674	100.3402
3448	71.0576	110.9(17)	111.7137	100.2996
3449	71.0776	111.3(17)	111.3651	100.2584
3450	71.0977	109.2(17)	111.1057	100.2170
3451	71.1177	112.2(17)	110.9227	100.1758
3452	71.1377	110.9(17)	110.7978	100.1346
3453	71.1578	109.9(17)	110.7108	100.0932
3454	71.1777	108.6(17)	110.6456	100.0522
3455	71.1977	110.7(17)	110.5822	100.0110
3456	71.2176	108.6(17)	110.5023	99.9700
3457	71.2376	105.4(17)	110.3747	99.9288
3458	71.2573	110.9(17)	110.1676	99.8883
3459	71.2774	108.2(17)	109.8540	99.8469
3460	71.2975	105.8(17)	109.4282	99.8055
3461	71.3175	102.9(16)	108.9105	99.7643
3462	71.3375	111.3(17)	108.3119	99.7231
3463	71.3576	105.6(17)	107.6540	99.6817
3464	71.3776	103.1(16)	106.9734	99.6405

3465	71.3978	106.2(17)	106.3058	99.5989
3466	71.4178	102.6(16)	105.7139	99.5577
3467	71.4376	105.2(16)	105.2381	99.5169
3468	71.4576	105.5(17)	104.9230	99.4757
3469	71.4776	103.7(16)	104.7931	99.4345
3470	71.4976	99.5(16)	104.8616	99.3933
3471	71.5176	96.9(16)	105.1171	99.3521
3472	71.5376	99.6(16)	105.5391	99.3109
3473	71.5577	99.8(16)	106.0962	99.2695
3474	71.5778	104.2(16)	106.7428	99.2281
3475	71.5977	104.9(16)	107.4209	99.1871
3476	71.6176	105.7(17)	108.0889	99.1461
3477	71.6376	102.7(16)	108.6999	99.1049
3478	71.6576	105.4(16)	109.2150	99.0637
3479	71.6775	110.3(17)	109.6293	99.0227
3480	71.6976	107.9(17)	109.9679	98.9813
3481	71.7176	106.8(17)	110.2574	98.9401
3482	71.7376	107.8(17)	110.5114	98.8989
3483	71.7576	110.2(17)	110.7392	98.8577
3484	71.7777	110.4(17)	110.9281	98.8163
3485	71.7976	109.8(17)	111.0444	98.7753
3486	71.8177	113.5(17)	111.0556	98.7339
3487	71.8375	109.5(17)	110.9402	98.6932
3488	71.8575	110.1(17)	110.7028	98.6519
3489	71.8775	110.4(17)	110.3604	98.6108
3490	71.8975	109.1(17)	109.9359	98.5696
3491	71.9175	108.1(17)	109.4989	98.5572
3492	71.9376	110.7(17)	109.0751	98.5575
3493	71.9576	111.3(17)	108.7029	98.5579
3494	71.9776	107.4(17)	108.4213	98.5582
3495	71.9976	109.2(17)	108.2539	98.5585
3496	72.0175	107.1(17)	108.1935	98.5588
3497	72.0375	106.5(17)	108.2089	98.5592
3498	72.0574	107.4(17)	108.2556	98.5595
3499	72.0774	105.7(17)	108.2921	98.5598
3500	72.0975	104.3(16)	108.2876	98.5602
3501	72.1175	106.3(17)	108.2378	98.5605
3502	72.1374	104.3(16)	108.1664	98.5608
3503	72.1574	108.6(17)	108.1062	98.5611
3504	72.1776	108.5(17)	108.0852	98.5614
3505	72.1976	108.6(17)	108.0993	98.5618
3506	72.2178	106.9(17)	108.1144	98.5621
3507	72.2376	104.5(16)	108.0823	98.5624
3508	72.2576	108.4(17)	107.9588	98.5628
3509	72.2776	108.0(17)	107.7317	98.5631
3510	72.2976	109.1(17)	107.4424	98.5634
3511	72.3176	108.1(17)	107.1440	98.5637
3512	72.3376	106.2(17)	106.9354	98.5640
3513	72.3574	102.5(16)	106.8805	98.5644
3514	72.3774	106.1(17)	107.0280	98.5647
3515	72.3975	107.9(17)	107.3891	98.5650
3516	72.4176	105.7(17)	107.9171	98.5653
3517	72.4376	104.9(16)	108.5092	98.5657
3518	72.4576	107.6(17)	109.0337	98.5660

3519	72.4776	110.8(17)	109.3557	98.5663
3520	72.4975	111.4(17)	109.3810	98.5666
3521	72.5176	107.8(17)	109.0808	98.5670
3522	72.5374	109.4(17)	108.5223	98.5673
3523	72.5574	109.6(17)	107.7926	98.5676
3524	72.5775	105.4(17)	107.0227	98.5679
3525	72.5975	103.8(16)	106.3498	98.5683
3526	72.6175	106.2(17)	105.8605	98.5686
3527	72.6376	107.6(17)	105.5977	98.5689
3528	72.6578	109.2(17)	105.5552	98.5693
3529	72.6778	105.2(17)	105.6830	98.5696
3530	72.6978	104.4(17)	105.9058	98.5699
3531	72.7175	106.5(17)	106.1525	98.5702
3532	72.7376	105.2(17)	106.3798	98.5705
3533	72.7576	105.0(17)	106.5606	98.5709
3534	72.7776	104.4(16)	106.7019	98.5712
3535	72.7978	108.1(17)	106.8175	98.5715
3536	72.8178	106.3(17)	106.9185	98.5718
3537	72.8378	104.0(16)	107.0059	98.5722
3538	72.8577	107.1(17)	107.0757	98.5725
3539	72.8777	106.0(17)	107.1460	98.5728
3540	72.8977	108.5(17)	107.2346	98.5577
3541	72.9178	104.4(16)	107.3691	98.5240
3542	72.9376	102.1(16)	107.6011	98.4907
3543	72.9577	106.4(17)	107.9347	98.4570
3544	72.9778	107.1(17)	108.3366	98.4232
3545	72.9976	108.0(17)	108.7454	98.3900
3546	73.0178	107.7(17)	109.1203	98.3561
3547	73.0376	109.8(17)	109.3939	98.3228
3548	73.0576	107.8(17)	109.5475	98.2893
3549	73.0774	109.1(17)	109.5793	98.2560
3550	73.0976	110.0(17)	109.5069	98.2221
3551	73.1178	112.8(17)	109.3838	98.1882
3552	73.1378	112.7(17)	109.2814	98.1546
3553	73.1578	105.8(17)	109.2729	98.1210
3554	73.1778	107.3(17)	109.4234	98.0874
3555	73.1978	105.5(17)	109.7783	98.0539
3556	73.2176	105.2(17)	110.3453	98.0206
3557	73.2378	107.1(17)	111.1196	97.9867
3558	73.2576	109.7(17)	112.0079	97.9535
3559	73.2775	110.6(17)	112.9359	97.9201
3560	73.2976	112.1(17)	113.8106	97.8863
3561	73.3176	111.8(17)	114.5488	97.8527
3562	73.3376	115.4(17)	115.1323	97.8192
3563	73.3578	114.6(17)	115.5521	97.7852
3564	73.3776	112.9(17)	115.7746	97.7520
3565	73.3978	117.0(17)	115.7383	97.7181
3566	73.4176	114.1(17)	115.3627	97.6848
3567	73.4377	114.5(17)	114.5890	97.6511
3568	73.4576	117.2(17)	113.4632	97.6177
3569	73.4776	114.7(17)	112.0733	97.5841
3570	73.4976	117.1(17)	110.5626	97.5505
3571	73.5178	114.1(17)	109.0457	97.5166
3572	73.5376	111.1(17)	107.6708	97.4834



3573	73.5578	108.6(17)	106.4584	97.4494
3574	73.5778	105.0(17)	105.4911	97.4159
3575	73.5979	106.5(17)	104.7733	97.3821
3576	73.6177	106.6(17)	104.3101	97.3489
3577	73.6378	104.1(16)	104.0596	97.3151
3578	73.6576	102.0(16)	103.9870	97.2819
3579	73.6776	103.6(16)	104.0376	97.2483
3580	73.6976	102.4(16)	104.1556	97.2147
3581	73.7176	102.8(16)	104.2999	97.1811
3582	73.7376	99.4(16)	104.4558	97.1476
3583	73.7576	104.2(16)	104.6362	97.1140
3584	73.7777	104.6(17)	104.8796	97.0802
3585	73.7978	103.5(16)	105.2190	97.0465
3586	73.8176	105.9(17)	105.6614	97.0133
3587	73.8375	105.0(16)	106.2037	96.9798
3588	73.8575	105.0(17)	106.7995	96.9463
3589	73.8775	106.8(17)	107.3984	96.9127
3590	73.8975	106.1(17)	107.9378	96.8791
3591	73.9174	104.6(17)	108.3592	96.8457
3592	73.9375	107.3(17)	108.6194	96.8119
3593	73.9575	107.4(17)	108.6735	96.7784
3594	73.9776	107.4(17)	108.4949	96.7446
3595	73.9976	110.6(17)	108.0754	96.7110
3596	74.0175	107.4(17)	107.4389	96.6776
3597	74.0375	112.4(17)	106.6302	96.6441
3598	74.0576	105.9(17)	105.7310	96.6103
3599	74.0776	105.7(17)	104.8320	96.5767
3600	74.0976	102.9(16)	104.0006	96.5432
3601	74.1175	103.4(16)	103.2986	96.5097
3602	74.1373	100.8(16)	102.7617	96.4765
3603	74.1573	101.5(16)	102.4029	96.4429
3604	74.1773	98.9(16)	102.2348	96.4093
3605	74.1973	99.6(16)	102.2501	96.3758
3606	74.2174	100.8(16)	102.4348	96.3420
3607	74.2374	100.5(16)	102.7598	96.3084
3608	74.2573	103.5(16)	103.1881	96.2750
3609	74.2774	99.7(16)	103.6870	96.2413
3610	74.2974	99.6(16)	104.2136	96.2077
3611	74.3174	99.2(16)	104.7303	96.1741
3612	74.3374	103.1(16)	105.1956	96.1405
3613	74.3573	104.2(16)	105.5654	96.1071
3614	74.3774	103.4(16)	105.8204	96.0734
3615	74.3975	107.2(17)	105.9709	96.0396
3616	74.4178	108.3(17)	106.0741	96.0056
3617	74.4377	106.1(17)	106.2017	95.9721
3618	74.4578	106.8(17)	106.4161	95.9384
3619	74.4778	103.4(16)	106.7454	95.9048
3620	74.4978	102.5(16)	107.1907	95.8712
3621	74.5177	102.3(16)	107.7183	95.8378
3622	74.5378	105.3(17)	108.3033	95.8041
3623	74.5575	104.6(16)	108.8934	95.7710
3624	74.5775	104.3(16)	109.4617	95.7374
3625	74.5976	104.3(16)	109.9499	95.7037
3626	74.6176	106.6(17)	110.2799	95.6701

3627	74.6376	105.2(17)	110.4001	95.6365
3628	74.6575	107.1(17)	110.2948	95.6031
3629	74.6775	105.3(17)	110.0009	95.5695
3630	74.6975	104.5(17)	109.5825	95.5359
3631	74.7174	106.6(17)	109.1178	95.5025
3632	74.7374	104.4(17)	108.6652	95.4690
3633	74.7573	105.2(17)	108.2770	95.4355
3634	74.7774	104.1(16)	107.9790	95.4018
3635	74.7974	103.4(16)	107.8019	95.3682
3636	74.8176	103.5(16)	107.7525	95.3343
3637	74.8375	103.9(16)	107.8370	95.3009
3638	74.8576	105.3(17)	108.0640	95.2671
3639	74.8776	105.5(17)	108.4396	95.2336
3640	74.8978	106.0(17)	108.9666	95.1996
3641	74.9177	107.2(17)	109.6230	95.1662
3642	74.9378	107.1(17)	110.3684	95.1325
3643	74.9578	109.8(17)	111.1049	95.0989
3644	74.9778	110.7(17)	111.7145	95.0653
3645	74.9979	112.7(17)	112.0673	95.0316
3646	75.0179	110.0(17)	112.0626	94.9980
3647	75.0378	110.7(17)	111.6562	94.9646
3648	75.0578	113.4(17)	110.8641	94.9310
3649	75.0776	114.4(17)	109.7949	94.9225
3650	75.0976	110.8(17)	108.4947	94.9163
3651	75.1177	107.9(17)	107.0663	94.9102
3652	75.1378	106.4(17)	105.6222	94.9040
3653	75.1576	106.2(17)	104.2834	94.8979
3654	75.1778	102.3(16)	103.0953	94.8917
3655	75.1976	101.0(16)	102.1609	94.8856
3656	75.2176	102.3(16)	101.4792	94.8795
3657	75.2375	101.8(16)	101.0616	94.8734
3658	75.2574	96.9(16)	100.8765	94.8672
3659	75.2774	97.3(16)	100.8836	94.8611
3660	75.2974	97.8(16)	101.0302	94.8550
3661	75.3175	96.0(16)	101.2688	94.8488
3662	75.3376	101.5(16)	101.5370	94.8426
3663	75.3575	99.9(16)	101.7835	94.8365
3664	75.3776	99.0(16)	101.9683	94.8303
3665	75.3978	101.3(16)	102.0658	94.8241
3666	75.4176	98.7(16)	102.0837	94.8180
3667	75.4376	98.2(16)	102.0650	94.8119
3668	75.4578	99.9(16)	102.0665	94.8057
3669	75.4775	95.6(16)	102.1408	94.7997
3670	75.4976	99.4(16)	102.3282	94.7935
3671	75.5176	97.4(16)	102.6406	94.7873
3672	75.5376	98.3(16)	103.0660	94.7812
3673	75.5576	101.3(16)	103.5630	94.7751
3674	75.5778	99.8(16)	104.0730	94.7688
3675	75.5976	98.7(16)	104.5046	94.7628
3676	75.6176	102.6(16)	104.7987	94.7566
3677	75.6376	103.7(16)	104.9034	94.7505
3678	75.6575	102.2(16)	104.7961	94.7444
3679	75.6775	103.7(16)	104.4670	94.7382
3680	75.6976	100.9(16)	103.9250	94.7321

3681	75.7176	100.6(16)	103.2111	94.7259
3682	75.7376	99.9(16)	102.3896	94.7198
3683	75.7576	100.6(16)	101.5348	94.7136
3684	75.7776	103.0(16)	100.7205	94.7075
3685	75.7976	98.4(16)	99.9984	94.7013
3686	75.8177	98.3(16)	99.3960	94.6952
3687	75.8375	100.1(16)	98.9226	94.6891
3688	75.8575	98.7(16)	98.5538	94.6829
3689	75.8774	97.7(16)	98.2730	94.6768
3690	75.8976	96.5(16)	98.0498	94.6706
3691	75.9175	98.3(16)	97.8790	94.6645
3692	75.9376	98.4(16)	97.7531	94.6583
3693	75.9576	95.2(16)	97.6874	94.6522
3694	75.9775	94.8(16)	97.6952	94.6461
3695	75.9976	96.1(16)	97.8030	94.6399
3696	76.0175	98.8(16)	98.0257	94.6338
3697	76.0374	96.5(16)	98.3705	94.6277
3698	76.0575	101.8(16)	98.8345	94.6215
3699	76.0774	97.8(16)	99.3819	94.6154
3700	76.0975	97.0(16)	99.9785	94.6092
3701	76.1175	100.3(16)	100.5589	94.6031
3702	76.1374	99.0(16)	101.0645	94.5970
3703	76.1574	100.4(16)	101.4605	94.5977
3704	76.1775	101.3(16)	101.7423	94.6279
3705	76.1976	100.2(16)	101.9013	94.6581
3706	76.2178	97.8(16)	101.9783	94.6885
3707	76.2376	97.4(16)	102.0239	94.7183
3708	76.2576	99.3(16)	102.0760	94.7484
3709	76.2775	96.0(16)	102.1442	94.7783
3710	76.2976	98.2(16)	102.2167	94.8085
3711	76.3177	99.7(16)	102.2696	94.8387
3712	76.3376	99.9(16)	102.2827	94.8686
3713	76.3574	100.5(16)	102.2494	94.8984
3714	76.3774	99.0(16)	102.1692	94.9284
3715	76.3975	100.7(16)	102.0760	94.9587
3716	76.4175	100.6(16)	102.0004	94.9887
3717	76.4376	101.6(16)	101.9769	95.0190
3718	76.4578	99.9(16)	102.0463	95.0493
3719	76.4775	100.3(16)	102.2221	95.0789
3720	76.4975	100.8(16)	102.5051	95.1090
3721	76.5175	101.8(16)	102.8639	95.1391
3722	76.5374	103.5(16)	103.2477	95.1690
3723	76.5575	102.9(16)	103.5967	95.1992
3724	76.5774	100.0(16)	103.8336	95.2291
3725	76.5975	101.2(16)	103.9068	95.2593
3726	76.6175	104.8(17)	103.7886	95.2894
3727	76.6376	101.9(16)	103.4918	95.3196
3728	76.6578	103.6(16)	103.0710	95.3500
3729	76.6778	102.7(16)	102.5955	95.3800
3730	76.6977	99.9(16)	102.1404	95.4100
3731	76.7176	99.9(16)	101.7773	95.4399
3732	76.7375	103.8(16)	101.5712	95.4698
3733	76.7576	98.3(16)	101.5707	95.5000
3734	76.7776	97.9(16)	101.8110	95.5301

3735	76.7978	95.7(16)	102.3134	95.5604
3736	76.8178	99.7(16)	103.0503	95.5905
3737	76.8378	99.3(16)	103.9949	95.6206
3738	76.8576	96.5(16)	105.0730	95.6503
3739	76.8776	97.9(16)	106.2132	95.6804
3740	76.8978	104.3(17)	107.2988	95.7108
3741	76.9177	106.4(17)	108.1718	95.7407
3742	76.9376	104.4(17)	108.7501	95.7706
3743	76.9576	106.8(17)	108.9820	95.8007
3744	76.9778	112.1(17)	108.8643	95.8310
3745	76.9976	107.3(17)	108.4529	95.8608
3746	77.0178	103.7(16)	107.8003	95.8912
3747	77.0376	107.0(17)	107.0023	95.9209
3748	77.0575	103.1(16)	106.1049	95.9509
3749	77.0775	105.6(17)	105.1630	95.9809
3750	77.0976	104.4(17)	104.2327	96.0111
3751	77.1176	102.8(16)	103.3785	96.0412
3752	77.1378	100.1(16)	102.6424	96.0716
3753	77.1578	99.9(16)	102.0750	96.1016
3754	77.1778	98.1(16)	101.6920	96.1317
3755	77.1978	99.8(16)	101.5099	96.1618
3756	77.2178	97.9(16)	101.5315	96.1918
3757	77.2376	97.5(16)	101.7381	96.2216
3758	77.2576	97.0(16)	102.1089	96.2517
3759	77.2775	99.1(16)	102.6083	96.2816
3760	77.2975	99.9(16)	103.2072	96.3116
3761	77.3176	99.1(16)	103.8807	96.3419
3762	77.3377	98.8(16)	104.6002	96.3721
3763	77.3577	103.2(16)	105.3453	96.4021
3764	77.3777	103.5(16)	106.1146	96.4322
3765	77.3976	101.8(16)	106.8878	96.4621
3766	77.4177	105.6(17)	107.6409	96.4923
3767	77.4376	106.0(17)	108.3026	96.5223
3768	77.4576	107.4(17)	108.8084	96.5523
3769	77.4776	107.7(17)	109.0892	96.5824
3770	77.4976	108.9(17)	109.1182	96.6125
3771	77.5177	108.4(17)	108.9250	96.6427
3772	77.5376	107.3(17)	108.5931	96.6726
3773	77.5578	109.2(17)	108.2185	96.7030
3774	77.5778	105.1(17)	107.8921	96.7330
3775	77.5978	105.9(17)	107.6628	96.7631
3776	77.6178	104.5(17)	107.5400	96.7932
3777	77.6376	102.8(16)	107.4903	96.8229
3778	77.6575	104.5(17)	107.4485	96.8528
3779	77.6776	105.0(17)	107.3287	96.8831
3780	77.6976	103.6(16)	107.0730	96.9131
3781	77.7175	105.2(17)	106.6640	96.9430
3782	77.7376	103.5(16)	106.1199	96.9733
3783	77.7575	102.9(16)	105.5131	97.0032
3784	77.7777	103.8(17)	104.8945	97.0335
3785	77.7976	104.3(17)	104.3568	97.0635
3786	77.8176	100.8(16)	103.9482	97.0935
3787	77.8375	103.5(16)	103.7206	97.1234
3788	77.8574	100.5(16)	103.7086	97.1534

3789	77.8775	100.2(16)	103.9472	97.1836
3790	77.8974	100.6(16)	104.4569	97.2135
3791	77.9175	101.1(16)	105.2643	97.2437
3792	77.9374	100.6(16)	106.3495	97.2736
3793	77.9576	102.8(16)	107.6985	97.3040
3794	77.9775	103.2(16)	109.1778	97.3339
3795	77.9975	105.2(17)	110.6702	97.3640
3796	78.0175	108.5(17)	111.9870	97.3940
3797	78.0376	110.6(17)	112.9431	97.4243
3798	78.0575	115.6(17)	113.3703	97.4542
3799	78.0776	114.3(17)	113.1854	97.4844
3800	78.0975	116.9(17)	112.4082	97.5143
3801	78.1175	113.1(17)	111.1519	97.5444
3802	78.1374	110.6(17)	109.6082	97.5743
3803	78.1572	109.0(17)	107.9813	97.6040
3804	78.1773	106.5(17)	106.4094	97.6343
3805	78.1974	99.8(16)	105.0479	97.6645
3806	78.2175	99.8(16)	103.9683	97.6947
3807	78.2373	99.2(16)	103.2031	97.7245
3808	78.2573	98.1(16)	102.7266	97.7545
3809	78.2775	97.3(16)	102.4695	97.7276
3810	78.2974	100.8(16)	102.4548	97.6755
3811	78.3174	99.8(16)	102.7091	97.6231
3812	78.3373	99.2(16)	103.2469	97.5709
3813	78.3574	99.9(16)	104.1007	97.5183
3814	78.3774	99.4(16)	105.2749	97.4659
3815	78.3976	102.8(16)	106.7789	97.4130
3816	78.4176	101.0(16)	108.5321	97.3606
3817	78.4377	104.3(17)	110.4582	97.3079
3818	78.4578	106.6(17)	112.4012	97.2553
3819	78.4778	110.1(17)	114.1729	97.2029
3820	78.4978	111.9(17)	115.5969	97.1505
3821	78.5177	117.5(18)	116.5137	97.0984
3822	78.5376	116.1(17)	116.8425	97.0463
3823	78.5576	118.4(18)	116.5664	96.9939
3824	78.5775	119.1(18)	115.7708	96.9417
3825	78.5976	118.9(18)	114.5781	96.8891
3826	78.6176	117.3(18)	113.1711	96.8367
3827	78.6376	113.8(17)	111.7157	96.7843
3828	78.6575	112.6(17)	110.3797	96.7322
3829	78.6775	114.2(17)	109.2778	96.6798
3830	78.6975	106.5(17)	108.5166	96.6274
3831	78.7173	104.2(17)	108.1419	96.5755
3832	78.7374	104.2(16)	108.1433	96.5229
3833	78.7573	105.0(17)	108.4662	96.4708
3834	78.7774	105.2(17)	109.0161	96.4181
3835	78.7975	104.4(17)	109.6510	96.3655
3836	78.8175	106.0(17)	110.2136	96.3131
3837	78.8375	108.3(17)	110.5593	96.2607
3838	78.8576	110.1(17)	110.5834	96.2080
3839	78.8777	109.9(17)	110.2313	96.1554
3840	78.8977	106.5(17)	109.5348	96.1030
3841	78.9177	109.4(17)	108.5785	96.0506
3842	78.9378	111.0(17)	107.4635	95.9979

3843	78.9578	105.6(17)	106.3035	95.9456
3844	78.9779	107.6(17)	105.1676	95.8929
3845	78.9979	101.3(16)	104.1250	95.8405
3846	79.0179	103.5(17)	103.2075	95.7881
3847	79.0378	101.2(16)	102.4451	95.7360
3848	79.0578	101.8(16)	101.8506	95.6836
3849	79.0775	101.4(16)	101.4592	95.6320
3850	79.0977	100.2(16)	101.2818	95.5791
3851	79.1177	96.7(16)	101.3596	95.5267
3852	79.1376	99.5(16)	101.7013	95.4746
3853	79.1578	96.5(16)	102.3264	95.4216
3854	79.1777	96.6(16)	103.2140	95.3695
3855	79.1976	96.4(16)	104.3497	95.3174
3856	79.2176	101.9(16)	105.7048	95.2650
3857	79.2375	104.9(17)	107.2097	95.2129
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3861	79.3175	108.8(17)	113.0872	95.0033
3862	79.3375	109.2(17)	113.9828	94.9509
3863	79.3575	110.9(17)	114.4807	94.8985
3864	79.3777	113.9(17)	114.5744	94.8456
3865	79.3978	114.9(17)	114.3196	94.7930
3866	79.4177	113.2(17)	113.8277	94.7409
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3871	79.5176	109.2(17)	110.4041	94.4792
3872	79.5376	108.6(17)	109.5884	94.4268
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3874	79.5778	105.9(17)	107.6463	94.3215
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3878	79.6575	101.1(16)	103.4581	94.1127
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3891	79.9176	106.1(17)	104.0930	93.4314
3892	79.9376	102.5(16)	103.6222	93.3790
3893	79.9575	102.2(16)	103.0186	93.3268
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4 9 2 8 1 o	0.0003	0.0003	267.30	1.70610
7 5 1 8 1 o	31.6174	30.6260	0.43	1.70534
6 0 2 4 1 o	17900.5449	17530.1953	180.18	1.70273
1 12 2 8 1 o	8172.9214	8053.5762	0.40	1.70104
6 1 2 8 1 o	10374.5703	10179.7734	180.46	1.69938
2 1 3 8 1 o	58.4809	57.2088	359.71	1.69740

6 9 1 8 1 o	13421.0400	13087.1826	180.19	1.69628
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2 2 3 8 1 o	73.9904	71.5742	179.93	1.68749
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4 13 1 8 1 o	4.9900	4.9724	0.50	1.67666
4 14 0 4 1 o	36.8989	37.4664	1.13	1.67460
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6 3 2 8 1 o	2772.4658	2826.1699	0.37	1.67323
0 5 3 4 1 o	32.5641	33.4407	180.75	1.67262
8 0 0 2 1 o	824.5771	841.7324	359.02	1.67207
2 3 3 8 1 o	11946.1875	12257.5752	180.33	1.67135
7 6 1 8 1 o	1944.7944	1994.1754	0.31	1.66933
3 11 2 8 1 o	304.8784	312.8848	0.59	1.66909
2 12 2 8 1 o	10076.6123	10665.4961	0.28	1.66122
1 5 3 8 1 o	106.4941	113.5496	180.56	1.65970
8 2 0 4 1 o	301.2978	319.3527	0.13	1.65946
2 15 1 8 1 o	1488.6514	1593.4016	180.43	1.65523
6 4 2 8 1 o	16.9628	18.8880	179.32	1.65132
2 4 3 8 1 o	153.4050	179.4967	0.14	1.64951
4 10 2 8 1 o	239.0275	268.3157	180.27	1.64521
5 13 0 4 1 o	1794.4390	1931.6951	180.72	1.64379
5 8 2 8 1 o	144.0008	149.2663	180.16	1.64249
2 16 0 4 1 o	2985.4414	2972.1655	180.17	1.64106
5 12 1 8 1 o	44.6121	43.1427	359.73	1.63970
6 10 1 8 1 o	6704.1523	6256.4873	0.54	1.63640
3 1 3 8 1 o	155.7473	145.3093	0.05	1.63294
7 7 1 8 1 o	3.6624	3.5311	1.24	1.62958
1 6 3 8 1 o	2639.9683	2610.6262	180.24	1.62645
6 5 2 8 1 o	3133.2883	3124.8567	180.56	1.62437
3 2 3 8 1 o	1284.2008	1287.4741	180.44	1.62411
8 4 0 4 1 o	419.1085	419.0374	180.37	1.62330
1 13 2 8 1 o	488.6194	493.1373	180.25	1.62290
2 5 3 8 1 o	167.8269	169.7465	180.21	1.62265
7 9 0 4 1 o	45.7557	42.7719	179.84	1.61319
3 3 3 8 1 o	0.7850	0.7129	183.33	1.60970
0 7 3 4 1 o	954.3342	868.4121	0.44	1.60096
3 12 2 8 1 o	5908.0859	5428.0908	180.34	1.60065
1 16 1 8 1 o	902.7619	836.4440	0.26	1.60029
4 14 1 8 1 o	5614.3818	5584.2573	180.46	1.59612
3 15 1 8 1 o	9060.0771	9090.3818	180.30	1.59529
5 9 2 8 1 o	94.5339	95.7369	180.20	1.59344
6 6 2 8 1 o	6115.4111	6189.0176	0.11	1.59316
2 6 3 8 1 o	1058.3523	1081.4459	180.23	1.59154
8 1 1 8 1 o	9.3121	9.4348	1.12	1.59117
3 4 3 8 1 o	2336.4321	2383.5947	180.53	1.59017
1 7 3 8 1 o	492.3339	502.7410	180.25	1.58961
2 13 2 8 1 o	1764.1547	1795.5364	0.40	1.58822
7 8 1 8 1 o	26791.4922	27159.6914	180.32	1.58706
6 12 0 4 1 o	25099.4785	25443.5840	180.15	1.58613
4 11 2 8 1 o	1118.4801	1133.3164	180.49	1.58495

8 2 1 8 1 o	756.0299	762.9761	180.52	1.58300
1 17 0 4 1 o	57743.1484	58279.6484	180.23	1.58205
6 11 1 8 1 o	228.5891	230.2110	0.33	1.57707
8 3 1 8 1 o	379.3017	390.1812	180.82	1.56965
5 13 1 8 1 o	140.7701	145.3188	359.93	1.56937
8 6 0 4 1 o	66.5303	69.1380	182.84	1.56796
2 16 1 8 1 o	336.2966	353.1034	0.39	1.56700
3 5 3 8 1 o	135.7612	143.2861	0.37	1.56606
0 14 2 4 1 o	42.5413	43.0683	0.43	1.56004
6 7 2 8 1 o	887.7801	879.2622	180.48	1.55850
2 7 3 8 1 o	1552.9728	1506.2606	0.18	1.55698
4 1 3 8 1 o	408.7949	395.7061	180.16	1.55390
8 4 1 8 1 o	3179.6257	3108.9578	180.38	1.55152
1 8 3 8 1 o	41761.4570	41018.1328	0.25	1.55007
1 14 2 8 1 o	29.2469	28.7679	359.85	1.54954
7 0 2 4 1 o	998.4260	985.5021	180.96	1.54753
4 2 3 8 1 o	28.4917	28.2396	180.51	1.54629
7 1 2 8 1 o	25002.0488	24710.8438	180.31	1.54501
5 10 2 8 1 o	284.6708	280.7107	0.17	1.54349
7 9 1 8 1 o	1751.5679	1718.3630	0.79	1.54268
3 6 3 8 1 o	342.0443	328.4799	0.71	1.53803
7 2 2 8 1 o	69.5144	66.8862	180.28	1.53752
3 13 2 8 1 o	904.2534	871.3112	0.48	1.53504
4 3 3 8 1 o	8492.3535	8148.0947	0.27	1.53384
8 5 1 8 1 o	170.6068	158.5051	0.16	1.52910
4 12 2 8 1 o	1782.0385	1652.6018	180.20	1.52600
7 3 2 8 1 o	8713.6338	8125.2383	0.30	1.52528
0 17 1 4 1 o	25.6797	23.8943	0.29	1.52520
4 15 1 8 1 o	416.0595	395.3974	0.39	1.52135
6 8 2 8 1 o	63.6984	60.5268	179.90	1.52118
2 8 3 8 1 o	98.0713	93.8651	0.35	1.51977
2 14 2 8 1 o	1033.7036	988.0972	180.32	1.51926
6 12 1 8 1 o	2046.9141	1948.1018	180.53	1.51896
0 9 3 4 1 o	124346.2344	118884.2422	0.34	1.51833
4 4 3 8 1 o	0.2725	0.2560	357.73	1.51691
3 16 1 8 1 o	9.2141	8.5112	359.90	1.51586
1 17 1 8 1 o	382.8139	350.4022	180.24	1.51538
4 16 0 4 1 o	2858.9119	2537.9204	180.36	1.51033
7 11 0 4 1 o	706.0331	636.2667	0.72	1.50964
1 9 3 8 1 o	768.2951	700.6537	0.39	1.50864
7 4 2 8 1 o	171.6640	157.3532	180.40	1.50863
3 7 3 8 1 o	336.9671	317.4066	179.96	1.50678
0 18 0 2 1 o	103248.3516	99119.0781	180.36	1.50472
8 6 1 8 1 o	3406.0269	3316.6482	0.35	1.50298
5 14 1 8 1 o	429.7577	419.2159	0.74	1.50274
3 17 0 4 1 o	125.6989	125.3626	2.10	1.50033
8 8 0 4 1 o	293.0325	294.9653	180.09	1.49920
7 10 1 8 1 o	12335.0703	12620.9561	180.32	1.49723
5 15 0 4 1 o	582.6666	599.2250	0.81	1.49667
4 5 3 8 1 o	443.3482	458.7940	180.33	1.49594
5 11 2 8 1 o	639.1609	677.7695	180.46	1.49341
7 5 2 8 1 o	2524.7346	2791.8665	180.41	1.48800
2 17 1 8 1 o	469.5040	520.7595	0.26	1.48703
9 1 0 4 1 o	13108.9238	14369.7490	0.38	1.48405

6 9 2 8 1 o	164.1766	182.0663	0.17	1.48197
1 15 2 8 1 o	1196.9331	1348.4961	0.21	1.48085
2 9 3 8 1 o	1822.0524	2060.3269	359.24	1.48066
8 7 1 8 1 o	2198.6187	2248.1951	180.28	1.47377
3 8 3 8 1 o	33.6082	33.4454	183.70	1.47297
3 14 2 8 1 o	16.1170	15.8462	179.67	1.47251
4 6 3 8 1 o	0.1826	0.1751	18.22	1.47145
4 13 2 8 1 o	1743.8507	1637.8590	180.62	1.46883
2 18 0 4 1 o	930.7549	877.4147	178.68	1.46803
5 1 3 8 1 o	82.0990	78.0515	180.05	1.46735
9 3 0 4 1 o	696.4410	674.2549	180.76	1.46654
1 10 3 8 1 o	11509.7773	11087.8262	0.28	1.46605
7 6 2 8 1 o	13932.6641	14060.8887	180.21	1.46389
6 13 1 8 1 o	1.4562	1.5046	2.03	1.46255
6 14 0 4 1 o	557.9651	586.9570	0.12	1.46118
5 2 3 8 1 o	2458.3777	2597.0200	0.39	1.46093
2 15 2 8 1 o	652.3324	681.7435	180.35	1.45436
4 16 1 8 1 o	179.7271	184.3100	180.79	1.45200
7 11 1 8 1 o	2.0643	2.1102	359.28	1.45138
5 3 3 8 1 o	151.2204	153.6822	180.05	1.45042
4 7 3 8 1 o	340.7798	360.6816	0.46	1.44401
5 12 2 8 1 o	326.3365	343.9259	0.23	1.44378
3 17 1 8 1 o	219.1811	230.3025	0.19	1.44311
8 8 1 8 1 o	17307.7129	17848.2754	180.32	1.44210
6 10 2 8 1 o	0.0152	0.0155	353.63	1.44154
2 10 3 8 1 o	0.3994	0.4013	177.55	1.44033
5 15 1 8 1 o	1559.1000	1550.4343	0.18	1.43985
1 18 1 8 1 o	158.4402	153.9890	180.17	1.43862
3 9 3 8 1 o	29.2369	27.8728	359.09	1.43729
7 7 2 8 1 o	135.6417	129.4763	180.62	1.43687
5 4 3 8 1 o	3999.5864	3781.6270	0.58	1.43608
9 5 0 4 1 o	1116.9514	1042.5907	0.54	1.43331
0 11 3 4 1 o	953.9919	873.7945	180.36	1.43105
9 1 1 8 1 o	17.1400	16.6710	179.85	1.42860
0 16 2 4 1 o	2151.9380	2265.2747	0.28	1.42468
1 11 3 8 1 o	353.1362	358.3166	180.36	1.42293
8 10 0 4 1 o	1185.3816	1187.5769	0.13	1.42278
9 2 1 8 1 o	0.1455	0.1451	12.90	1.42268
5 5 3 8 1 o	2.3342	2.1710	359.55	1.41825
1 19 0 4 1 o	3533.9614	3292.1367	180.32	1.41750
1 16 2 8 1 o	2287.2292	2142.9243	0.26	1.41667
2 18 1 8 1 o	269.1071	263.3610	180.17	1.41429
4 8 3 8 1 o	3.3465	3.2823	182.39	1.41418
4 14 2 8 1 o	0.4006	0.3958	179.79	1.41377
3 15 2 8 1 o	178.4892	178.1472	180.80	1.41319
9 3 1 8 1 o	447.8644	446.6648	181.35	1.41296
8 0 2 4 1 o	47728.7969	48023.0508	180.31	1.41224
8 1 2 8 1 o	13045.6904	13302.8223	0.32	1.41033
8 9 1 8 1 o	35317.1406	36091.0234	180.31	1.40856
7 13 0 4 1 o	2951.9939	3018.8118	0.48	1.40828
6 14 1 8 1 o	4423.8149	4524.6182	0.51	1.40817
7 8 2 8 1 o	5.5584	5.6674	0.92	1.40747
7 12 1 8 1 o	2295.6101	2320.9241	0.36	1.40571
8 2 2 8 1 o	83.7010	84.2463	0.12	1.40463

6 11 2 8 1 o	798.5101	819.1181	0.59	1.40048
3 10 3 8 1 o	758.9797	781.0466	180.91	1.40031
9 4 1 8 1 o	583.2654	603.3268	0.25	1.39969
2 11 3 8 1 o	609.3246	636.9498	180.05	1.39938
5 6 3 8 1 o	1176.7430	1252.8004	180.68	1.39733
8 3 2 8 1 o	2085.7278	2197.7261	180.35	1.39528
5 13 2 8 1 o	172.9290	183.3485	181.03	1.39508
2 16 2 8 1 o	3453.5256	3578.5640	0.31	1.39342
4 17 1 8 1 o	69.7519	65.6215	0.38	1.38769
9 7 0 4 1 o	65.7269	62.3390	179.23	1.38744
9 5 1 8 1 o	258.6898	252.4903	180.11	1.38317
4 9 3 8 1 o	3867.5696	3782.4941	0.79	1.38251
8 4 2 8 1 o	79.6843	78.1769	0.27	1.38249
5 16 1 8 1 o	1238.0227	1239.8870	0.34	1.38064
1 12 3 8 1 o	1822.5522	1851.0533	180.34	1.37981
6 1 3 8 1 o	383.2965	391.8947	180.30	1.37892
3 18 1 8 1 o	4.0387	4.1329	0.19	1.37635
7 9 2 8 1 o	389.9908	397.2803	0.12	1.37623
0 19 1 4 1 o	415.9398	424.9526	180.22	1.37617
5 7 3 8 1 o	173.8406	171.0340	180.13	1.37377
8 10 1 8 1 o	6496.4126	6413.6113	180.40	1.37371
6 2 3 8 1 o	1.2752	1.2543	177.90	1.37359
4 18 0 4 1 o	2031.1429	1979.2473	180.98	1.37221
1 19 1 8 1 o	42.3643	42.5293	180.56	1.36895
5 17 0 4 1 o	17143.0430	17254.3945	180.63	1.36888
8 5 2 8 1 o	1328.8164	1405.9913	0.54	1.36657
6 3 3 8 1 o	24.0820	26.8083	1.84	1.36485
9 6 1 8 1 o	0.2883	0.3257	183.98	1.36375
3 11 3 8 1 o	414.6584	487.1869	179.96	1.36259
4 15 2 8 1 o	11.8857	13.4123	3.11	1.36102
7 13 1 8 1 o	83.1789	92.0969	179.70	1.36064
6 12 2 8 1 o	818.4962	871.6245	0.07	1.35931
2 12 3 8 1 o	370.9455	384.1952	180.33	1.35830
3 19 0 4 1 o	2619.9456	2699.8782	0.57	1.35782
3 16 2 8 1 o	83.3537	85.1711	180.60	1.35709
1 17 2 8 1 o	445.2007	453.6130	0.55	1.35675
6 15 1 8 1 o	7.2867	7.4188	1.05	1.35603
0 20 0 2 1 o	4597.2437	4639.2881	0.32	1.35425
6 4 3 8 1 o	43.0782	43.0703	0.27	1.35287
4 10 3 8 1 o	342.8268	341.7110	180.25	1.34951
6 16 0 4 1 o	1959.2360	1954.8762	180.40	1.34820
5 8 3 8 1 o	13885.8232	13849.9785	0.63	1.34800
2 19 1 8 1 o	37.9570	37.8531	0.18	1.34793
8 6 2 8 1 o	7247.3726	7225.4434	180.28	1.34782
5 14 2 8 1 o	0.9153	0.9120	357.93	1.34765
0 13 3 4 1 o	196.1888	189.9145	0.38	1.34385
7 10 2 8 1 o	5.8002	5.6629	180.46	1.34367
8 12 0 4 1 o	15761.1357	15397.9150	0.27	1.34356
9 7 1 8 1 o	8.3426	8.2454	359.19	1.34182
8 11 1 8 1 o	436.6761	456.0895	0.24	1.33804
6 5 3 8 1 o	184.1148	192.7229	180.11	1.33794
10 0 0 2 1 o	37957.7227	39758.1875	0.52	1.33765
1 13 3 8 1 o	363.5195	383.2324	180.28	1.33711
2 17 2 8 1 o	13664.6348	14435.4121	0.30	1.33628

9 9 0 4 1 o	610.5765	699.7151	0.09	1.33262
10 2 0 4 1 o	1.5516	1.9130	0.62	1.33117
4 18 1 8 1 o	75.5874	104.8502	179.92	1.32802
2 20 0 4 1 o	274.3932	363.3897	0.01	1.32731
8 7 2 8 1 o	149.7660	182.4464	0.76	1.32664
5 17 1 8 1 o	17.7443	19.1473	179.93	1.32500
3 12 3 8 1 o	17.1896	17.9772	2.13	1.32459
5 9 3 8 1 o	86.9683	81.3942	0.23	1.32049
6 6 3 8 1 o	343.9878	322.5889	180.53	1.32033
0 0 4 2 1 o	629.8569	586.9946	180.31	1.31891
6 13 2 8 1 o	1878.9131	1771.8823	0.59	1.31844
9 8 1 8 1 o	4684.1245	4455.2803	180.19	1.31778
2 13 3 8 1 o	1.1566	1.0955	183.43	1.31751
7 14 1 8 1 o	1406.6675	1351.0828	180.53	1.31653
4 11 3 8 1 o	10.0530	9.7389	181.83	1.31565
3 19 1 8 1 o	10.2187	9.9436	0.91	1.31497
0 2 4 4 1 o	2035.8109	1977.1587	180.19	1.31270
1 0 4 4 1 o	70277.9688	68173.2266	180.33	1.31255
7 15 0 4 1 o	6376.5352	6171.1538	180.32	1.31244
10 4 0 4 1 o	5.7554	5.5622	0.26	1.31229
1 1 4 8 1 o	418.8430	401.3633	0.48	1.31101
4 16 2 8 1 o	2097.7471	2005.1614	0.32	1.31069
7 11 2 8 1 o	63.9850	60.9644	1.38	1.31024
0 18 2 4 1 o	16076.1123	14954.9736	180.29	1.30702
1 2 4 8 1 o	585.4884	542.9715	0.24	1.30643
6 16 1 8 1 o	1029.5183	959.2048	0.44	1.30623
1 20 1 8 1 o	52.4506	48.8002	0.03	1.30546
3 17 2 8 1 o	17550.6562	16376.3711	0.41	1.30414
8 8 2 8 1 o	320.1736	299.8631	0.33	1.30340
8 12 1 8 1 o	1344.7343	1261.4890	0.52	1.30200
5 15 2 8 1 o	0.1140	0.1068	44.95	1.30173
1 18 2 8 1 o	52586.8828	49203.2266	0.34	1.30083
6 7 3 8 1 o	1610.1627	1507.1744	0.30	1.30040
1 3 4 8 1 o	814.4407	757.7653	180.27	1.29889
1 14 3 8 1 o	1140.0488	1110.5217	0.46	1.29518
10 1 1 8 1 o	151.7472	147.5641	0.26	1.29514
9 0 2 4 1 o	42144.6836	41115.1484	0.34	1.29488
0 4 4 4 1 o	617.6534	607.7343	180.41	1.29458
2 0 4 4 1 o	18698.2051	18524.9688	0.38	1.29399
9 1 2 8 1 o	675.2356	667.9935	180.16	1.29340
7 1 3 8 1 o	170.1481	169.4202	0.09	1.29253
2 1 4 8 1 o	7894.8477	7905.5654	180.35	1.29252
9 9 1 8 1 o	50681.1992	50426.2305	180.33	1.29204
5 10 3 8 1 o	5950.1104	5942.7100	0.69	1.29165
10 2 1 8 1 o	482.2723	478.2649	0.34	1.29072
9 2 2 8 1 o	53.8804	52.8881	0.30	1.28900
1 4 4 8 1 o	36.5539	35.7091	179.91	1.28856
7 2 3 8 1 o	2042.9764	1991.2964	180.43	1.28814
2 2 4 8 1 o	447.8451	435.6540	0.35	1.28813
2 20 1 8 1 o	27.7387	26.8359	181.78	1.28720
3 13 3 8 1 o	684.7488	660.3163	0.20	1.28668
1 21 0 4 1 o	1262.7643	1210.4270	0.38	1.28381
10 3 1 8 1 o	40.0090	38.6071	2.08	1.28345
2 18 2 8 1 o	25325.6348	24304.5820	0.39	1.28276

10 6 0 4 1 o	2516.2202	2436.0081	0.78	1.28253
9 3 2 8 1 o	199.6864	194.5879	180.39	1.28176
4 12 3 8 1 o	148.6973	144.6240	0.70	1.28134
7 3 3 8 1 o	163.0965	160.2728	0.24	1.28092
2 3 4 8 1 o	1392.8535	1359.9329	0.40	1.28090
6 8 3 8 1 o	39.3011	40.9626	0.79	1.27849
8 9 2 8 1 o	246.0173	256.4264	180.16	1.27847
6 14 2 8 1 o	321.0838	337.9753	180.29	1.27818
2 14 3 8 1 o	4.5816	4.9917	0.71	1.27734
7 12 2 8 1 o	237.4937	265.6009	0.90	1.27634
1 5 4 8 1 o	26.0334	30.2778	359.85	1.27564
7 15 1 8 1 o	18.1145	21.0977	2.88	1.27362
10 4 1 8 1 o	0.1356	0.1561	175.90	1.27348
5 18 1 8 1 o	30.5198	35.6356	180.38	1.27277
4 19 1 8 1 o	237.1714	277.0901	180.22	1.27263
9 11 0 4 1 o	360.4670	415.3188	180.63	1.27244
9 4 2 8 1 o	543.4267	618.7001	0.27	1.27183
7 4 3 8 1 o	1839.4095	2070.7639	180.57	1.27100
2 4 4 8 1 o	78.4071	89.3524	0.41	1.27099
0 6 4 4 1 o	0.8919	0.8883	190.17	1.26598
8 13 1 8 1 o	59.2533	59.1272	180.48	1.26594
8 14 0 4 1 o	0.8477	0.8303	177.02	1.26506
9 10 1 8 1 o	35.0010	34.2679	180.00	1.26498
3 0 4 4 1 o	5234.1216	5076.1055	0.64	1.26474
3 1 4 8 1 o	8193.6367	7775.0210	0.39	1.26337
4 17 2 8 1 o	657.1674	620.2137	181.62	1.26281
5 11 3 8 1 o	34.8048	32.4650	180.20	1.26186
10 5 1 8 1 o	208.2775	193.9565	0.38	1.26100
1 6 4 8 1 o	9651.6006	8812.1348	180.41	1.26035
0 15 3 4 1 o	10712.7764	9768.8281	0.43	1.25981
9 5 2 8 1 o	131.0859	121.0854	0.45	1.25940
3 2 4 8 1 o	72.4330	66.0754	359.82	1.25926
6 17 1 8 1 o	135.2303	124.4329	0.25	1.25881
7 5 3 8 1 o	52.2948	48.2324	180.37	1.25859
2 5 4 8 1 o	1337.4800	1221.9618	180.53	1.25858
3 20 1 8 1 o	710.3832	653.7286	0.42	1.25840
5 19 0 4 1 o	4574.9253	4229.6172	180.65	1.25807
5 16 2 8 1 o	580.2652	540.2751	0.12	1.25749
4 20 0 4 1 o	923.1923	890.6515	0.44	1.25523
6 9 3 8 1 o	1344.8278	1302.1119	0.91	1.25494
1 15 3 8 1 o	105.9368	103.3556	179.72	1.25426
3 18 2 8 1 o	4669.3887	4555.1934	180.60	1.25425
0 21 1 4 1 o	2787.6716	2753.2397	180.35	1.25286
3 3 4 8 1 o	389.1594	385.7220	180.31	1.25251
8 10 2 8 1 o	5.9146	5.8770	180.88	1.25224
3 14 3 8 1 o	2287.5193	2331.6785	180.56	1.24918
1 19 2 8 1 o	19.1105	19.4522	180.76	1.24863
1 21 1 8 1 o	5551.9297	5622.2949	180.47	1.24741
6 18 0 4 1 o	781.5608	790.6702	181.02	1.24722
4 13 3 8 1 o	125.9278	127.3473	180.15	1.24693
10 6 1 8 1 o	21.1840	21.3644	358.73	1.24623
9 6 2 8 1 o	11797.4346	11843.0332	0.32	1.24468
10 8 0 4 1 o	691.2377	691.0823	180.28	1.24407
7 6 3 8 1 o	1807.7542	1806.2140	0.44	1.24391



2 6 4 8 1 o	78.4026	78.4999	1.31	1.24390
3 4 4 8 1 o	80.2895	79.6722	180.30	1.24324
1 7 4 8 1 o	240.1665	237.3478	180.30	1.24298
7 13 2 8 1 o	1112.3729	1089.9126	0.44	1.24232
3 21 0 4 1 o	307.1947	297.7220	180.65	1.23897
6 15 2 8 1 o	383.1031	372.5178	180.73	1.23881
2 15 3 8 1 o	8411.9248	8241.2393	180.39	1.23804
9 11 1 8 1 o	754.9868	755.0173	0.24	1.23697
2 19 2 8 1 o	2976.7095	3076.7556	0.39	1.23263
7 16 1 8 1 o	155.6489	160.7883	180.25	1.23209
3 5 4 8 1 o	967.2163	997.7496	0.49	1.23162
5 12 3 8 1 o	2779.8481	2869.1436	180.54	1.23150
2 21 1 8 1 o	4836.9199	4991.8135	0.32	1.23145
0 22 0 2 1 o	93.3249	96.3094	180.87	1.23114
8 14 1 8 1 o	2317.1860	2395.9854	180.48	1.23018
6 10 3 8 1 o	165.7705	171.2079	0.33	1.23010
10 7 1 8 1 o	51.5074	53.4598	180.53	1.22943
0 8 4 4 1 o	608.7067	628.0098	180.18	1.22895
9 7 2 8 1 o	184.8671	194.3450	0.61	1.22794
7 7 3 8 1 o	70.6081	75.0725	359.93	1.22720
2 7 4 8 1 o	147.1600	155.8617	180.62	1.22719
4 0 4 4 1 o	2491.9236	2659.7854	0.29	1.22694
4 1 4 8 1 o	1383.0728	1532.7921	0.99	1.22568
8 11 2 8 1 o	40.9309	46.0013	181.63	1.22505
1 8 4 8 1 o	0.7340	0.8588	178.79	1.22380
5 19 1 8 1 o	57.1247	66.1967	180.31	1.22376
7 17 0 4 1 o	8921.2471	10322.5732	0.37	1.22371
4 2 4 8 1 o	3.1757	3.7159	180.22	1.22193
4 20 1 8 1 o	1851.8940	2143.8923	0.42	1.22114
3 6 4 8 1 o	6370.4839	7136.2983	0.34	1.21785
4 18 2 8 1 o	58.5802	66.0012	0.08	1.21735
4 3 4 8 1 o	199.6953	231.9753	181.28	1.21576
5 17 2 8 1 o	3039.9492	3598.3613	359.96	1.21502
11 1 0 4 1 o	9294.9365	10975.8555	0.27	1.21482
1 16 3 8 1 o	2.1357	2.5711	180.25	1.21454
6 18 1 8 1 o	57.5926	69.8072	180.37	1.21376
4 14 3 8 1 o	0.0440	0.0540	189.35	1.21271
3 15 3 8 1 o	26.9925	33.0900	359.65	1.21235
10 8 1 8 1 o	1189.2400	1386.4301	179.92	1.21086
2 22 0 4 1 o	191.9438	225.2787	179.85	1.21079
8 1 3 8 1 o	464.4714	537.2679	180.14	1.21054
9 13 0 4 1 o	345.4924	391.1228	180.56	1.20996
9 8 2 8 1 o	4.5937	5.1005	359.22	1.20944
7 8 3 8 1 o	5079.7783	5488.6934	180.43	1.20873
2 8 4 8 1 o	4.0370	4.3301	181.60	1.20872
7 14 2 8 1 o	25.7068	27.5531	179.77	1.20847
9 12 1 8 1 o	72.5414	77.6479	0.13	1.20832
4 4 4 8 1 o	263.9766	272.5483	180.32	1.20728
3 19 2 8 1 o	1638.1084	1695.4548	0.50	1.20727
8 2 3 8 1 o	92.2244	96.1564	359.91	1.20693
3 21 1 8 1 o	2767.6296	2868.0789	0.44	1.20615
11 3 0 4 1 o	1875.6451	1995.0300	180.16	1.20516
0 20 2 4 1 o	653.5860	694.7332	0.18	1.20475
6 11 3 8 1 o	46.7888	50.4966	180.43	1.20430

1 9 4 8 1 o	9.0798	10.1701	0.24	1.20310
3 7 4 8 1 o	6.3118	7.2409	179.76	1.20215
8 3 3 8 1 o	17.4379	20.0069	184.46	1.20098
5 13 3 8 1 o	131.9804	152.0549	180.17	1.20086
6 16 2 8 1 o	1587.2220	1820.6921	0.33	1.20049
1 20 2 8 1 o	485.8629	554.2151	180.33	1.19990
2 16 3 8 1 o	4.9198	5.6043	0.52	1.19979
10 10 0 4 1 o	6.8416	7.7352	0.34	1.19936
8 12 2 8 1 o	124.1780	138.0061	1.40	1.19721
4 5 4 8 1 o	1931.4183	2131.5603	0.63	1.19663
8 15 1 8 1 o	289.0881	326.5036	180.67	1.19496
1 22 1 8 1 o	114.0762	131.3713	180.43	1.19414
10 0 2 4 1 o	1781.0688	2153.3867	0.49	1.19302
8 4 3 8 1 o	136.3242	166.6588	180.17	1.19280
7 17 1 8 1 o	42.0463	53.5253	359.78	1.19206
10 1 2 8 1 o	234.9720	300.2826	359.77	1.19187
10 9 1 8 1 o	655.0192	884.8608	0.52	1.19080
8 16 0 4 1 o	396.9416	568.0062	180.29	1.18960
9 9 2 8 1 o	131.7371	186.9705	180.18	1.18945
7 9 3 8 1 o	1.2719	1.8352	2.41	1.18877
2 9 4 8 1 o	8.3486	12.5152	0.27	1.18876
10 2 2 8 1 o	198.8798	278.1833	180.34	1.18842
11 5 0 4 1 o	1388.8700	1810.0626	0.31	1.18652
0 10 4 4 1 o	10.6763	13.7832	179.69	1.18580
2 20 2 8 1 o	1587.3052	2016.0691	180.38	1.18567
3 8 4 8 1 o	26.7360	32.2320	180.18	1.18477
4 6 4 8 1 o	164.5148	189.1232	359.94	1.18398
11 1 1 8 1 o	235.1855	268.2768	180.11	1.18384
5 0 4 4 1 o	13468.0898	14757.9541	180.17	1.18297
10 3 2 8 1 o	279.5569	305.0862	0.44	1.18274
8 5 3 8 1 o	220.4819	238.4004	180.41	1.18253
5 1 4 8 1 o	1097.7744	1159.2452	0.00	1.18184
1 10 4 8 1 o	12.2557	12.6959	0.56	1.18116
0 17 3 4 1 o	441.6494	453.4775	180.37	1.18072
11 2 1 8 1 o	26.6968	27.4592	0.11	1.18046
2 22 1 8 1 o	1383.5829	1404.5831	180.41	1.18011
9 13 1 8 1 o	122.8937	123.2073	180.48	1.17934
4 15 3 8 1 o	3520.4524	3482.5359	0.32	1.17893
5 2 4 8 1 o	298.3489	292.7038	0.19	1.17848
6 12 3 8 1 o	343.6354	334.2009	180.52	1.17782
5 20 1 8 1 o	427.6909	415.7345	180.42	1.17777
3 16 3 8 1 o	626.4198	599.7292	180.55	1.17637
1 17 3 8 1 o	0.0456	0.0436	180.77	1.17614
7 15 2 8 1 o	971.5366	930.8579	180.47	1.17503
10 4 2 8 1 o	58.1374	55.9320	0.20	1.17493
11 3 1 8 1 o	1989.3789	1915.8728	0.74	1.17490
5 18 2 8 1 o	10620.8877	10157.1006	0.17	1.17436
4 19 2 8 1 o	1658.7330	1585.3983	180.75	1.17425
4 21 1 8 1 o	877.5798	843.0087	180.22	1.17323
1 23 0 4 1 o	802.3474	771.3314	180.53	1.17307
5 3 4 8 1 o	78.9846	75.9674	180.62	1.17294
6 19 1 8 1 o	91.2451	89.2496	0.08	1.17104
8 6 3 8 1 o	747.3658	733.0574	0.32	1.17032
5 14 3 8 1 o	6632.3926	6503.4434	0.52	1.17020

4 7 4 8 1 o	358.9369	351.5919	0.68	1.16955
10 10 1 8 1 o	299.4396	293.7331	179.79	1.16952
8 13 2 8 1 o	1132.0093	1107.5725	180.50	1.16900
9 10 2 8 1 o	18.5761	18.1063	180.14	1.16824
7 10 3 8 1 o	3051.6594	2955.7642	180.56	1.16760
2 10 4 8 1 o	653.0759	628.9677	0.18	1.16759
11 4 1 8 1 o	144.7213	140.7184	180.00	1.16724
3 9 4 8 1 o	0.0045	0.0043	178.73	1.16596
5 4 4 8 1 o	4.2363	4.1024	179.08	1.16532
10 5 2 8 1 o	0.1629	0.1600	185.74	1.16510
6 17 2 8 1 o	7039.2510	7200.4893	0.57	1.16337
3 20 2 8 1 o	110.8890	114.8668	0.47	1.16305
2 17 3 8 1 o	6.1577	6.4772	0.13	1.16274
5 21 0 4 1 o	4120.2856	4631.1562	0.44	1.16180
8 16 1 8 1 o	261.8857	325.8875	180.57	1.16046
11 7 0 4 1 o	72.2764	91.0189	180.50	1.16010
1 11 4 8 1 o	3.5058	4.9857	0.43	1.15826
3 22 1 8 1 o	151.8987	204.3555	0.69	1.15780
11 5 1 8 1 o	1.1071	1.4131	358.39	1.15760
6 20 0 4 1 o	31.8354	41.4983	0.98	1.15744
8 7 3 8 1 o	135.3826	161.1202	0.30	1.15637
5 5 4 8 1 o	321.4555	363.9236	180.62	1.15573
4 22 0 4 1 o	252.7818	277.2278	0.02	1.15533
1 21 2 8 1 o	94.8436	97.9486	180.19	1.15435
7 18 1 8 1 o	157.7065	161.1513	0.16	1.15360
4 8 4 8 1 o	373.0152	376.9061	180.24	1.15353
10 6 2 8 1 o	4303.2935	4425.1968	0.35	1.15342
6 13 3 8 1 o	1.0826	1.1461	177.53	1.15092
10 12 0 4 1 o	19664.9082	20863.8457	180.35	1.15074
9 14 1 8 1 o	0.0099	0.0105	33.82	1.15027
0 23 1 4 1 o	15.7193	17.0357	0.01	1.14932
9 15 0 4 1 o	851.0468	918.6328	0.44	1.14754
10 11 1 8 1 o	27.6289	29.7207	0.48	1.14727
11 6 1 8 1 o	164.9585	174.3111	0.39	1.14614
9 11 2 8 1 o	4.7609	5.0364	358.00	1.14606
3 10 4 8 1 o	26.0620	27.7908	359.83	1.14596
4 16 3 8 1 o	43.9572	46.4426	180.36	1.14576
7 11 3 8 1 o	0.5068	0.5280	183.11	1.14546
2 11 4 8 1 o	43.5407	45.6302	1.27	1.14545
1 23 1 8 1 o	521.9218	537.2668	0.35	1.14510
5 6 4 8 1 o	946.7746	940.3668	180.22	1.14433
7 19 0 4 1 o	4307.8325	4082.8940	0.52	1.14262
7 16 2 8 1 o	163.4191	154.6474	179.80	1.14218
2 21 2 8 1 o	140.5267	132.6385	180.69	1.14167
3 17 3 8 1 o	5.7154	5.4156	180.13	1.14138
8 8 3 8 1 o	38.7450	37.3018	180.64	1.14088
8 14 2 8 1 o	168.7123	163.1431	180.44	1.14066
10 7 2 8 1 o	7.0590	6.9130	358.63	1.14006
5 15 3 8 1 o	224.5543	221.0548	180.09	1.13976
1 18 3 8 1 o	101.5121	100.9969	180.13	1.13915
0 12 4 4 1 o	80.1843	80.1777	179.19	1.13875
3 23 0 4 1 o	2148.3557	2145.1426	0.61	1.13857
4 9 4 8 1 o	155.3857	153.7284	0.05	1.13614
5 19 2 8 1 o	613.7059	604.9319	180.71	1.13553

6 0 4 4 1 o	11832.1348	11639.5967	0.24	1.13515
1 12 4 8 1 o	88.9136	87.0560	177.29	1.13464
5 21 1 8 1 o	261.2177	256.7006	180.26	1.13461
9 1 3 8 1 o	114.3475	112.7519	180.13	1.13416
6 1 4 8 1 o	5628.9043	5534.3545	180.59	1.13415
4 20 2 8 1 o	88.8003	87.6836	180.36	1.13344
11 7 1 8 1 o	12.7998	12.7291	0.65	1.13303
2 23 1 8 1 o	166.8572	166.1498	180.32	1.13272
5 7 4 8 1 o	126.4094	127.9320	180.59	1.13128
9 2 3 8 1 o	449.9265	454.6269	0.50	1.13119
6 2 4 8 1 o	1038.7384	1051.1583	0.12	1.13118
6 20 1 8 1 o	1246.9674	1262.1100	180.55	1.13055
4 22 1 8 1 o	745.2065	744.5474	0.74	1.12858
0 24 0 2 1 o	133.9555	133.7746	357.77	1.12854
6 18 2 8 1 o	14799.3262	14807.8135	0.18	1.12754
11 9 0 4 1 o	560.8866	563.8550	180.10	1.12748
2 18 3 8 1 o	16.3858	16.4535	180.18	1.12696
8 17 1 8 1 o	81.4895	82.3723	0.55	1.12683
9 3 3 8 1 o	83.2750	85.1333	180.45	1.12629
6 3 4 8 1 o	946.3679	965.7010	0.73	1.12628
10 8 2 8 1 o	7.3621	7.7156	179.67	1.12521
3 11 4 8 1 o	43.5413	46.0938	180.78	1.12501
10 12 1 8 1 o	23.4795	25.0410	181.42	1.12431
8 9 3 8 1 o	6326.2617	6786.5513	180.44	1.12405
6 14 3 8 1 o	3.9349	4.2415	179.10	1.12386
9 12 2 8 1 o	899.8008	967.0812	180.83	1.12317
7 12 3 8 1 o	254.7700	273.4070	0.83	1.12260
2 12 4 8 1 o	120.9601	130.2921	181.14	1.12259
3 21 2 8 1 o	1098.8943	1163.6691	180.53	1.12143
9 15 1 8 1 o	409.5111	433.8681	181.21	1.12132
9 4 3 8 1 o	682.2491	729.8683	0.52	1.11953
6 4 4 8 1 o	68.2299	72.9241	180.54	1.11952
8 18 0 4 1 o	7705.9946	8421.8086	0.44	1.11850
11 8 1 8 1 o	333.1747	363.7823	180.77	1.11845
4 10 4 8 1 o	82.3110	92.5477	179.95	1.11761
5 8 4 8 1 o	102.3844	117.0030	180.22	1.11676
7 19 1 8 1 o	30.6480	34.7724	180.08	1.11673
0 22 2 4 1 o	92.9434	105.7693	180.20	1.11561
12 0 0 2 1 o	8952.0391	9727.8232	359.74	1.11471
4 17 3 8 1 o	202.8288	208.5296	180.31	1.11336
3 23 1 8 1 o	88.7242	89.6547	180.57	1.11295
2 24 0 4 1 o	94.7170	95.2252	177.54	1.11281
8 15 2 8 1 o	323.8741	322.5837	0.65	1.11241
1 22 2 8 1 o	263.0397	256.5941	0.50	1.11175
9 5 3 8 1 o	65.0017	63.4428	0.57	1.11102
6 5 4 8 1 o	1763.0815	1711.2197	180.69	1.11101
12 2 0 4 1 o	1.0359	1.0142	2.92	1.11095
1 13 4 8 1 o	0.0035	0.0033	123.80	1.11054
7 17 2 8 1 o	21572.7852	20986.9668	0.39	1.11007
5 16 3 8 1 o	11.2304	10.9191	2.24	1.10971
10 9 2 8 1 o	18.2474	17.8775	0.23	1.10906
3 18 3 8 1 o	10.6013	10.4161	0.76	1.10748
0 19 3 4 1 o	326.3055	320.4803	180.24	1.10739
8 10 3 8 1 o	48.0374	48.0608	180.43	1.10610

11	0	2	4	1	o	6037.5645	6233.8184	180.74	1.10435
1	19	3	8	1	o	3.6653	3.8353	180.49	1.10361
11	1	2	8	1	o	843.4672	880.2023	180.44	1.10343
3	12	4	8	1	o	264.9843	277.9012	359.10	1.10333
11	9	1	8	1	o	7969.9590	8364.1611	0.69	1.10258
5	9	4	8	1	o	4.9988	5.3020	0.38	1.10096
9	6	3	8	1	o	726.2248	771.5279	180.58	1.10088
6	6	4	8	1	o	103.5099	109.9284	180.20	1.10087
10	13	1	8	1	o	216.9218	230.5632	0.36	1.10085
11	2	2	8	1	o	84.0160	89.4800	180.18	1.10069
2	22	2	8	1	o	55.4069	59.2447	0.38	1.10041
10	14	0	4	1	o	343.8479	368.5521	0.37	1.10026
12	4	0	4	1	o	70.8326	76.3557	0.04	1.09991
1	24	1	8	1	o	490.4388	530.4227	0.36	1.09984
9	13	2	8	1	o	54.2910	58.7151	180.58	1.09978
7	13	3	8	1	o	58.1509	63.7389	359.98	1.09924
2	13	4	8	1	o	1021.1204	1123.7389	0.47	1.09924
5	20	2	8	1	o	199.2794	222.7986	180.23	1.09851
4	11	4	8	1	o	1195.4470	1353.4305	180.48	1.09815
6	15	3	8	1	o	89.8989	99.7501	179.60	1.09681
11	3	2	8	1	o	536.4963	572.5010	0.34	1.09618
4	21	2	8	1	o	435.8264	432.2129	0.65	1.09482
8	18	1	8	1	o	126.9732	124.1154	0.28	1.09418
5	22	1	8	1	o	197.1745	191.4120	180.88	1.09408
6	19	2	8	1	o	3055.5859	2972.4543	0.59	1.09304
9	16	1	8	1	o	687.6302	678.1636	0.36	1.09266
2	19	3	8	1	o	300.8524	294.8878	0.33	1.09251
6	21	1	8	1	o	730.3765	727.5748	0.11	1.09221
10	10	2	8	1	o	0.4098	0.4162	183.40	1.09180
11	11	0	4	1	o	103.4680	111.0585	0.16	1.09033
11	4	2	8	1	o	108.3829	117.5902	180.32	1.08995
0	14	4	4	1	o	65.2819	72.2174	0.91	1.08976
12	1	1	8	1	o	28.0510	30.5661	0.43	1.08975
9	7	3	8	1	o	263.1043	291.4786	0.30	1.08925
6	7	4	8	1	o	640.4318	714.0195	180.56	1.08924
2	24	1	8	1	o	999.8582	1123.2278	0.34	1.08885
8	11	3	8	1	o	44.8945	50.0517	0.01	1.08722
12	2	1	8	1	o	114.1122	126.2634	179.95	1.08711
4	23	1	8	1	o	2.6002	2.8918	359.94	1.08692
9	17	0	4	1	o	13439.8340	14864.4160	180.44	1.08680
1	14	4	8	1	o	0.1655	0.1812	348.27	1.08617
11	10	1	8	1	o	271.9361	292.9581	180.41	1.08562
7	0	4	4	1	o	1390.3549	1493.0372	359.48	1.08547
7	1	4	8	1	o	9133.8262	9641.5840	0.38	1.08460
8	16	2	8	1	o	1536.3547	1618.8730	0.41	1.08442
5	10	4	8	1	o	64.9094	67.9569	0.31	1.08408
12	3	1	8	1	o	731.9520	766.6784	180.66	1.08276
3	22	2	8	1	o	6.2536	6.5327	181.39	1.08225
12	6	0	4	1	o	1645.0580	1723.0369	180.74	1.08220
11	5	2	8	1	o	0.5843	0.6121	178.97	1.08209
7	2	4	8	1	o	76.8965	80.4189	180.09	1.08200
4	18	3	8	1	o	0.0015	0.0015	171.23	1.08183
7	20	1	8	1	o	581.0304	608.2655	0.48	1.08145
3	13	4	8	1	o	303.9082	317.7121	180.63	1.08114

5 17 3 8 1 o	5.0237	5.2795	0.23	1.08019
1 25 0 4 1 o	26.7687	28.2202	0.43	1.07986
7 18 2 8 1 o	917.6247	981.1367	179.43	1.07881
4 12 4 8 1 o	354.2856	383.5926	180.06	1.07796
5 23 0 4 1 o	4864.4458	5266.0225	180.57	1.07781
6 22 0 4 1 o	269.1472	291.4745	180.39	1.07773
7 3 4 8 1 o	223.9234	242.5143	180.41	1.07771
10 14 1 8 1 o	210.9010	228.3288	0.32	1.07709
12 4 1 8 1 o	635.4774	686.3733	0.55	1.07675
9 8 3 8 1 o	8980.9131	9683.5000	0.47	1.07627
6 8 4 8 1 o	15.7092	16.9610	359.70	1.07626
9 14 2 8 1 o	23.4074	25.1920	0.01	1.07609
7 14 3 8 1 o	1945.7169	2081.3271	180.60	1.07559
2 14 4 8 1 o	142.9593	152.8512	0.06	1.07558
3 19 3 8 1 o	43.6739	46.1638	0.22	1.07474
10 11 2 8 1 o	12.6220	13.3362	1.23	1.07364
11 6 2 8 1 o	9560.3145	10140.1973	180.37	1.07271
1 23 2 8 1 o	0.0952	0.1013	350.99	1.07186
7 4 4 8 1 o	21.8198	23.2615	359.74	1.07179
3 24 1 8 1 o	115.7936	124.1022	0.16	1.07125
6 16 3 8 1 o	80.8036	87.9929	0.33	1.06995
1 20 3 8 1 o	30.2597	33.1521	181.19	1.06953
4 24 0 4 1 o	1640.6578	1803.8228	359.91	1.06929
12 5 1 8 1 o	265.7671	292.3977	0.29	1.06918
7 21 0 4 1 o	850.9543	938.8885	180.53	1.06905
11 11 1 8 1 o	6.5321	7.2904	181.86	1.06776
8 12 3 8 1 o	375.7078	420.1215	0.39	1.06762
5 11 4 8 1 o	1.9343	2.1576	177.46	1.06629
9 17 1 8 1 o	3.0832	3.5819	178.54	1.06445
7 5 4 8 1 o	560.9884	655.8818	0.58	1.06432
10 1 3 8 1 o	93.4768	110.2202	180.38	1.06383
5 21 2 8 1 o	3.3956	4.0842	4.17	1.06324
8 19 1 8 1 o	64.7538	77.9434	180.20	1.06257
9 9 3 8 1 o	424.9368	510.1876	180.39	1.06211
6 9 4 8 1 o	30.1996	36.4887	179.97	1.06210
11 7 2 8 1 o	0.0444	0.0530	2.39	1.06194
1 15 4 8 1 o	50.8790	61.6283	0.10	1.06169
2 23 2 8 1 o	552.3383	666.1066	0.68	1.06168
10 2 3 8 1 o	7.3369	8.7394	179.77	1.06138
0 25 1 4 1 o	562.0153	674.4619	0.40	1.06125
12 6 1 8 1 o	6.1587	7.1843	181.07	1.06013
6 20 2 8 1 o	1842.3649	2157.7886	180.24	1.05990
2 20 3 8 1 o	10.0353	11.6199	359.80	1.05942
12 8 0 4 1 o	5.5288	6.1779	359.39	1.05880
3 14 4 8 1 o	19.3071	21.4856	179.25	1.05861
4 22 2 8 1 o	10.3694	11.3315	0.45	1.05828
1 25 1 8 1 o	276.6946	297.1953	180.63	1.05793
10 3 3 8 1 o	1726.3011	1818.4519	0.84	1.05733
4 13 4 8 1 o	762.1857	793.5414	180.78	1.05723
8 17 2 8 1 o	9732.3691	10077.2178	180.39	1.05683
5 23 1 8 1 o	269.4274	274.8711	0.28	1.05600
6 22 1 8 1 o	1148.2592	1172.2240	180.61	1.05592
7 6 4 8 1 o	20.8914	21.3607	182.77	1.05539
10 12 2 8 1 o	29.5667	30.6826	182.53	1.05475

0 1 5 4 1 o	314.7540	326.8315	0.26	1.05433
10 15 1 8 1 o	364.3583	396.5312	0.76	1.05321
3 25 0 4 1 o	412.1088	458.2673	0.58	1.05277
8 20 0 4 1 o	52.7444	59.4416	0.27	1.05238
9 15 2 8 1 o	12.4367	14.0349	2.05	1.05227
7 15 3 8 1 o	228.2460	262.6382	0.23	1.05181
2 15 4 8 1 o	1448.6066	1689.3517	180.35	1.05180
10 4 3 8 1 o	0.9303	1.0619	0.04	1.05173
5 18 3 8 1 o	45.7194	53.3273	359.94	1.05133
4 19 3 8 1 o	140.8062	164.7005	180.23	1.05125
1 1 5 8 1 o	29.4261	34.9413	180.08	1.05107
11 13 0 4 1 o	864.3975	970.3055	180.34	1.05024
11 8 2 8 1 o	78.6543	86.6576	0.26	1.04990
12 7 1 8 1 o	795.5361	866.9097	180.37	1.04973
10 16 0 4 1 o	3229.7478	3496.4429	180.41	1.04953
11 12 1 8 1 o	560.0604	591.6141	0.37	1.04917
1 2 5 8 1 o	1.1937	1.2237	2.78	1.04870
7 19 2 8 1 o	1602.4436	1618.1931	0.53	1.04848
2 25 1 8 1 o	2779.0642	2740.5112	0.47	1.04814
0 3 5 4 1 o	680.7396	661.5719	0.78	1.04800
4 24 1 8 1 o	88.9224	86.8905	181.38	1.04798
5 12 4 8 1 o	2971.9050	2863.6572	180.09	1.04778
7 21 1 8 1 o	139.3067	134.6104	181.19	1.04775
8 13 3 8 1 o	199.3421	190.0804	180.52	1.04747
9 10 3 8 1 o	2607.4912	2439.0256	0.58	1.04693
6 10 4 8 1 o	199.4739	185.0023	0.23	1.04692
3 23 2 8 1 o	1069.6923	978.1780	0.60	1.04535
7 7 4 8 1 o	10.9129	10.0740	0.59	1.04513
1 3 5 8 1 o	3779.0149	3482.8931	180.48	1.04480
10 5 3 8 1 o	11.3672	10.7453	180.80	1.04467
6 17 3 8 1 o	61.8801	62.0967	180.63	1.04342
3 20 3 8 1 o	303.0143	308.6605	0.72	1.04318
0 26 0 2 1 o	6.5144	6.9311	2.46	1.04173
2 1 5 8 1 o	29.9397	32.0470	0.40	1.04147
0 16 4 4 1 o	19.2684	20.0936	180.82	1.04041
0 21 3 4 1 o	5822.2168	6033.7939	180.53	1.04003
1 4 5 8 1 o	93.6258	96.6856	0.41	1.03940
2 2 5 8 1 o	107.3319	111.0564	180.60	1.03917
12 8 1 8 1 o	899.9208	937.4152	0.58	1.03810
0 24 2 4 1 o	2983.0898	3127.1333	180.45	1.03757
1 16 4 8 1 o	27.4013	28.7522	0.92	1.03727
1 21 3 8 1 o	193.6629	202.0301	180.33	1.03690
9 18 1 8 1 o	77.2954	80.1713	180.27	1.03680
11 9 2 8 1 o	82.3223	85.2001	0.13	1.03675
10 6 3 8 1 o	28.8748	29.6303	359.84	1.03622
4 14 4 8 1 o	1.7626	1.8087	2.64	1.03614
3 15 4 8 1 o	32.9729	33.6343	180.34	1.03591
0 5 5 4 1 o	152.2728	154.2530	180.42	1.03567
8 0 4 4 1 o	7133.4531	7211.0718	0.50	1.03554
2 3 5 8 1 o	2355.1230	2365.5542	180.50	1.03536
10 13 2 8 1 o	14.5825	14.6784	179.89	1.03530
8 1 4 8 1 o	5927.0737	5900.2676	0.45	1.03478
1 24 2 8 1 o	3018.6008	2981.7458	0.53	1.03446
7 8 4 8 1 o	18.3799	18.0940	0.60	1.03365

1 5 5 8 1 o	21.8582	21.6052	180.82	1.03258
8 2 4 8 1 o	48.6288	48.2898	0.79	1.03252
3 25 1 8 1 o	279.0271	277.1426	179.82	1.03241
8 20 1 8 1 o	175.8414	175.6163	0.97	1.03204
9 11 3 8 1 o	822.5050	827.9103	0.27	1.03088
6 11 4 8 1 o	1003.5240	1010.6373	0.57	1.03087
12 10 0 4 1 o	140.8680	141.7707	0.46	1.03082
2 4 5 8 1 o	573.5681	575.0334	180.60	1.03011
11 13 1 8 1 o	14.2322	14.2819	179.59	1.03003
8 18 2 8 1 o	6069.4404	6072.2236	0.58	1.02975
5 22 2 8 1 o	0.2443	0.2440	182.02	1.02967
10 16 1 8 1 o	1.5460	1.5435	3.39	1.02936
2 26 0 4 1 o	469.3341	467.1012	0.07	1.02932
9 19 0 4 1 o	1430.1451	1422.9333	180.54	1.02881
8 3 4 8 1 o	837.0173	832.1795	180.64	1.02879
5 13 4 8 1 o	393.5241	389.8855	0.63	1.02871
9 16 2 8 1 o	201.4441	200.5581	180.58	1.02849
13 1 0 4 1 o	998.3695	999.0140	359.74	1.02822
6 21 2 8 1 o	482.9941	480.6067	180.68	1.02811
7 16 3 8 1 o	1150.1399	1145.5254	180.50	1.02805
2 16 4 8 1 o	1494.2261	1481.0195	180.51	1.02804
2 21 3 8 1 o	2755.1860	2747.7876	0.53	1.02768
8 14 3 8 1 o	2.3179	2.3528	359.26	1.02694
12 0 2 4 1 o	9113.3418	9313.4414	180.61	1.02679
10 7 3 8 1 o	1024.8927	1052.2849	0.40	1.02650
12 1 2 8 1 o	381.5569	396.5715	180.75	1.02605
3 1 5 8 1 o	10.6419	11.0088	180.13	1.02604
12 9 1 8 1 o	7661.1123	8111.2148	180.57	1.02537
2 24 2 8 1 o	1502.3624	1589.9417	0.43	1.02531
1 6 5 8 1 o	393.3820	430.9769	180.26	1.02442
12 2 2 8 1 o	139.3602	156.0700	180.01	1.02385
3 2 5 8 1 o	78.0053	88.0625	180.80	1.02384
4 23 2 8 1 o	1672.7878	1897.8807	180.66	1.02370
8 4 4 8 1 o	9.3640	10.6354	179.31	1.02363
2 5 5 8 1 o	967.6656	1116.1210	0.36	1.02347
5 19 3 8 1 o	11.2239	13.0716	180.25	1.02319
11 10 2 8 1 o	76.6194	90.4920	180.02	1.02261
13 3 0 4 1 o	51.3478	60.9464	0.53	1.02234
4 20 3 8 1 o	97.2085	119.8584	0.32	1.02166
6 23 1 8 1 o	181.5154	222.3544	180.30	1.02156
7 9 4 8 1 o	3.7985	4.6432	180.13	1.02108
12 3 2 8 1 o	113.6726	132.8770	180.03	1.02022
3 3 5 8 1 o	1984.9768	2367.0347	0.41	1.02020
5 24 1 8 1 o	283.8314	335.3941	0.62	1.02019
7 20 2 8 1 o	22.8230	25.4731	359.95	1.01912
1 26 1 8 1 o	315.1669	349.9729	0.61	1.01903
0 7 5 4 1 o	630.3360	675.4566	180.44	1.01796
6 18 3 8 1 o	19.2227	20.6571	180.23	1.01733
8 5 4 8 1 o	733.6205	788.6739	0.66	1.01712
10 8 3 8 1 o	18.4265	19.5393	179.88	1.01562
7 22 1 8 1 o	131.9005	139.6665	0.79	1.01559
2 6 5 8 1 o	44.9010	47.3807	0.63	1.01553
10 14 2 8 1 o	10.0618	10.6439	179.80	1.01547
12 4 2 8 1 o	319.3700	337.0630	0.36	1.01519



3 4 5 8 1 o	735.8079	770.1821	180.56	1.01517
1 7 5 8 1 o	232.8538	242.6545	180.47	1.01503
4 15 4 8 1 o	212.2995	221.2735	1.12	1.01483
9 12 3 8 1 o	975.1517	1022.4735	180.60	1.01412
6 12 4 8 1 o	169.6548	177.1568	0.13	1.01412
3 16 4 8 1 o	6.1861	6.6055	359.17	1.01319
1 17 4 8 1 o	959.2723	1029.7867	180.47	1.01305
3 21 3 8 1 o	89.2340	96.5124	0.33	1.01284
12 10 1 8 1 o	897.6220	986.8026	0.50	1.01169
4 25 1 8 1 o	2228.2590	2466.7866	0.35	1.01154
13 5 0 4 1 o	1490.7235	1635.4335	180.55	1.01089
3 24 2 8 1 o	1290.2075	1417.2284	180.52	1.01057
11 14 1 8 1 o	0.0001	0.0001	13.40	1.01049
2 26 1 8 1 o	8244.0146	9017.8135	180.38	1.01027
9 19 1 8 1 o	26.3167	28.6168	0.36	1.00979
8 6 4 8 1 o	895.5784	970.4224	0.41	1.00932
5 14 4 8 1 o	8.9817	9.7260	359.39	1.00925
13 1 1 8 1 o	42.6470	46.1877	180.39	1.00923
12 5 2 8 1 o	805.9141	871.5300	180.50	1.00883
3 5 5 8 1 o	4.8792	5.2725	0.77	1.00881
11 15 0 4 1 o	22.9637	24.8244	180.62	1.00864
11 11 2 8 1 o	18.0090	19.5072	0.47	1.00764
7 10 4 8 1 o	8.0017	8.6800	359.84	1.00757
13 2 1 8 1 o	65.3889	70.9199	180.41	1.00714
6 24 0 4 1 o	3080.3164	3356.0078	180.20	1.00689
2 7 5 8 1 o	1389.3667	1522.9801	180.22	1.00637
8 15 3 8 1 o	187.8710	204.8145	181.43	1.00618
1 22 3 8 1 o	342.3407	373.5963	180.43	1.00569
10 17 1 8 1 o	14.0816	15.2808	0.31	1.00567
4 1 5 8 1 o	175.7219	191.5092	0.34	1.00554
9 17 2 8 1 o	1582.1359	1698.1604	0.24	1.00486
1 8 5 8 1 o	216.9025	232.0173	180.58	1.00450
7 17 3 8 1 o	0.6696	0.7136	180.56	1.00445
2 17 4 8 1 o	7716.0571	8235.7607	0.38	1.00444
5 25 0 4 1 o	18.4038	19.4974	359.22	1.00418
10 9 3 8 1 o	42880.4609	44912.3242	0.47	1.00369
13 3 1 8 1 o	495.5422	518.7632	180.97	1.00367
4 2 5 8 1 o	130.7991	136.2540	0.83	1.00347
8 19 2 8 1 o	2629.4084	2729.1648	180.46	1.00327
8 21 1 8 1 o	33.9091	34.7837	2.11	1.00263
7 23 0 4 1 o	1638.1115	1677.1500	0.70	1.00253
12 6 2 8 1 o	4705.2354	4779.1489	180.38	1.00122
3 6 5 8 1 o	1056.9879	1068.4978	0.58	1.00120
1 27 0 4 1 o	132.0297	133.9664	0.16	1.00034
8 7 4 8 1 o	152.8890	155.1761	0.86	1.00033
4 3 5 8 1 o	157.0332	159.5023	0.53	1.00004
10 18 0 4 1 o	38890.2148	39523.3594	180.47	0.99973
11 1 3 8 1 o	55.9993	56.8980	0.19	0.99952
12 12 0 4 1 o	9540.4678	9693.4160	0.38	0.99946
1 25 2 8 1 o	359.0786	365.1607	180.40	0.99936
13 4 1 8 1 o	58.1524	58.9535	181.41	0.99888
5 23 2 8 1 o	371.4162	372.7243	180.85	0.99774
6 22 2 8 1 o	76.0272	76.2291	0.07	0.99767
11 2 3 8 1 o	461.8436	462.2920	180.23	0.99748

2 22 3 8 1 o	22.1400	22.0650	180.15	0.99727
12 11 1 8 1 o	272.7638	272.1348	0.37	0.99719
9 13 3 8 1 o	121.4967	120.5873	179.92	0.99680
6 13 4 8 1 o	1004.0296	994.9973	0.71	0.99680
3 26 1 8 1 o	8034.7090	7924.4976	0.50	0.99616
2 8 5 8 1 o	3914.6965	3850.9641	180.42	0.99611
5 20 3 8 1 o	2228.8918	2196.6006	180.50	0.99586
0 9 5 4 1 o	3168.3765	3115.3586	0.53	0.99571
10 15 2 8 1 o	122.8153	121.3513	359.75	0.99538
4 4 5 8 1 o	1907.3660	1880.6693	0.55	0.99530
4 26 0 4 1 o	151.8383	150.3156	179.92	0.99459
13 7 0 4 1 o	248.1057	245.9807	180.54	0.99440
11 3 3 8 1 o	202.5030	200.8457	0.37	0.99412
4 16 4 8 1 o	1443.8488	1432.5287	180.33	0.99344
7 11 4 8 1 o	47.4841	47.1478	180.83	0.99324
4 21 3 8 1 o	1697.0630	1685.5861	180.45	0.99311
1 9 5 8 1 o	5684.8960	5648.5405	180.66	0.99296
13 5 1 8 1 o	52.8753	52.5889	0.70	0.99283
12 7 2 8 1 o	1.4478	1.4414	181.23	0.99244
3 7 5 8 1 o	94.3252	94.0334	179.83	0.99243
11 12 2 8 1 o	1625.6193	1619.8815	0.70	0.99197
0 18 4 4 1 o	557.4979	557.2748	0.45	0.99184
6 19 3 8 1 o	252.6284	252.0926	0.26	0.99178
8 22 0 4 1 o	479.8584	477.8373	0.39	0.99139
2 25 2 8 1 o	104.4747	103.8841	0.45	0.99110
4 24 2 8 1 o	1271.5093	1261.8940	180.36	0.99097
10 10 3 8 1 o	180.3577	178.5190	0.21	0.99085
7 21 2 8 1 o	977.1945	966.6273	180.62	0.99077
11 15 1 8 1 o	937.5963	925.9855	0.93	0.99069
3 17 4 8 1 o	6670.6499	6580.2095	180.48	0.99058
8 8 4 8 1 o	262.2414	257.1334	180.33	0.99025
5 15 4 8 1 o	48.0266	46.4778	180.14	0.98952
11 4 3 8 1 o	608.3114	590.9649	0.42	0.98946
4 5 5 8 1 o	126.3435	121.8454	180.23	0.98931
1 18 4 8 1 o	10145.7979	9765.8174	0.63	0.98912
6 24 1 8 1 o	884.3140	854.0380	0.57	0.98904
9 0 4 4 1 o	10401.1768	10143.9268	0.59	0.98650
5 25 1 8 1 o	0.1992	0.1944	181.11	0.98647
9 1 4 8 1 o	437.0635	423.2408	0.37	0.98585
13 6 1 8 1 o	29.4251	28.4207	0.95	0.98557
0 27 1 4 1 o	2480.2029	2386.2405	180.49	0.98549
8 16 3 8 1 o	33.2773	31.9659	180.43	0.98533
7 23 1 8 1 o	63.3963	60.5476	180.15	0.98491
2 9 5 8 1 o	8637.7158	8204.3008	180.64	0.98485
9 2 4 8 1 o	189.5445	180.5903	180.28	0.98389
3 22 3 8 1 o	1292.1019	1227.1991	0.59	0.98370
11 5 3 8 1 o	175.5329	167.8851	180.45	0.98357
9 20 1 8 1 o	72.3642	69.1152	180.43	0.98348
1 27 1 8 1 o	8641.8975	8292.4424	180.64	0.98283
12 8 2 8 1 o	227.0650	219.4871	0.30	0.98260
3 8 5 8 1 o	7859.2964	7552.5054	180.52	0.98258
10 18 1 8 1 o	71.1693	69.0062	0.04	0.98225
4 6 5 8 1 o	150.9505	146.0923	180.62	0.98213
12 12 1 8 1 o	43.2078	42.0954	180.51	0.98200

9 18 2 8 1 o	7005.8633	6869.0728	180.62	0.98149
7 18 3 8 1 o	222.9788	219.9003	0.31	0.98111
2 18 4 8 1 o	5840.8906	5748.6816	180.51	0.98111
5 1 5 8 1 o	65.2715	64.5532	180.23	0.98091
9 3 4 8 1 o	130.1052	129.6479	180.40	0.98066
1 10 5 8 1 o	64.1879	63.9636	180.27	0.98052
8 9 4 8 1 o	30.8780	32.1364	0.00	0.97919
9 14 3 8 1 o	1593.6600	1664.9368	0.46	0.97906
6 14 4 8 1 o	352.8897	369.2131	0.35	0.97906
5 2 5 8 1 o	531.3760	557.8307	0.53	0.97898
3 27 0 4 1 o	48.5943	51.5086	180.53	0.97869
0 23 3 4 1 o	734.7001	785.9830	0.34	0.97848
7 12 4 8 1 o	4792.7007	5153.4805	0.32	0.97823
3 25 2 8 1 o	54.1256	58.9317	180.18	0.97777
8 20 2 8 1 o	481.0763	523.4891	180.53	0.97746
4 26 1 8 1 o	381.4478	416.5654	1.92	0.97737
10 11 3 8 1 o	454.5374	493.5359	180.41	0.97721
13 7 1 8 1 o	14.8333	16.0373	0.06	0.97719
11 6 3 8 1 o	174.4821	187.6786	180.16	0.97652
9 4 4 8 1 o	14.2069	15.1950	0.35	0.97620
1 23 3 8 1 o	145.9992	154.8337	0.51	0.97587
5 3 5 8 1 o	347.4942	367.6382	180.25	0.97580
11 13 2 8 1 o	174.6467	184.7112	180.34	0.97575
10 16 2 8 1 o	897.8298	939.2336	0.38	0.97518
2 27 1 8 1 o	3726.4800	3873.6763	0.60	0.97496
8 22 1 8 1 o	1013.2841	1055.4819	0.45	0.97434
9 21 0 4 1 o	2131.4294	2226.2825	0.45	0.97412
4 7 5 8 1 o	1.2440	1.2989	354.71	0.97384
13 9 0 4 1 o	182.3612	192.8688	0.19	0.97363
2 10 5 8 1 o	2360.3101	2560.5918	180.43	0.97271
4 17 4 8 1 o	781.2721	875.3039	181.33	0.97210
12 9 2 8 1 o	98.6743	111.9646	180.15	0.97179
3 9 5 8 1 o	190.2399	217.6177	178.45	0.97177
5 4 5 8 1 o	176.1054	206.1422	0.93	0.97140
11 16 1 8 1 o	4.2571	5.0964	179.30	0.97077
9 5 4 8 1 o	1.0810	1.3130	182.05	0.97054
0 11 5 4 1 o	674.4876	857.3922	180.33	0.96984
5 16 4 8 1 o	9.3197	11.6732	180.17	0.96966
5 21 3 8 1 o	40.7295	50.7179	180.20	0.96935
0 26 2 4 1 o	37.2254	45.9549	0.22	0.96891
6 23 2 8 1 o	1155.7264	1400.7510	0.75	0.96854
11 7 3 8 1 o	17.6455	21.0288	359.53	0.96837
2 23 3 8 1 o	43.5613	52.3101	180.49	0.96818
3 18 4 8 1 o	104.3396	125.4703	357.36	0.96817
13 8 1 8 1 o	3657.3503	4244.5811	180.53	0.96779
5 24 2 8 1 o	216.4027	249.2156	0.30	0.96737
0 28 0 2 1 o	40.9018	47.0101	0.72	0.96732
1 11 5 8 1 o	36.5448	42.3172	180.26	0.96730
8 10 4 8 1 o	50.7347	57.9501	179.94	0.96725
6 20 3 8 1 o	27.4911	30.7051	180.53	0.96682
11 17 0 4 1 o	8728.2422	9592.0225	180.34	0.96665
1 26 2 8 1 o	4.7204	5.1247	181.57	0.96638
12 13 1 8 1 o	12.9315	13.8110	180.46	0.96625
12 14 0 4 1 o	31.0984	32.2795	180.53	0.96585

5 5 5 8 1 o	17.9996	18.6650	0.40	0.96582
4 22 3 8 1 o	72.7085	73.8257	180.15	0.96559
1 19 4 8 1 o	195.3226	198.1796	0.26	0.96559
4 8 5 8 1 o	339.5903	316.2770	1.67	0.96453
8 17 3 8 1 o	131.2162	123.3709	180.07	0.96449
9 6 4 8 1 o	256.7483	237.3973	1.56	0.96376
7 22 2 8 1 o	22.1321	20.4335	1.15	0.96344
10 12 3 8 1 o	11.5611	10.9085	180.66	0.96291
7 13 4 8 1 o	114.3372	108.5112	180.97	0.96266
3 27 1 8 1 o	24.2963	23.5616	174.15	0.96227
9 15 3 8 1 o	147.0345	150.5787	180.39	0.96102
6 15 4 8 1 o	1422.4098	1461.2970	180.56	0.96102
12 10 2 8 1 o	41.5120	42.8718	180.14	0.96011
3 10 5 8 1 o	2668.1350	2778.0232	180.55	0.96010
4 25 2 8 1 o	26.5627	27.5628	181.15	0.95999
2 11 5 8 1 o	126.6396	131.6236	0.91	0.95980
11 8 3 8 1 o	8710.3125	8941.4795	0.34	0.95922
10 19 1 8 1 o	51.4476	52.8136	359.93	0.95919
5 6 5 8 1 o	25.8630	26.5649	182.77	0.95914
11 14 2 8 1 o	39.3779	40.3528	180.34	0.95909
2 26 2 8 1 o	168.9321	172.6801	180.42	0.95890
13 0 2 4 1 o	2251.0083	2290.9714	0.86	0.95861
9 19 2 8 1 o	86.3915	87.6657	180.67	0.95849
6 25 1 8 1 o	2820.6616	2847.7031	0.35	0.95823
7 19 3 8 1 o	1.4220	1.4334	0.23	0.95813
2 19 4 8 1 o	1125.6022	1132.0883	0.56	0.95813
13 1 2 8 1 o	1762.1000	1779.9430	180.68	0.95801
9 21 1 8 1 o	869.3561	874.8383	0.86	0.95793
13 9 1 8 1 o	3258.5317	3276.7832	180.79	0.95746
2 28 0 4 1 o	102.0725	102.0096	180.50	0.95736
13 2 2 8 1 o	1.0675	1.0846	359.43	0.95622
9 7 4 8 1 o	59.8152	61.0123	180.59	0.95592
3 23 3 8 1 o	12.3330	12.6247	181.01	0.95574
7 24 1 8 1 o	25.7799	26.4555	359.98	0.95566
14 0 0 2 1 o	9342.1211	9630.0391	0.61	0.95547
10 17 2 8 1 o	536.9898	559.0605	179.88	0.95497
5 26 1 8 1 o	1286.5050	1346.8226	359.99	0.95471
8 11 4 8 1 o	147.1751	154.2665	180.98	0.95455
4 9 5 8 1 o	2075.9504	2186.4514	180.17	0.95430
1 12 5 8 1 o	1.7028	1.7820	180.37	0.95341
13 3 2 8 1 o	9.0083	9.3610	3.10	0.95325
6 1 5 8 1 o	8.4134	8.7314	179.87	0.95312
14 2 0 4 1 o	80.2639	83.1959	180.30	0.95310
8 21 2 8 1 o	162.6343	165.6482	0.89	0.95236
10 20 0 4 1 o	826.1544	833.6879	0.55	0.95168
5 7 5 8 1 o	5.8595	5.8611	180.10	0.95141
6 2 5 8 1 o	261.2868	261.9253	180.68	0.95136
4 18 4 8 1 o	805.1692	811.5557	180.32	0.95090
11 17 1 8 1 o	5.4979	5.6078	181.08	0.95082
12 14 1 8 1 o	321.1704	337.4274	0.73	0.95006
5 17 4 8 1 o	1550.8796	1649.0916	180.14	0.94979
13 11 0 4 1 o	222.4315	241.2497	0.53	0.94940
11 9 3 8 1 o	55.7090	61.1488	0.96	0.94915
13 4 2 8 1 o	1.1353	1.2440	180.90	0.94915

1 28 1 8 1 o	305.0317	337.9348	180.46	0.94906
6 3 5 8 1 o	3.3328	3.7783	0.73	0.94844
10 13 3 8 1 o	129.4411	146.3431	0.47	0.94804
12 11 2 8 1 o	63.2212	71.3078	0.44	0.94769
3 11 5 8 1 o	13.9675	15.8713	180.13	0.94768
1 24 3 8 1 o	32.6254	36.8266	0.10	0.94740
8 23 1 8 1 o	0.1576	0.1772	182.33	0.94715
9 8 4 8 1 o	5.3570	6.0208	180.95	0.94711
3 26 2 8 1 o	28.4660	31.8963	179.83	0.94681
7 14 4 8 1 o	59.3655	66.5807	180.15	0.94665
13 10 1 8 1 o	519.0414	586.9535	180.81	0.94629
2 12 5 8 1 o	34.7225	39.0862	0.70	0.94623
14 4 0 4 1 o	222.3682	252.6278	180.49	0.94609
3 19 4 8 1 o	559.4832	633.9416	180.59	0.94607
4 27 1 8 1 o	247.2566	289.4807	0.07	0.94530
0 20 4 4 1 o	308.8091	369.7550	0.52	0.94486
6 4 5 8 1 o	1356.6036	1631.7378	180.59	0.94439
13 5 2 8 1 o	392.1008	464.5236	180.68	0.94395
6 26 0 4 1 o	319.6785	381.4254	0.33	0.94378
8 18 3 8 1 o	22.9319	27.3215	0.22	0.94377
5 22 3 8 1 o	786.5147	938.8508	180.74	0.94371
4 10 5 8 1 o	537.0076	632.3707	1.05	0.94324
9 16 3 8 1 o	56.6418	65.5063	179.73	0.94280
6 16 4 8 1 o	1719.8975	1988.2036	180.32	0.94280
5 8 5 8 1 o	516.8778	595.8573	179.75	0.94273
6 21 3 8 1 o	63.7144	73.0113	181.06	0.94251
1 20 4 8 1 o	455.6511	520.9608	180.52	0.94251
7 25 0 4 1 o	771.7717	883.8882	0.52	0.94247
11 15 2 8 1 o	502.9332	574.0202	0.15	0.94211
2 28 1 8 1 o	556.0392	631.1449	180.62	0.94198
0 13 5 4 1 o	86.4310	98.3323	359.98	0.94130
8 12 4 8 1 o	1186.3389	1360.6674	180.41	0.94120
12 1 3 8 1 o	9.9000	11.4670	180.94	0.94093
6 24 2 8 1 o	19.9757	23.3052	359.38	0.94069
2 24 3 8 1 o	247.5200	293.0210	0.34	0.94035
14 1 1 8 1 o	337.6275	405.7800	0.30	0.93961
5 27 0 4 1 o	1.8164	2.2204	178.70	0.93929
6 5 5 8 1 o	224.3554	275.0468	0.32	0.93927
12 2 3 8 1 o	33.9636	41.1839	0.16	0.93923
10 0 4 4 1 o	544.2329	662.8256	0.03	0.93917
4 23 3 8 1 o	211.4801	259.8378	0.42	0.93911
1 13 5 8 1 o	217.0019	268.6925	180.49	0.93898
10 1 4 8 1 o	116.4666	142.1989	359.66	0.93860
5 25 2 8 1 o	361.5962	443.8397	180.53	0.93848
11 10 3 8 1 o	2999.6643	3647.2480	0.32	0.93827
14 2 1 8 1 o	152.8757	184.0651	180.69	0.93791
13 6 2 8 1 o	4292.6792	5152.0698	0.39	0.93770
9 9 4 8 1 o	6.7872	8.1293	0.31	0.93742
7 23 2 8 1 o	438.1806	520.6379	0.79	0.93713
10 2 4 8 1 o	9.0511	10.6580	181.03	0.93692
10 20 1 8 1 o	301.6147	350.9243	180.38	0.93656
12 3 3 8 1 o	662.9140	767.0861	180.94	0.93642
9 20 2 8 1 o	21.9675	25.0005	0.77	0.93590
7 20 3 8 1 o	161.5687	181.9796	1.03	0.93557

2 20 4 8 1 o	824.2673	926.2834	0.26	0.93557
8 24 0 4 1 o	6626.8569	7439.2959	0.37	0.93542
1 27 2 8 1 o	63.8768	71.4484	0.28	0.93534
14 3 1 8 1 o	20.8934	23.4161	179.21	0.93511
10 18 2 8 1 o	6.5132	7.2563	186.50	0.93484
14 6 0 4 1 o	283.8608	316.8505	1.06	0.93476
12 12 2 8 1 o	532.8145	593.8736	0.80	0.93463
3 12 5 8 1 o	1307.2211	1445.4745	0.58	0.93461
13 11 1 8 1 o	44.8880	50.0602	0.79	0.93439
10 3 4 8 1 o	102.1640	113.9025	179.59	0.93413
12 15 1 8 1 o	313.3568	352.7477	180.75	0.93355
5 9 5 8 1 o	29.1958	33.2479	180.77	0.93317
9 22 1 8 1 o	4.7945	5.4513	181.58	0.93316
6 6 5 8 1 o	217.2808	247.8244	0.57	0.93311
10 14 3 8 1 o	24.6509	28.3183	180.12	0.93274
12 4 3 8 1 o	3.5885	4.1247	179.83	0.93252
2 13 5 8 1 o	1.8896	2.2148	1.78	0.93212
1 29 0 4 1 o	14.3130	16.4941	1.76	0.93170
4 11 5 8 1 o	107.5566	123.2864	0.08	0.93146
14 4 1 8 1 o	505.8325	566.9772	180.90	0.93124
12 16 0 4 1 o	642.0897	713.3876	180.29	0.93099
11 18 1 8 1 o	11.0588	12.2696	0.07	0.93096
4 26 2 8 1 o	12.7754	13.9474	180.50	0.93064
3 28 1 8 1 o	47.1116	51.0676	1.10	0.93051
13 7 2 8 1 o	9.5972	10.4039	359.91	0.93048
7 15 4 8 1 o	124.5367	133.5578	180.21	0.93031
10 4 4 8 1 o	139.1969	149.1603	180.67	0.93026
5 18 4 8 1 o	165.2604	174.0369	0.52	0.92998
4 19 4 8 1 o	1266.3932	1329.2274	180.77	0.92993
4 28 0 4 1 o	115.3689	118.5639	0.37	0.92923
6 26 1 8 1 o	4477.1938	4591.8120	180.70	0.92903
3 24 3 8 1 o	965.4023	985.5463	180.56	0.92894
2 27 2 8 1 o	55.0902	56.2925	180.31	0.92855
8 22 2 8 1 o	20.1470	20.8255	0.79	0.92801
7 25 1 8 1 o	73.0822	75.8886	180.65	0.92778
12 5 3 8 1 o	3.8607	4.0350	180.14	0.92759
8 13 4 8 1 o	687.6254	721.3531	180.56	0.92731
9 10 4 8 1 o	36.7998	38.8335	180.17	0.92693
11 11 3 8 1 o	50.5135	53.4187	180.71	0.92666
14 5 1 8 1 o	1.1661	1.2347	179.69	0.92632
6 7 5 8 1 o	259.1669	273.5879	180.46	0.92600
10 5 4 8 1 o	3.4329	3.6258	359.12	0.92536
11 19 0 4 1 o	628.9746	665.1088	180.36	0.92516
11 16 2 8 1 o	2.6447	2.8045	176.71	0.92493
5 27 1 8 1 o	101.9506	108.0433	180.58	0.92474
9 17 3 8 1 o	11.7573	12.5422	0.25	0.92450
6 17 4 8 1 o	5103.0742	5431.7290	0.64	0.92450
3 20 4 8 1 o	8.6797	9.2662	178.26	0.92433
1 14 5 8 1 o	0.1977	0.2123	5.27	0.92411
8 19 3 8 1 o	7.4975	8.3132	0.53	0.92326
7 1 5 8 1 o	9.2653	10.3203	0.48	0.92314
9 23 0 4 1 o	934.8400	1045.9977	180.56	0.92301
5 10 5 8 1 o	71.9996	81.2280	1.46	0.92282
13 13 0 4 1 o	661.2540	750.0255	0.71	0.92258

0 25 3 4 1 o	5263.8081	6036.7212 180.43 0.92240
13 8 2 8 1 o	25.6873	29.3447 0.22 0.92235
13 12 1 8 1 o	180.3920	209.6385 0.59 0.92186
12 6 3 8 1 o	9.9042	11.5887 180.74 0.92166
7 2 5 8 1 o	63.1068	74.8058 181.03 0.92154
8 24 1 8 1 o	988.3518	1185.3004 180.44 0.92105
12 13 2 8 1 o	420.1153	500.0547 0.57 0.92102
3 13 5 8 1 o	102.7187	125.0029 0.43 0.92100
14 6 1 8 1 o	54.1633	64.1460 1.30 0.92042
1 25 3 8 1 o	30.8911	37.3771 179.93 0.92022
1 21 4 8 1 o	189.8867	227.6980 0.41 0.91995
0 29 1 4 1 o	249.3143	291.1266 180.31 0.91967
14 8 0 4 1 o	0.0250	0.0286 357.14 0.91955
10 6 4 8 1 o	330.9014	378.3990 180.54 0.91948
4 12 5 8 1 o	126.6431	140.2445 180.65 0.91904
5 23 3 8 1 o	18.9194	20.7498 0.31 0.91895
6 22 3 8 1 o	16.2479	17.7356 0.19 0.91889
7 3 5 8 1 o	13.7099	14.9513 182.54 0.91888
6 8 5 8 1 o	1950.6023	1991.8383 180.77 0.91799
3 27 2 8 1 o	14.6987	14.8946 0.01 0.91757
2 14 5 8 1 o	353.2995	354.8753 180.75 0.91756
1 29 1 8 1 o	152.1861	154.3156 0.87 0.91750
10 15 3 8 1 o	636.0172	654.3426 1.12 0.91711
12 16 1 8 1 o	58.0287	60.3722 180.09 0.91682
9 11 4 8 1 o	41.6780	44.8092 179.93 0.91574
7 4 5 8 1 o	780.6768	837.0665 180.55 0.91520
4 28 1 8 1 o	1052.9420	1127.3387 0.72 0.91514
10 19 2 8 1 o	0.3041	0.3239 6.65 0.91490
12 7 3 8 1 o	155.6637	165.6824 0.39 0.91480
11 12 3 8 1 o	253.0766	268.2644 180.29 0.91444
10 21 1 8 1 o	0.8409	0.8906 349.84 0.91442
3 29 0 4 1 o	109.0891	115.2359 181.06 0.91413
6 25 2 8 1 o	219.6275	232.2631 0.54 0.91406
9 21 2 8 1 o	48.0614	51.1178 179.74 0.91380
7 16 4 8 1 o	46.3695	49.2873 0.51 0.91375
2 25 3 8 1 o	1105.9135	1173.7484 180.27 0.91375
4 24 3 8 1 o	20.9342	22.2942 359.05 0.91365
14 7 1 8 1 o	51.2595	54.9114 180.77 0.91359
7 21 3 8 1 o	20.1253	21.5518 359.91 0.91350
2 21 4 8 1 o	386.3903	413.2004 180.58 0.91349
13 9 2 8 1 o	227.4024	244.6555 180.17 0.91339
8 14 4 8 1 o	14.3057	15.5841 180.46 0.91298
10 7 4 8 1 o	3.8439	4.2212 182.19 0.91267
7 24 2 8 1 o	88.5533	98.9004 1.07 0.91183
5 11 5 8 1 o	7.0448	7.8999 179.92 0.91177
11 19 1 8 1 o	0.0016	0.0018 283.87 0.91125
2 29 1 8 1 o	411.0338	460.9185 180.57 0.91109
5 26 2 8 1 o	29.2980	32.8245 0.21 0.91100
0 15 5 4 1 o	852.4755	960.7131 0.70 0.91100
7 5 5 8 1 o	17.2184	19.1943 180.87 0.91054
5 19 4 8 1 o	2.4815	2.7588 5.78 0.91034
4 20 4 8 1 o	0.0966	0.1036 16.51 0.90926
9 23 1 8 1 o	16.8417	17.9960 180.74 0.90920
6 9 5 8 1 o	4587.4971	4896.1377 180.27 0.90915

1 15 5 8 1 o	1635.5983	1727.1392	180.58	0.90889
13 13 1 8 1 o	160.3548	169.0522	0.22	0.90879
0 28 2 4 1 o	16.1698	16.6988	179.60	0.90818
11 17 2 8 1 o	303.3392	311.5062	0.87	0.90763
12 8 3 8 1 o	21.6138	22.1465	0.35	0.90708
12 14 2 8 1 o	245.3015	251.2961	180.57	0.90697
3 14 5 8 1 o	863.1575	879.4437	180.63	0.90696
9 18 3 8 1 o	13.9512	14.3291	359.95	0.90621
6 18 4 8 1 o	3150.6089	3233.5051	180.29	0.90620
1 28 2 8 1 o	57.8961	59.4744	359.80	0.90610
4 13 5 8 1 o	0.8730	0.8965	358.79	0.90609
14 8 1 8 1 o	434.4712	447.7646	181.41	0.90589
10 22 0 4 1 o	816.2207	840.7111	180.39	0.90586
10 8 4 8 1 o	0.1108	0.1148	356.66	0.90499
7 6 5 8 1 o	2289.4849	2370.9084	0.49	0.90493
8 23 2 8 1 o	425.2628	441.5469	180.86	0.90443
9 12 4 8 1 o	5193.1543	5407.7563	180.45	0.90393
13 10 2 8 1 o	29.8079	31.0359	180.53	0.90368
3 25 3 8 1 o	220.6223	230.6423	0.11	0.90328
8 20 3 8 1 o	0.0074	0.0078	160.40	0.90303
3 21 4 8 1 o	117.4002	122.7477	0.47	0.90302
0 30 0 2 1 o	4822.3638	5027.1846	0.54	0.90283
4 27 2 8 1 o	69.6429	72.6050	179.94	0.90282
2 15 5 8 1 o	1080.4344	1126.9148	180.58	0.90266
11 13 3 8 1 o	17.8213	18.0945	359.50	0.90168
6 27 1 8 1 o	1683.7413	1692.7335	0.23	0.90136
10 16 3 8 1 o	30.4523	30.5472	0.33	0.90123
7 26 1 8 1 o	10273.5830	10289.3623	0.47	0.90121
14 10 0 4 1 o	335.3749	335.6556	180.27	0.90104
3 29 1 8 1 o	24.8096	24.5587	358.92	0.90071
5 12 5 8 1 o	54.6889	53.8041	181.70	0.90012
0 22 4 4 1 o	14.7854	14.5379	178.92	0.89998
12 17 1 8 1 o	89.2741	88.4288	0.46	0.89997
2 28 2 8 1 o	0.1656	0.1632	185.14	0.89992
6 10 5 8 1 o	2009.4694	1989.0674	180.67	0.89957
12 9 3 8 1 o	0.4320	0.4353	238.73	0.89855
7 7 5 8 1 o	4.7387	4.7879	181.57	0.89844
14 0 2 4 1 o	61.7866	62.2962	0.37	0.89835
8 15 4 8 1 o	1961.0706	1982.1106	0.43	0.89830
1 22 4 8 1 o	7.3896	7.4806	1.32	0.89795
14 1 2 8 1 o	186.9924	188.4028	1.84	0.89786
14 9 1 8 1 o	0.7081	0.7102	359.15	0.89740
7 17 4 8 1 o	7275.2812	7251.5293	180.48	0.89706
10 9 4 8 1 o	258.8237	256.0666	180.14	0.89653
5 28 1 8 1 o	349.9339	345.3750	180.87	0.89645
14 2 2 8 1 o	126.8460	125.6169	180.45	0.89638
8 25 1 8 1 o	2371.1155	2334.2505	0.48	0.89601
6 23 3 8 1 o	110.7853	108.9217	180.18	0.89598
12 18 0 4 1 o	88.6400	87.3407	3.88	0.89570
13 14 1 8 1 o	695.8768	686.6049	180.56	0.89529
10 20 2 8 1 o	64.2005	63.2627	180.06	0.89520
5 24 3 8 1 o	6.8698	6.7581	3.25	0.89505
2 30 0 4 1 o	2133.9751	2103.2681	180.57	0.89472
1 26 3 8 1 o	12947.7314	12793.6338	180.39	0.89427



11	0	4	4	1	o	468.8518	466.3743	182.32	0.89403
13	15	0	4	1	o	168.8308	168.0707	359.69	0.89400
14	3	2	8	1	o	0.0340	0.0339	219.74	0.89393
11	1	4	8	1	o	529.5056	530.7326	0.51	0.89355
1	16	5	8	1	o	182.9154	183.1797	0.48	0.89343
13	11	2	8	1	o	377.0900	379.7933	0.37	0.89330
10	22	1	8	1	o	9.4803	9.6271	0.10	0.89280
4	14	5	8	1	o	1190.9719	1211.4308	0.68	0.89271
12	15	2	8	1	o	93.9838	95.7486	180.28	0.89257
3	15	5	8	1	o	889.2184	906.5362	0.54	0.89256
9	22	2	8	1	o	186.1187	190.2992	180.60	0.89223
11	2	4	8	1	o	13.4819	13.7991	179.47	0.89209
7	22	3	8	1	o	1427.1299	1461.7080	0.54	0.89194
2	22	4	8	1	o	3.2477	3.3262	183.00	0.89194
8	1	5	8	1	o	23.2026	23.7749	0.70	0.89184
11	20	1	8	1	o	254.8075	261.2423	0.27	0.89178
9	13	4	8	1	o	3.6384	3.7316	1.75	0.89160
15	1	0	4	1	o	7168.5962	7376.5278	0.64	0.89129
7	8	5	8	1	o	9271.0879	9520.0430	180.50	0.89111
5	20	4	8	1	o	116.7173	119.9610	180.32	0.89093
14	4	2	8	1	o	0.0482	0.0500	187.51	0.89055
8	2	5	8	1	o	83.9578	87.1004	0.84	0.89039
11	18	2	8	1	o	399.4014	415.8477	2.15	0.89030
3	28	2	8	1	o	42.8484	44.9800	179.83	0.88991
11	3	4	8	1	o	482.9828	511.4380	180.37	0.88968
6	11	5	8	1	o	626.8812	671.3210	0.22	0.88933
12	10	3	8	1	o	33.2650	35.6705	180.08	0.88930
4	25	3	8	1	o	1130.2852	1216.5237	180.58	0.88920
4	21	4	8	1	o	774.8400	841.6605	0.66	0.88896
6	26	2	8	1	o	98.1155	107.8699	180.23	0.88862
11	14	3	8	1	o	57.6820	63.6596	0.99	0.88848
2	26	3	8	1	o	118.1438	131.3555	180.37	0.88833
7	27	0	4	1	o	464.9360	519.0118	180.31	0.88820
14	10	1	8	1	o	760.0215	847.2670	180.91	0.88818
9	19	3	8	1	o	30.6259	34.4365	180.12	0.88800
6	19	4	8	1	o	1421.1108	1600.0347	0.73	0.88800
8	3	5	8	1	o	356.7787	401.5770	180.84	0.88799
5	13	5	8	1	o	2.7144	3.0652	179.77	0.88794
1	30	1	8	1	o	54.4930	61.5163	180.30	0.88793
13	1	3	8	1	o	135.6272	154.4850	180.21	0.88763
7	25	2	8	1	o	3.3004	3.7916	0.66	0.88752
2	16	5	8	1	o	108.4737	125.0565	180.43	0.88751
15	3	0	4	1	o	2443.9937	2803.5903	180.47	0.88745
6	28	0	4	1	o	0.2119	0.2450	181.67	0.88739
10	10	4	8	1	o	170.8551	197.7128	0.25	0.88734
4	29	1	8	1	o	326.8257	391.3773	180.38	0.88674
11	4	4	8	1	o	38.9145	47.0583	0.33	0.88634
14	5	2	8	1	o	931.4478	1121.6530	0.68	0.88624
13	2	3	8	1	o	0.3053	0.3687	351.15	0.88620
9	24	1	8	1	o	115.4791	141.5919	0.72	0.88604
10	17	3	8	1	o	83.2708	101.5470	180.65	0.88520
5	27	2	8	1	o	13.1790	15.9747	179.61	0.88486
11	21	0	4	1	o	41.5472	49.7672	179.96	0.88479
8	4	5	8	1	o	671.3133	803.6592	0.55	0.88467

8 26 0 4 1 o	154.9973	179.0483	180.31	0.88417
13 3 3 8 1 o	58.9109	66.3043	180.47	0.88384
8 16 4 8 1 o	1531.0587	1672.0894	180.47	0.88336
8 21 3 8 1 o	137.5815	148.5150	1.45	0.88313
12 18 1 8 1 o	18.6235	20.1137	0.16	0.88307
7 9 5 8 1 o	1023.8419	1098.3363	180.70	0.88302
13 12 2 8 1 o	468.3186	499.6205	180.86	0.88233
3 22 4 8 1 o	47.6548	50.5480	359.97	0.88219
2 30 1 8 1 o	105.5474	112.2426	0.82	0.88212
11 5 4 8 1 o	19.2866	20.5724	0.16	0.88210
5 29 0 4 1 o	1306.6571	1399.3402	0.62	0.88178
8 24 2 8 1 o	0.6409	0.6884	10.01	0.88162
13 15 1 8 1 o	372.9792	401.1970	181.02	0.88143
14 6 2 8 1 o	802.3359	863.4736	0.40	0.88107
13 4 3 8 1 o	572.6059	613.3757	180.75	0.88056
8 5 5 8 1 o	0.6031	0.6478	5.58	0.88046
7 18 4 8 1 o	1107.2578	1185.2000	0.78	0.88032
15 5 0 4 1 o	2472.9890	2600.6157	0.64	0.87992
14 12 0 4 1 o	4191.3179	4401.5757	180.40	0.87988
0 17 5 4 1 o	10.1059	10.5551	180.03	0.87971
12 11 3 8 1 o	13.5661	14.0119	179.70	0.87940
0 0 6 2 1 o	29003.4023	29720.5684	180.53	0.87928
4 15 5 8 1 o	329.5714	334.9015	0.52	0.87897
9 14 4 8 1 o	134.9662	137.0093	0.37	0.87884
15 1 1 8 1 o	46.3647	47.1760	0.56	0.87883
3 26 3 8 1 o	83.1916	84.0651	2.07	0.87870
1 29 2 8 1 o	77.3365	77.8684	180.12	0.87851
6 12 5 8 1 o	215.9247	217.3748	0.61	0.87851
14 11 1 8 1 o	8.8203	8.8742	179.89	0.87832
12 16 2 8 1 o	896.2705	893.9370	0.49	0.87792
3 16 5 8 1 o	1.4903	1.4830	358.63	0.87790
1 17 5 8 1 o	43.2166	42.9171	0.48	0.87781
10 11 4 8 1 o	207.0867	204.5098	0.46	0.87750
15 2 1 8 1 o	298.9515	295.3115	0.45	0.87745
0 2 6 4 1 o	14.2629	14.0286	359.82	0.87743
1 0 6 4 1 o	10.0767	9.8991	183.75	0.87738
11 6 4 8 1 o	886.3032	864.2133	180.95	0.87700
1 1 6 8 1 o	5496.5806	5324.9961	180.43	0.87692
1 23 4 8 1 o	2.7163	2.6017	179.40	0.87653
4 28 2 8 1 o	3.1700	3.0330	0.99	0.87644
13 5 3 8 1 o	100.5083	96.5891	0.49	0.87641
7 27 1 8 1 o	1145.7642	1080.3888	180.78	0.87588
10 21 2 8 1 o	20.1476	19.0090	181.22	0.87580
1 2 6 8 1 o	341.9012	316.8907	0.52	0.87555
9 25 0 4 1 o	174.8798	163.8112	0.02	0.87549
8 6 5 8 1 o	115.6081	107.8773	180.69	0.87538
5 14 5 8 1 o	353.5196	328.1903	0.85	0.87533
15 3 1 8 1 o	46.7903	44.1358	179.21	0.87515
6 28 1 8 1 o	1164.4891	1085.1429	180.74	0.87510
14 7 2 8 1 o	307.6310	289.8561	0.48	0.87507
11 15 3 8 1 o	236.6581	221.9608	0.38	0.87494
7 10 5 8 1 o	2975.6445	2824.3962	180.57	0.87424
6 24 3 8 1 o	31.7193	30.8070	1.14	0.87379
1 3 6 8 1 o	521.8474	521.1086	0.47	0.87327

11 19 2 8 1 o	7.7087	7.7211	0.28	0.87302
2 29 2 8 1 o	29.1930	29.4009	181.38	0.87288
3 30 1 8 1 o	128.8465	129.9377	180.72	0.87269
11 21 1 8 1 o	1061.8625	1069.0610	180.82	0.87260
2 17 5 8 1 o	242.6652	243.5515	0.36	0.87220
5 25 3 8 1 o	77.8886	77.8899	180.16	0.87203
8 26 1 8 1 o	6587.7124	6591.7812	0.48	0.87201
15 4 1 8 1 o	0.8358	0.8384	9.95	0.87197
0 4 6 4 1 o	34.2908	34.1432	0.04	0.87195
1 31 0 4 1 o	198.5281	197.8050	0.46	0.87185
5 21 4 8 1 o	92.9136	92.3721	0.55	0.87180
2 0 6 4 1 o	37.6764	37.3160	176.10	0.87177
10 23 1 8 1 o	82.1315	81.8802	180.26	0.87174
4 30 0 4 1 o	1092.6879	1084.2943	0.49	0.87163
13 6 3 8 1 o	32.7470	32.7020	179.53	0.87140
0 27 3 4 1 o	17169.2852	16929.8535	180.59	0.87135
2 1 6 8 1 o	19.8055	19.4344	180.83	0.87132
9 23 2 8 1 o	0.3354	0.3332	187.41	0.87121
11 7 4 8 1 o	49.0287	48.9345	180.37	0.87108
7 23 3 8 1 o	0.6157	0.6127	177.99	0.87094
2 23 4 8 1 o	527.2364	521.3597	0.74	0.87094
13 13 2 8 1 o	132.8410	133.7743	0.87	0.87086
1 4 6 8 1 o	8.8826	9.2205	178.20	0.87011
2 2 6 8 1 o	100.2443	105.5434	180.26	0.86997
9 20 3 8 1 o	314.6003	333.1591	180.67	0.86996
6 20 4 8 1 o	303.1830	320.6720	0.48	0.86995
5 29 1 8 1 o	0.0009	0.0010	85.85	0.86971
1 27 3 8 1 o	536.3299	593.2950	180.39	0.86950
8 7 5 8 1 o	25.7751	28.4898	359.54	0.86950
10 18 3 8 1 o	1.4816	1.6923	180.33	0.86911
4 22 4 8 1 o	60.4218	69.7714	180.06	0.86906
15 7 0 4 1 o	508.1775	582.7385	0.46	0.86899
12 12 3 8 1 o	0.9811	1.1327	181.91	0.86893
14 8 2 8 1 o	112.2985	134.1065	0.43	0.86830
8 17 4 8 1 o	5938.1528	7184.7959	180.46	0.86825
15 5 1 8 1 o	0.0830	0.1005	344.47	0.86793
14 12 1 8 1 o	237.5308	289.0169	0.70	0.86789
2 3 6 8 1 o	494.4128	616.3671	0.43	0.86774
13 16 1 8 1 o	287.6371	358.3428	0.23	0.86731
6 13 5 8 1 o	48.8375	61.9155	180.00	0.86718
10 12 4 8 1 o	356.8799	450.3380	0.48	0.86710
12 19 1 8 1 o	84.9146	109.3179	180.11	0.86620
1 5 6 8 1 o	177.9920	236.6308	180.71	0.86610
9 15 4 8 1 o	4.9294	6.3734	359.75	0.86572
4 26 3 8 1 o	5.2515	6.8466	1.67	0.86572
13 7 3 8 1 o	35.8571	45.6069	179.88	0.86560
4 16 5 8 1 o	63.5243	79.9174	0.73	0.86496
7 11 5 8 1 o	19.0008	23.5644	359.92	0.86483
2 4 6 8 1 o	2.6037	3.2026	1.78	0.86464
11 8 4 8 1 o	131.2452	156.5852	0.25	0.86440
13 17 0 4 1 o	2398.8833	2852.4299	179.99	0.86437
6 27 2 8 1 o	0.6743	0.8008	182.56	0.86431
7 26 2 8 1 o	43.0253	50.5256	180.48	0.86417
2 27 3 8 1 o	68.1840	79.2815	3.74	0.86405

3 29 2 8 1 o	335.9240	380.2168	180.60	0.86373
9 25 1 8 1 o	966.4421	1090.6219	0.38	0.86368
8 22 3 8 1 o	0.0056	0.0063	357.00	0.86361
7 19 4 8 1 o	1074.3215	1204.2166	180.49	0.86361
12 17 2 8 1 o	304.3729	331.9411	0.83	0.86308
15 6 1 8 1 o	0.1984	0.2173	185.31	0.86307
3 17 5 8 1 o	44.5208	47.9106	180.33	0.86307
0 6 6 4 1 o	45.8937	49.1634	183.66	0.86306
8 8 5 8 1 o	2261.3416	2426.0681	0.54	0.86285
3 0 6 4 1 o	546.2114	577.2717	179.86	0.86266
10 24 0 4 1 o	5037.7036	5392.1929	180.46	0.86257
5 15 5 8 1 o	145.2148	153.6946	180.31	0.86237
3 1 6 8 1 o	124.9454	131.8552	1.39	0.86223
1 18 5 8 1 o	59.6198	63.0818	180.27	0.86211
0 31 1 4 1 o	129.1794	138.6737	180.40	0.86197
3 23 4 8 1 o	252.9443	272.0688	180.74	0.86185
1 6 6 8 1 o	11.1599	12.6579	358.56	0.86127
11 16 3 8 1 o	56.9163	65.8693	180.68	0.86112
3 2 6 8 1 o	258.0074	308.1690	359.94	0.86092
14 9 2 8 1 o	65.2918	77.8509	0.12	0.86081
2 5 6 8 1 o	48.2167	59.7070	180.37	0.86070
12 20 0 4 1 o	200.7799	244.8801	0.02	0.86065
1 31 1 8 1 o	103.7515	134.5444	180.67	0.86018
5 28 2 8 1 o	38.2789	50.0940	0.01	0.85998
4 30 1 8 1 o	377.6047	494.2747	180.69	0.85997
9 1 5 8 1 o	9.6742	12.5594	359.91	0.85994
8 25 2 8 1 o	88.6028	114.6981	180.62	0.85959
13 8 3 8 1 o	863.9435	1052.3062	359.88	0.85904
13 14 2 8 1 o	149.8634	181.0020	0.39	0.85895
3 3 6 8 1 o	22.1702	26.6474	181.21	0.85875
9 2 5 8 1 o	25.2747	29.6457	1.18	0.85864
12 13 3 8 1 o	4.2600	4.6508	359.31	0.85796
0 24 4 4 1 o	61.6672	64.5696	1.28	0.85748
15 7 1 8 1 o	58.9428	62.6736	180.32	0.85743
3 31 0 4 1 o	612.3763	643.1767	180.67	0.85740
11 9 4 8 1 o	0.0921	0.0966	179.45	0.85701
14 13 1 8 1 o	32.2999	33.9654	0.14	0.85696
2 18 5 8 1 o	40.2123	41.8722	0.26	0.85679
10 22 2 8 1 o	1.7203	1.8025	180.87	0.85675
14 14 0 4 1 o	421.2587	442.3769	0.53	0.85668
9 3 5 8 1 o	145.2134	152.2710	1.47	0.85649
10 13 4 8 1 o	33.1629	34.8376	180.06	0.85620
2 6 6 8 1 o	3.8658	4.0650	171.25	0.85596
11 20 2 8 1 o	0.1156	0.1213	192.27	0.85585
3 4 6 8 1 o	0.6817	0.7157	185.02	0.85575
1 24 4 8 1 o	0.4429	0.4647	32.70	0.85572
1 7 6 8 1 o	2.4838	2.6056	180.75	0.85566
8 9 5 8 1 o	9482.9795	9915.9346	180.53	0.85551
6 14 5 8 1 o	908.5674	948.7133	180.76	0.85542
3 27 3 8 1 o	242.6626	252.1205	0.40	0.85517
15 9 0 4 1 o	378.9854	392.9924	180.19	0.85502
2 31 1 8 1 o	333.1656	344.2253	0.43	0.85490
7 12 5 8 1 o	1820.5895	1879.6584	0.58	0.85487
0 30 2 4 1 o	3.0141	3.0711	173.63	0.85419

11 22 1 8 1 o	187.4937	189.9654	180.36	0.85376
9 4 5 8 1 o	53.8037	54.2231	0.56	0.85351
8 18 4 8 1 o	3219.6692	3222.6948	180.58	0.85305
10 19 3 8 1 o	65.7912	65.9390	0.05	0.85301
5 22 4 8 1 o	36.0961	36.0538	180.37	0.85301
13 17 1 8 1 o	86.7050	87.0605	180.12	0.85300
14 10 2 8 1 o	139.3966	140.0037	180.45	0.85267
1 30 2 8 1 o	10.8842	10.8797	185.90	0.85245
9 16 4 8 1 o	154.2595	154.7120	180.46	0.85233
6 25 3 8 1 o	535.4313	536.3990	180.75	0.85233
9 21 3 8 1 o	0.0155	0.0155	17.25	0.85212
6 21 4 8 1 o	1146.0446	1151.7369	180.63	0.85212
3 5 6 8 1 o	545.9384	550.2667	0.82	0.85193
13 9 3 8 1 o	25.1174	25.4323	181.13	0.85179
7 28 1 8 1 o	67.6924	68.5931	1.03	0.85172
4 29 2 8 1 o	599.7630	610.9676	0.61	0.85140
12 0 4 4 1 o	1807.7510	1838.6031	0.86	0.85137
10 24 1 8 1 o	0.2931	0.2985	172.36	0.85126
15 8 1 8 1 o	2.8094	2.8550	178.37	0.85106
0 8 6 4 1 o	46.2506	47.3285	0.67	0.85104
12 1 4 8 1 o	366.7889	372.7045	180.74	0.85095
9 24 2 8 1 o	498.3007	505.6563	180.90	0.85077
4 17 5 8 1 o	1.1069	1.1259	1.93	0.85076
7 24 3 8 1 o	1978.7604	1996.6635	180.49	0.85052
2 24 4 8 1 o	25.9533	26.2102	359.18	0.85052
2 7 6 8 1 o	0.9166	0.9242	181.81	0.85046
4 0 6 4 1 o	2259.0798	2269.2837	180.84	0.85037
6 29 1 8 1 o	256.9995	256.1346	180.53	0.85017
4 1 6 8 1 o	112.4304	110.8884	0.63	0.84995
5 26 3 8 1 o	4602.5674	4528.1157	180.95	0.84985
9 5 5 8 1 o	26.9730	26.4526	0.89	0.84972
12 2 4 8 1 o	86.1363	84.6497	179.75	0.84969
4 23 4 8 1 o	1740.2125	1694.6603	180.69	0.84960
12 20 1 8 1 o	0.3239	0.3160	185.24	0.84942
1 8 6 8 1 o	156.8582	150.8967	180.18	0.84933
5 16 5 8 1 o	403.6255	388.5379	0.60	0.84913
8 27 1 8 1 o	3254.7476	3143.6401	0.58	0.84900
11 10 4 8 1 o	19.5596	18.9361	179.88	0.84898
4 2 6 8 1 o	34.1614	32.7634	0.08	0.84870
12 18 2 8 1 o	1026.1305	996.8611	1.31	0.84814
3 18 5 8 1 o	0.6503	0.6270	179.62	0.84813
0 19 5 4 1 o	95.1097	91.6515	359.91	0.84809
12 3 4 8 1 o	240.3428	234.9481	0.36	0.84761
8 10 5 8 1 o	2350.2122	2289.4534	0.49	0.84751
3 6 6 8 1 o	0.8947	0.8693	4.32	0.84733
2 30 2 8 1 o	0.4333	0.4227	199.63	0.84730
11 17 3 8 1 o	13.6523	13.4329	180.20	0.84711
7 20 4 8 1 o	3.2187	3.1624	358.69	0.84698
13 15 2 8 1 o	34.6973	34.6103	180.87	0.84669
4 3 6 8 1 o	140.7044	139.1960	181.06	0.84663
12 14 3 8 1 o	80.2053	80.2898	0.27	0.84657
0 32 0 2 1 o	273.4897	274.4513	180.47	0.84641
1 19 5 8 1 o	72.4945	72.4706	0.32	0.84639
3 31 1 8 1 o	4.0539	4.0907	1.76	0.84630

11 23 0 4 1 o	125.1721	129.2730	180.69	0.84596
1 28 3 8 1 o	88.1172	91.4186	180.62	0.84586
14 14 1 8 1 o	530.8376	560.8080	180.94	0.84561
9 6 5 8 1 o	59.7981	65.0792	180.94	0.84516
10 14 4 8 1 o	343.1299	378.2730	0.47	0.84488
15 0 2 4 1 o	3839.1130	4220.0898	180.35	0.84480
12 4 4 8 1 o	0.1238	0.1369	5.67	0.84472
8 23 3 8 1 o	21.7475	24.3013	0.31	0.84451
7 13 5 8 1 o	9.3068	10.4418	181.41	0.84442
5 30 1 8 1 o	3.1888	3.5737	178.75	0.84441
15 1 2 8 1 o	34.3820	38.1971	179.10	0.84439
2 8 6 8 1 o	1.1943	1.3496	179.38	0.84424
15 9 1 8 1 o	5095.0171	5682.9604	0.34	0.84401
14 11 2 8 1 o	534.8889	596.8762	180.46	0.84393
13 10 3 8 1 o	46.7584	52.2006	181.86	0.84390
4 4 6 8 1 o	113.4036	127.0610	0.33	0.84374
6 15 5 8 1 o	16.3404	18.0892	0.77	0.84331
4 27 3 8 1 o	254.0203	280.5548	181.65	0.84319
15 2 2 8 1 o	0.8564	0.9512	178.40	0.84316
1 9 6 8 1 o	9.3485	10.3803	0.16	0.84231
9 26 1 8 1 o	621.1817	709.1153	0.36	0.84212
3 24 4 8 1 o	88.9401	101.6230	358.79	0.84205
3 7 6 8 1 o	152.7803	175.2863	0.78	0.84199
7 27 2 8 1 o	2.4625	2.9201	180.74	0.84176
2 19 5 8 1 o	139.9566	177.8868	180.10	0.84135
15 3 2 8 1 o	29.1578	37.4090	359.27	0.84112
6 28 2 8 1 o	29.1026	38.4656	0.10	0.84107
12 5 4 8 1 o	515.0199	673.9775	180.55	0.84104
2 28 3 8 1 o	37.3257	51.7304	0.11	0.84083
11 11 4 8 1 o	38.4910	54.3839	0.11	0.84035
4 5 6 8 1 o	16.8841	25.2603	0.66	0.84008
9 7 5 8 1 o	338.3449	483.5319	0.38	0.83986
2 32 0 4 1 o	5.1170	7.2863	2.07	0.83971
14 1 3 8 1 o	54.6446	70.5499	0.23	0.83915
7 29 0 4 1 o	0.4383	0.5721	195.17	0.83911
3 30 2 8 1 o	73.3203	93.4259	178.92	0.83893
8 11 5 8 1 o	385.7484	490.7832	0.46	0.83893
11 21 2 8 1 o	15.0079	18.8004	181.20	0.83886
9 17 4 8 1 o	852.5934	1052.9817	180.41	0.83874
13 18 1 8 1 o	112.8808	136.3093	180.19	0.83857
15 11 0 4 1 o	578.7045	691.9216	180.61	0.83847
8 26 2 8 1 o	39.2546	46.1829	180.70	0.83833
15 4 2 8 1 o	5.2970	6.2382	178.82	0.83830
10 23 2 8 1 o	0.1332	0.1539	7.03	0.83809
14 2 3 8 1 o	123.9634	142.5447	180.26	0.83794
8 19 4 8 1 o	914.4215	1038.4860	180.65	0.83781
2 9 6 8 1 o	14.5507	16.3610	0.21	0.83735
8 28 0 4 1 o	6.2574	7.0668	180.60	0.83730
10 20 3 8 1 o	47.5583	53.8154	180.29	0.83698
6 30 0 4 1 o	2.2099	2.5041	175.86	0.83682
12 6 4 8 1 o	433.4946	489.8429	0.57	0.83662
4 18 5 8 1 o	0.0040	0.0045	194.97	0.83644
15 10 1 8 1 o	5.6298	6.3229	177.42	0.83633
0 10 6 4 1 o	54.9621	62.4288	0.11	0.83631

5 29 2 8 1 o	268.8711	303.4826	0.53	0.83629
16 0 0 2 1 o	2575.4946	2868.6169	0.43	0.83603
3 8 6 8 1 o	119.6063	134.0437	0.20	0.83595
14 3 3 8 1 o	107.3128	119.2281	1.54	0.83594
5 17 5 8 1 o	0.4066	0.4493	359.72	0.83569
4 6 6 8 1 o	115.4656	127.5878	359.30	0.83567
1 25 4 8 1 o	144.3397	158.2411	0.47	0.83553
13 11 3 8 1 o	19.1245	20.8151	0.81	0.83542
5 0 6 4 1 o	129.5569	140.2881	0.04	0.83532
11 23 1 8 1 o	0.2991	0.3234	172.49	0.83529
5 1 6 8 1 o	3294.0796	3488.2776	180.84	0.83492
12 15 3 8 1 o	601.8959	637.3516	181.02	0.83483
15 5 2 8 1 o	73.3320	77.4649	1.28	0.83471
4 31 1 8 1 o	17.7722	18.6452	180.07	0.83469
1 10 6 8 1 o	3.2516	3.3943	0.59	0.83468
14 12 2 8 1 o	40.7373	42.9281	359.40	0.83467
5 23 4 8 1 o	59.4689	62.0491	1.18	0.83458
9 22 3 8 1 o	280.1469	292.7952	180.48	0.83455
6 22 4 8 1 o	102.9821	107.3497	0.26	0.83454
16 2 0 4 1 o	79.2381	83.0140	0.54	0.83444
13 19 0 4 1 o	207.4041	215.9333	1.15	0.83432
13 16 2 8 1 o	36.9626	38.3940	359.63	0.83415
1 32 1 8 1 o	15.6051	16.0859	180.88	0.83409
14 15 1 8 1 o	44.7348	46.3993	1.06	0.83390
9 8 5 8 1 o	447.8410	461.9371	180.27	0.83387
5 2 6 8 1 o	50.8734	52.2630	0.26	0.83373
7 14 5 8 1 o	579.3726	598.2070	180.74	0.83355
10 15 4 8 1 o	8.2075	8.5696	181.88	0.83320
14 4 3 8 1 o	33.1271	34.6974	0.02	0.83317
12 19 2 8 1 o	155.5376	162.7554	0.85	0.83316
3 19 5 8 1 o	6.2603	6.5283	180.61	0.83315
11 18 3 8 1 o	10.3843	10.9247	179.91	0.83297
12 21 1 8 1 o	124.3861	131.5473	1.23	0.83280
3 28 3 8 1 o	1275.0779	1356.6488	0.68	0.83265
14 16 0 4 1 o	961.9200	1031.3322	180.48	0.83208
5 3 6 8 1 o	756.4579	818.2201	0.70	0.83176
6 26 3 8 1 o	86.5652	93.1337	180.60	0.83159
9 27 0 4 1 o	4.7967	5.1381	0.73	0.83148
12 7 4 8 1 o	4.4422	4.7442	359.69	0.83148
10 25 1 8 1 o	530.6537	566.4828	0.44	0.83138
11 12 4 8 1 o	5219.4604	5536.0444	0.47	0.83120
9 25 2 8 1 o	151.3608	158.8250	180.67	0.83092
6 16 5 8 1 o	284.6925	299.3090	180.49	0.83092
1 20 5 8 1 o	68.8694	71.6810	0.05	0.83072
7 25 3 8 1 o	86.3805	89.6055	0.25	0.83069
2 25 4 8 1 o	52.0713	54.0565	0.61	0.83069
4 24 4 8 1 o	7.4713	7.7172	178.71	0.83061
4 7 6 8 1 o	69.9001	71.9467	0.49	0.83055
5 31 0 4 1 o	323.3303	332.4808	0.95	0.83054
7 21 4 8 1 o	92.7665	95.1282	0.56	0.83049
15 6 2 8 1 o	1237.9987	1263.3837	180.34	0.83038
2 10 6 8 1 o	47.4475	46.6576	180.48	0.82985
8 12 5 8 1 o	90.5015	89.4391	180.77	0.82982
16 4 0 4 1 o	12.0009	11.9172	1.34	0.82973

14 5 3 8 1 o	131.4832	130.1230	180.72	0.82964
2 32 1 8 1 o	484.9809	472.1559	180.76	0.82927
3 9 6 8 1 o	4.6692	4.5184	180.55	0.82926
5 4 6 8 1 o	119.3372	115.8438	180.08	0.82903
7 29 1 8 1 o	82.4061	80.8231	0.49	0.82869
5 27 3 8 1 o	200.5952	197.3353	180.23	0.82851
15 11 1 8 1 o	205.6081	204.9292	180.40	0.82808
10 1 5 8 1 o	0.7409	0.7381	178.38	0.82804
1 31 2 8 1 o	103.6473	103.6720	0.44	0.82781
4 30 2 8 1 o	400.5766	401.8625	180.02	0.82761
9 9 5 8 1 o	9894.7070	9963.3730	0.49	0.82723
8 28 1 8 1 o	617.4213	622.5867	0.68	0.82695
10 2 5 8 1 o	0.2334	0.2354	354.89	0.82688
6 30 1 8 1 o	479.7927	484.1844	0.75	0.82649
1 11 6 8 1 o	20.7653	20.9580	0.99	0.82648
13 12 3 8 1 o	3.1239	3.1523	179.26	0.82643
12 22 0 4 1 o	33.3044	33.6015	0.60	0.82632
2 20 5 8 1 o	74.6982	75.2523	0.76	0.82595
8 24 3 8 1 o	142.5876	143.5228	180.50	0.82585
12 8 4 8 1 o	178.3047	179.2220	180.36	0.82566
5 5 6 8 1 o	1570.2102	1575.4186	180.75	0.82556
14 6 3 8 1 o	2.4399	2.4472	177.38	0.82540
15 7 2 8 1 o	313.6899	314.5575	0.52	0.82535
16 1 1 8 1 o	2.3818	2.3887	179.95	0.82535
9 18 4 8 1 o	13775.6113	13732.0879	180.50	0.82501
10 3 5 8 1 o	246.0102	245.2113	1.01	0.82496
14 13 2 8 1 o	454.7664	453.9972	180.86	0.82493
0 29 3 4 1 o	822.8896	817.3256	0.67	0.82485
4 8 6 8 1 o	77.8773	77.1814	0.39	0.82475
16 2 1 8 1 o	102.8633	102.6939	1.11	0.82420
13 19 1 8 1 o	196.2268	195.6797	0.40	0.82408
1 29 3 8 1 o	180.2430	182.3887	0.51	0.82329
2 31 2 8 1 o	242.5191	246.7534	180.65	0.82309
12 16 3 8 1 o	38.2954	39.1529	180.19	0.82280
3 25 4 8 1 o	63.8572	65.4473	0.42	0.82279
8 20 4 8 1 o	1.6045	1.6465	178.16	0.82261
7 15 5 8 1 o	37.1460	38.1752	181.44	0.82233
10 4 5 8 1 o	186.3202	191.2068	180.28	0.82230
16 3 1 8 1 o	2.5315	2.5932	359.07	0.82230
5 18 5 8 1 o	0.9006	0.9243	358.44	0.82210
11 22 2 8 1 o	62.1146	63.6097	0.78	0.82207
4 19 5 8 1 o	41.1304	42.1975	359.87	0.82207
16 6 0 4 1 o	161.6773	165.4084	0.24	0.82205
3 10 6 8 1 o	8.9258	9.1475	180.41	0.82198
14 16 1 8 1 o	72.0136	73.5738	180.68	0.82192
10 26 0 4 1 o	609.6791	622.9047	0.40	0.82189
2 11 6 8 1 o	17.9860	18.3514	179.77	0.82179
11 13 4 8 1 o	14.9926	15.2291	0.56	0.82159
4 28 3 8 1 o	42.9913	43.6350	0.29	0.82158
3 32 1 8 1 o	378.6779	382.8916	0.70	0.82142
13 17 2 8 1 o	2035.8905	2061.6475	0.75	0.82140
5 6 6 8 1 o	123.8807	125.0101	0.10	0.82137
9 27 1 8 1 o	11081.3301	11196.3682	0.51	0.82134
10 16 4 8 1 o	82.4964	83.2018	180.50	0.82124



10 21 3 8 1 o	1289.2123	1296.1722	180.87	0.82106
4 32 0 4 1 o	1.5220	1.5194	357.84	0.82053
14 7 3 8 1 o	136.1522	136.8170	0.56	0.82046
5 31 1 8 1 o	3.4409	3.4354	0.57	0.82044
7 28 2 8 1 o	160.8523	160.8193	180.19	0.82026
8 13 5 8 1 o	18.4290	18.4110	0.28	0.82026
9 10 5 8 1 o	1.8898	1.8966	178.73	0.81999
10 24 2 8 1 o	168.0720	169.5208	181.24	0.81985
15 13 0 4 1 o	1069.8049	1083.7751	180.74	0.81983
15 8 2 8 1 o	50.4320	51.3918	180.41	0.81967
16 4 1 8 1 o	821.4830	837.9493	0.77	0.81966
15 12 1 8 1 o	30.0313	31.0032	0.09	0.81932
0 12 6 4 1 o	2120.3560	2166.2285	0.71	0.81930
1 33 0 4 1 o	49.4462	51.0181	0.70	0.81922
12 9 4 8 1 o	83.0334	85.9859	0.18	0.81922
10 5 5 8 1 o	65.2457	68.7059	359.91	0.81891
6 29 2 8 1 o	351.1303	370.3742	180.77	0.81887
11 19 3 8 1 o	18.9836	20.1859	0.05	0.81877
2 29 3 8 1 o	232.6195	249.2114	0.08	0.81865
4 9 6 8 1 o	4.6853	5.1497	180.30	0.81833
6 17 5 8 1 o	89.1051	98.0357	0.26	0.81831
12 20 2 8 1 o	61.2242	67.7030	181.38	0.81820
3 20 5 8 1 o	202.9484	225.5099	0.71	0.81819
6 0 6 4 1 o	444.0283	501.9370	181.19	0.81796
8 27 2 8 1 o	1.8247	2.0765	1.40	0.81783
1 12 6 8 1 o	687.4954	791.1980	0.35	0.81777
6 1 6 8 1 o	84.8690	98.5744	180.70	0.81759
0 26 4 4 1 o	0.8135	0.9527	179.97	0.81749
9 23 3 8 1 o	36.8130	43.3920	180.69	0.81727
6 23 4 8 1 o	1122.6522	1329.1049	0.76	0.81727
11 24 1 8 1 o	186.7575	220.1740	0.35	0.81722
13 13 3 8 1 o	21.7671	25.8635	179.72	0.81698
0 21 5 4 1 o	292.6811	360.5048	180.84	0.81667
5 24 4 8 1 o	619.8090	759.1825	180.09	0.81656
5 7 6 8 1 o	40.7812	50.2381	181.17	0.81651
6 2 6 8 1 o	99.0500	121.7242	180.35	0.81647
12 22 1 8 1 o	149.6620	181.0012	180.79	0.81637
16 5 1 8 1 o	147.4765	176.4996	0.52	0.81630
1 26 4 8 1 o	13.0060	15.8666	359.39	0.81597
3 31 2 8 1 o	45.0650	52.4510	180.88	0.81541
1 21 5 8 1 o	1903.3215	2168.6101	0.54	0.81515
14 8 3 8 1 o	24.2214	27.0867	180.63	0.81487
10 6 5 8 1 o	36.5659	40.7331	0.66	0.81482
14 14 2 8 1 o	9.4181	10.4902	0.82	0.81479
6 3 6 8 1 o	465.7988	512.3074	0.66	0.81462
7 22 4 8 1 o	38.7622	42.1188	0.68	0.81420
3 11 6 8 1 o	108.6410	117.4862	180.89	0.81414
5 30 2 8 1 o	613.4285	664.6051	0.13	0.81372
15 9 2 8 1 o	41.1249	44.8890	0.08	0.81336
2 12 6 8 1 o	1041.8060	1135.3600	180.67	0.81322
16 6 1 8 1 o	772.6875	858.0496	180.59	0.81225
9 11 5 8 1 o	10.2163	11.4147	0.52	0.81221
12 10 4 8 1 o	1.2104	1.3486	179.25	0.81219
4 25 4 8 1 o	8.7126	9.7679	181.91	0.81211

10 26 1 8 1 o	698.9156	780.1308	359.94	0.81210
6 4 6 8 1 o	14.3071	16.0446	180.40	0.81205
9 26 2 8 1 o	159.6129	177.4226	0.41	0.81167
16 8 0 4 1 o	0.5653	0.6255	354.12	0.81165
11 14 4 8 1 o	89.4904	99.1196	180.61	0.81157
6 27 3 8 1 o	225.7318	250.6387	181.17	0.81156
7 26 3 8 1 o	2394.9834	2648.9949	0.57	0.81145
2 26 4 8 1 o	104.0138	115.2670	0.44	0.81145
4 10 6 8 1 o	3.5570	3.9241	0.03	0.81132
13 0 4 4 1 o	26.1322	28.6542	6.44	0.81128
9 19 4 8 1 o	10.7518	11.7770	0.92	0.81120
3 29 3 8 1 o	1.3630	1.4873	357.77	0.81109
0 33 1 4 1 o	1803.3630	1960.5256	180.46	0.81100
5 8 6 8 1 o	151.5486	164.7363	180.21	0.81100
13 1 4 8 1 o	494.9620	536.3863	0.93	0.81091
7 16 5 8 1 o	43.1906	46.6391	180.65	0.81083
4 32 1 8 1 o	1254.1140	1352.2611	0.74	0.81078
2 21 5 8 1 o	689.2335	738.7269	0.70	0.81065
12 17 3 8 1 o	48.4736	51.9637	180.23	0.81055
8 14 5 8 1 o	293.2177	311.9746	0.84	0.81029
15 13 1 8 1 o	22.2874	23.7159	180.89	0.81010
10 7 5 8 1 o	955.9976	1014.9581	180.39	0.81007
13 2 4 8 1 o	1.2055	1.2785	182.65	0.80983
14 17 1 8 1 o	40.5445	42.9619	0.49	0.80970
13 20 1 8 1 o	16.1469	17.0930	1.26	0.80959
1 33 1 8 1 o	1249.0471	1320.3408	180.69	0.80952
10 17 4 8 1 o	189.3668	199.5454	179.72	0.80906
11 25 0 4 1 o	55.1516	58.0167	0.83	0.80893
6 5 6 8 1 o	51.1214	53.6461	180.51	0.80879
14 9 3 8 1 o	12401.2266	12998.4316	0.52	0.80867
1 13 6 8 1 o	105.2036	109.9515	0.73	0.80861
13 18 2 8 1 o	11.3862	11.8905	188.56	0.80849
5 19 5 8 1 o	84.1684	87.6445	0.26	0.80844
13 3 4 8 1 o	53.9342	55.8217	180.49	0.80802
5 28 3 8 1 o	644.0977	663.4395	180.90	0.80798
4 20 5 8 1 o	323.9390	331.0539	180.64	0.80768
8 25 3 8 1 o	141.8272	145.3917	180.53	0.80766
16 7 1 8 1 o	466.7274	480.8846	180.34	0.80754
8 21 4 8 1 o	802.3831	820.5848	0.60	0.80748
3 33 0 4 1 o	722.7450	738.4062	0.68	0.80720
13 14 3 8 1 o	222.9901	229.2025	181.10	0.80712
7 30 1 8 1 o	59.7095	61.5443	181.09	0.80671
14 18 0 4 1 o	10005.7041	10384.8545	180.53	0.80660
15 10 2 8 1 o	24.2402	25.2860	0.67	0.80648
0 32 2 4 1 o	31.3982	33.3106	181.09	0.80593
8 29 1 8 1 o	449.3184	479.4287	180.50	0.80582
3 12 6 8 1 o	689.5774	735.4481	180.30	0.80581
11 23 2 8 1 o	30.3363	32.7549	180.27	0.80555
6 18 5 8 1 o	39.2649	42.4267	0.35	0.80554
13 4 4 8 1 o	149.8727	161.9897	180.42	0.80552
10 22 3 8 1 o	76.7926	83.7373	0.22	0.80530
2 33 1 8 1 o	474.9493	521.9790	0.43	0.80510
4 31 2 8 1 o	210.4545	232.0298	0.96	0.80501
5 9 6 8 1 o	0.6086	0.6740	179.59	0.80489

6 6 6 8 1 o	1763.9006	1954.9214	180.30	0.80485
10 8 5 8 1 o	476.3566	529.5620	359.99	0.80469
12 11 4 8 1 o	0.7454	0.8295	177.81	0.80463
11 20 3 8 1 o	31.3824	34.9960	0.03	0.80455
1 32 2 8 1 o	4.2364	4.7391	178.91	0.80447
13 21 0 4 1 o	180.4189	202.2265	0.03	0.80435
14 15 2 8 1 o	194.8734	218.5949	0.56	0.80431
2 13 6 8 1 o	51.7336	58.3142	0.25	0.80421
3 26 4 8 1 o	120.2879	136.0601	180.03	0.80409
6 31 1 8 1 o	104.3588	118.4468	0.17	0.80397
9 12 5 8 1 o	7.8497	8.9169	181.62	0.80394
4 11 6 8 1 o	76.2616	87.2857	180.50	0.80379
12 21 2 8 1 o	14.7841	17.1827	180.41	0.80331
3 21 5 8 1 o	1343.8340	1573.8831	180.46	0.80330
13 5 4 8 1 o	250.0559	295.2057	0.66	0.80233
16 8 1 8 1 o	4775.4507	5612.5376	0.56	0.80221
10 25 2 8 1 o	0.0050	0.0059	37.42	0.80204
14 10 3 8 1 o	0.8935	1.0466	358.76	0.80191
1 30 3 8 1 o	103.1239	121.3431	0.70	0.80173
9 28 1 8 1 o	62.6052	72.3490	180.93	0.80133
11 15 4 8 1 o	10.0681	11.5708	0.36	0.80120
4 29 3 8 1 o	129.5474	147.1095	0.95	0.80085
15 14 1 8 1 o	133.0859	148.6249	0.88	0.80049
0 14 6 4 1 o	2.8869	3.2331	181.86	0.80048
9 24 3 8 1 o	23.8178	26.4628	0.86	0.80033
6 24 4 8 1 o	191.1731	212.4906	0.36	0.80032
6 7 6 8 1 o	76.5625	84.9505	180.52	0.80027
12 23 1 8 1 o	0.1502	0.1659	353.84	0.80018
2 32 2 8 1 o	68.7962	75.9467	179.73	0.80015
8 15 5 8 1 o	123.2241	135.1309	181.08	0.79997
1 22 5 8 1 o	117.3750	127.4811	180.42	0.79972
7 29 2 8 1 o	201.4354	218.0284	180.80	0.79962
11 25 1 8 1 o	133.2225	144.0354	180.76	0.79958
15 15 0 4 1 o	60.4089	65.3193	1.42	0.79957
7 17 5 8 1 o	0.0130	0.0138	13.56	0.79910
15 11 2 8 1 o	257.7204	274.3556	180.50	0.79907
1 14 6 8 1 o	378.7496	400.7130	180.53	0.79905
5 25 4 8 1 o	81.8767	86.5709	0.69	0.79896
16 10 0 4 1 o	41.8774	44.3263	0.86	0.79884
7 0 6 4 1 o	399.9418	421.0040	180.40	0.79877
10 9 5 8 1 o	650.7769	685.3268	0.80	0.79872
13 6 4 8 1 o	296.8085	311.9082	1.12	0.79848
7 1 6 8 1 o	1194.6985	1250.4480	0.63	0.79843
5 10 6 8 1 o	10.4487	10.9029	0.35	0.79822
12 18 3 8 1 o	19.3926	20.2818	0.19	0.79814
7 23 4 8 1 o	145.4425	151.8444	180.96	0.79813
8 28 2 8 1 o	20.0612	20.9432	180.31	0.79806
3 33 1 8 1 o	453.2162	472.3194	0.75	0.79791
5 32 1 8 1 o	347.3028	361.3577	180.76	0.79770
6 30 2 8 1 o	261.4875	271.9210	0.25	0.79764
2 30 3 8 1 o	18.7963	19.4958	0.85	0.79744
7 2 6 8 1 o	3.9520	4.0966	178.79	0.79739
9 20 4 8 1 o	320.6822	332.4753	0.50	0.79737
14 18 1 8 1 o	4.5242	4.6919	179.80	0.79733

3 13 6 8 1 o	485.2102	499.5757	180.79	0.79704
1 27 4 8 1 o	11.1810	11.5111	180.40	0.79702
16 0 2 4 1 o	3439.7312	3549.0671	180.42	0.79696
13 15 3 8 1 o	109.0668	112.3199	180.42	0.79693
10 18 4 8 1 o	7.8694	8.0566	178.35	0.79672
16 1 2 8 1 o	2856.0330	2927.9319	180.64	0.79662
0 34 0 2 1 o	7769.0210	7925.1821	0.45	0.79662
11 1 5 8 1 o	11.0921	11.3343	0.28	0.79661
12 12 4 8 1 o	956.2362	976.9967	180.49	0.79658
16 9 1 8 1 o	2910.6052	2965.6343	180.42	0.79630
4 12 6 8 1 o	764.6948	766.0828	0.56	0.79577
7 3 6 8 1 o	238.1008	239.4739	180.67	0.79567
16 2 2 8 1 o	0.2150	0.2189	179.78	0.79559
11 2 5 8 1 o	18.6676	18.8972	180.35	0.79558
13 19 2 8 1 o	240.6354	244.4868	0.81	0.79548
2 22 5 8 1 o	124.6583	125.3746	0.89	0.79547
9 13 5 8 1 o	58.2648	59.3223	0.89	0.79523
13 21 1 8 1 o	217.2661	222.5766	1.18	0.79516
6 8 6 8 1 o	80.4149	82.1227	0.53	0.79508
15 1 3 8 1 o	89.9351	92.8699	0.26	0.79501
2 14 6 8 1 o	172.8436	178.7545	180.24	0.79481
5 20 5 8 1 o	315.4939	327.7301	180.58	0.79475
14 11 3 8 1 o	359.4912	376.7809	180.48	0.79463
7 31 0 4 1 o	729.9106	765.3444	180.61	0.79459
8 30 0 4 1 o	110.2969	116.6599	181.55	0.79442
4 26 4 8 1 o	0.0189	0.0203	8.47	0.79411
13 7 4 8 1 o	13.6972	14.7288	180.21	0.79401
15 2 3 8 1 o	87.6878	94.3132	1.05	0.79398
16 3 2 8 1 o	91.7334	98.9583	1.13	0.79388
11 3 5 8 1 o	263.1512	284.5744	181.18	0.79387
14 16 2 8 1 o	486.1925	529.6439	0.51	0.79353
10 27 1 8 1 o	377.0084	412.3393	180.83	0.79342
4 21 5 8 1 o	8.7939	9.6533	181.28	0.79335
7 4 6 8 1 o	183.0544	201.0559	0.34	0.79327
3 32 2 8 1 o	103.1775	113.6243	359.96	0.79308
12 24 0 4 1 o	4373.1299	4808.2676	0.50	0.79306
9 27 2 8 1 o	26.4999	29.1778	179.88	0.79302
7 27 3 8 1 o	57.5031	63.5363	359.91	0.79282
2 27 4 8 1 o	89.2468	98.7518	180.30	0.79281
6 19 5 8 1 o	170.0767	188.4832	180.18	0.79267
8 22 4 8 1 o	208.0496	230.8607	180.50	0.79248
15 3 3 8 1 o	6.1502	6.8036	0.59	0.79228
6 28 3 8 1 o	0.6523	0.7255	359.20	0.79224
10 10 5 8 1 o	27.6782	30.7429	359.57	0.79220
5 31 2 8 1 o	27.6591	30.7652	1.49	0.79220
16 4 2 8 1 o	31.9019	35.0483	0.91	0.79150
11 4 5 8 1 o	20.5855	22.6635	0.51	0.79149
6 32 0 4 1 o	70.9866	77.8355	0.34	0.79130
15 12 2 8 1 o	0.3438	0.3754	8.19	0.79119
5 11 6 8 1 o	420.8456	458.0630	0.71	0.79104
2 34 0 4 1 o	321.7754	350.1105	0.33	0.79103
9 29 0 4 1 o	70.1048	75.8316	1.26	0.79079
11 16 4 8 1 o	63.6541	68.5318	0.59	0.79055
15 15 1 8 1 o	12.5578	13.5264	178.43	0.79054

3 30 3 8 1 o	66.6014	71.5067	180.98	0.79045
11 21 3 8 1 o	0.7314	0.7853	182.74	0.79038
7 5 6 8 1 o	301.4131	322.6283	1.04	0.79023
8 26 3 8 1 o	147.6653	157.5582	0.43	0.78995
15 4 3 8 1 o	936.2167	999.3527	0.82	0.78992
16 10 1 8 1 o	2693.8323	2872.2317	0.61	0.78984
10 23 3 8 1 o	8.6139	9.1657	1.45	0.78975
8 16 5 8 1 o	235.8470	248.8914	0.46	0.78937
6 9 6 8 1 o	38.5439	40.6043	0.23	0.78932
11 24 2 8 1 o	416.9880	439.7047	1.02	0.78931
1 15 6 8 1 o	68.1414	71.3144	180.45	0.78915
13 8 4 8 1 o	1.0428	1.0900	0.69	0.78894
12 22 2 8 1 o	8.2220	8.5128	179.81	0.78854
3 22 5 8 1 o	81.7825	83.9623	0.85	0.78853
16 5 2 8 1 o	958.8715	996.5688	180.73	0.78847
11 5 5 8 1 o	18.2124	18.8184	180.76	0.78847
5 29 3 8 1 o	34.6019	35.5444	0.27	0.78824
4 33 1 8 1 o	876.7908	901.6395	180.40	0.78816
12 13 4 8 1 o	341.3286	352.9604	0.63	0.78811
3 14 6 8 1 o	190.5456	195.6183	0.52	0.78788
4 13 6 8 1 o	21.7438	22.8083	0.02	0.78732
7 18 5 8 1 o	39.6201	41.8807	0.30	0.78720
15 5 3 8 1 o	27.3156	29.4438	180.47	0.78691
14 12 3 8 1 o	0.0622	0.0670	163.58	0.78688
7 6 6 8 1 o	164.3426	179.2701	180.36	0.78656
17 1 0 4 1 o	1231.0458	1355.4154	180.68	0.78652
13 16 3 8 1 o	57.2340	63.1796	180.82	0.78645
1 34 1 8 1 o	116.2370	128.8647	180.53	0.78633
9 14 5 8 1 o	20.2488	22.8214	0.89	0.78614
3 27 4 8 1 o	3.8484	4.4166	180.23	0.78594
0 23 5 4 1 o	199.8022	232.0556	0.56	0.78584
7 31 1 8 1 o	21.6242	25.4554	181.02	0.78573
12 19 3 8 1 o	3.9231	4.6802	1.75	0.78562
8 30 1 8 1 o	165.7338	199.2550	180.89	0.78557
10 11 5 8 1 o	84.3631	106.9241	180.56	0.78518
2 15 6 8 1 o	404.2646	529.1956	180.43	0.78507
14 19 1 8 1 o	1.6132	2.1072	358.69	0.78485
16 6 2 8 1 o	281.0775	364.8805	180.27	0.78483
11 6 5 8 1 o	28.0891	37.0978	179.80	0.78482
10 26 2 8 1 o	0.3998	0.5356	0.84	0.78469
5 33 0 4 1 o	157.5867	213.3954	359.96	0.78466
1 23 5 8 1 o	18.3604	25.7149	180.04	0.78448
10 19 4 8 1 o	1.5843	2.1780	2.67	0.78426
12 24 1 8 1 o	5.7883	7.8965	179.58	0.78425
16 12 0 4 1 o	442.0548	594.6292	0.08	0.78398
17 3 0 4 1 o	677.8469	904.6433	0.53	0.78388
10 28 0 4 1 o	6.3591	8.6670	179.29	0.78384
9 25 3 8 1 o	200.9771	272.6566	180.26	0.78374
6 25 4 8 1 o	94.3997	129.2561	0.72	0.78373
9 21 4 8 1 o	71.5134	95.7247	0.45	0.78357
4 32 2 8 1 o	51.9891	69.4065	359.84	0.78350
5 12 6 8 1 o	233.6485	309.8953	0.22	0.78339
13 9 4 8 1 o	5.2367	6.7492	0.25	0.78331
15 6 3 8 1 o	479.0781	612.7675	180.68	0.78328

6 10 6 8 1 o	162.0888	204.1178	180.34	0.78303
15 13 2 8 1 o	118.3407	145.5978	180.90	0.78289
16 11 1 8 1 o	130.1344	159.9310	0.45	0.78288
6 32 1 8 1 o	964.2772	1151.5775	180.80	0.78254
14 17 2 8 1 o	66.8899	79.8833	182.84	0.78253
0 31 3 4 1 o	498.4786	590.7530	180.53	0.78246
13 20 2 8 1 o	19.1017	22.6582	1.05	0.78243
11 26 1 8 1 o	229.7569	271.6504	0.86	0.78238
1 33 2 8 1 o	764.4137	900.4178	180.46	0.78236
7 24 4 8 1 o	1757.7075	2068.0715	0.38	0.78233
2 34 1 8 1 o	21.6186	25.3717	180.60	0.78228
7 7 6 8 1 o	253.6203	297.4081	0.73	0.78228
9 29 1 8 1 o	438.8463	510.9873	180.46	0.78206
5 26 4 8 1 o	79.7715	92.2579	0.22	0.78181
1 31 3 8 1 o	2.2317	2.5606	179.25	0.78112
5 21 5 8 1 o	284.8967	326.6932	0.26	0.78108
4 30 3 8 1 o	28.2313	32.2656	181.04	0.78096
13 22 1 8 1 o	150.4283	170.9825	0.64	0.78082
14 20 0 4 1 o	372.3777	421.9346	0.66	0.78071
16 7 2 8 1 o	354.6796	400.0537	180.54	0.78058
11 7 5 8 1 o	55.6413	62.8008	180.71	0.78057
2 23 5 8 1 o	104.9032	118.0979	180.84	0.78047
15 16 1 8 1 o	31.3805	35.1252	1.06	0.78031
0 16 6 4 1 o	1864.7932	2086.2576	0.48	0.78029
0 28 4 4 1 o	0.5402	0.5995	181.18	0.78002
7 30 2 8 1 o	1344.2417	1485.7288	180.42	0.77982
6 20 5 8 1 o	337.8113	372.8352	0.64	0.77976
11 17 4 8 1 o	421.9360	464.8118	180.71	0.77967
12 14 4 8 1 o	4.3771	4.7741	180.42	0.77925
4 22 5 8 1 o	350.0962	381.0340	180.84	0.77911
15 7 3 8 1 o	14.9178	16.1574	180.34	0.77906
8 29 2 8 1 o	48.7470	52.7971	1.33	0.77902
1 16 6 8 1 o	350.4832	379.8201	180.37	0.77897
14 13 3 8 1 o	28.1815	30.0638	180.58	0.77870
1 28 4 8 1 o	48.2018	51.4296	180.60	0.77870
17 5 0 4 1 o	1271.4288	1354.9008	180.64	0.77868
8 17 5 8 1 o	0.1569	0.1657	8.91	0.77853
4 14 6 8 1 o	0.1313	0.1382	350.78	0.77849
3 15 6 8 1 o	117.1284	122.3411	0.89	0.77839
2 33 2 8 1 o	73.3116	76.5798	0.57	0.77837
8 0 6 4 1 o	1249.0837	1293.2577	0.65	0.77823
15 17 0 4 1 o	5996.2168	6213.1050	180.77	0.77817
17 1 1 8 1 o	45.8949	47.1969	359.78	0.77792
8 1 6 8 1 o	37.7499	38.3652	0.80	0.77791
10 12 5 8 1 o	35.4910	35.8805	0.71	0.77770
8 23 4 8 1 o	574.8475	579.1131	180.77	0.77764
7 8 6 8 1 o	70.4606	70.5676	0.24	0.77743
6 31 2 8 1 o	228.2413	229.3414	180.95	0.77735
13 10 4 8 1 o	97.6747	99.1752	180.42	0.77716
2 31 3 8 1 o	124.9780	125.6089	0.54	0.77716
17 2 1 8 1 o	62.0952	63.7191	180.73	0.77696
8 2 6 8 1 o	16.3549	16.5990	0.19	0.77695
9 15 5 8 1 o	202.3767	208.3893	1.15	0.77671
4 27 4 8 1 o	4.6888	4.8483	179.28	0.77661

11 22 3 8 1 o	38.4718	40.6901	180.85	0.77630
6 11 6 8 1 o	12.8161	13.6091	1.09	0.77625
5 33 1 8 1 o	102.9370	110.1061	180.41	0.77612
16 8 2 8 1 o	49.1840	53.2558	0.20	0.77576
11 8 5 8 1 o	197.5746	214.7308	180.89	0.77575
13 17 3 8 1 o	0.4594	0.4989	359.92	0.77573
3 34 1 8 1 o	79.0492	86.3175	180.40	0.77568
16 12 1 8 1 o	551.5406	601.5490	180.68	0.77546
17 3 1 8 1 o	201.3871	219.7216	0.57	0.77537
8 3 6 8 1 o	723.5565	794.8584	180.46	0.77536
10 28 1 8 1 o	13.6173	14.9309	180.90	0.77533
5 13 6 8 1 o	657.2590	723.7819	0.83	0.77532
7 19 5 8 1 o	27.6639	30.4286	180.23	0.77518
2 16 6 8 1 o	131.9880	145.5175	0.45	0.77504
9 28 2 8 1 o	85.7075	94.0968	0.34	0.77496
4 34 0 4 1 o	1450.2012	1593.5925	0.59	0.77493
13 23 0 4 1 o	467.7371	512.6747	0.82	0.77484
7 28 3 8 1 o	1344.8987	1476.6681	0.68	0.77477
2 28 4 8 1 o	16.5261	18.1719	180.04	0.77477
10 24 3 8 1 o	122.3869	133.9006	180.09	0.77442
15 8 3 8 1 o	5916.7085	6445.1411	0.70	0.77427
15 14 2 8 1 o	116.2851	126.5703	180.54	0.77420
12 23 2 8 1 o	441.0448	477.8193	0.58	0.77392
3 23 5 8 1 o	15.1107	16.4209	0.19	0.77391
11 27 0 4 1 o	10.1022	10.9235	180.54	0.77383
14 0 4 4 1 o	791.0621	852.6170	0.37	0.77376
6 29 3 8 1 o	297.0315	318.9276	0.51	0.77360
14 1 4 8 1 o	261.4265	278.9266	1.49	0.77345
11 25 2 8 1 o	16.5400	17.6005	180.65	0.77338
17 4 1 8 1 o	66.6440	70.4609	181.28	0.77316
8 4 6 8 1 o	132.7501	139.8127	0.56	0.77314
12 20 3 8 1 o	1.6668	1.7520	0.10	0.77304
8 27 3 8 1 o	3255.7192	3384.4771	0.59	0.77272
1 35 0 4 1 o	6910.3975	7157.6699	0.45	0.77257
14 2 4 8 1 o	7.5437	7.8601	0.17	0.77250
14 20 1 8 1 o	292.6497	304.6922	0.64	0.77230
7 9 6 8 1 o	43.6115	45.3001	180.33	0.77204
3 33 2 8 1 o	45.9601	48.1026	180.29	0.77187
10 20 4 8 1 o	689.3865	727.1974	0.42	0.77175
5 32 2 8 1 o	5.3362	5.6414	179.52	0.77168
14 18 2 8 1 o	126.5930	136.8933	359.87	0.77134
17 7 0 4 1 o	320.2166	351.8522	180.76	0.77107
14 3 4 8 1 o	357.6151	396.5651	180.67	0.77094
3 31 3 8 1 o	0.1696	0.1929	357.77	0.77068
13 11 4 8 1 o	91.2227	103.5278	180.44	0.77053
16 9 2 8 1 o	5.0610	5.7371	179.93	0.77041
11 9 5 8 1 o	2219.1787	2540.6436	180.83	0.77040
17 5 1 8 1 o	4.3196	4.8977	2.14	0.77034
8 5 6 8 1 o	101.3768	117.0850	0.33	0.77032
14 14 3 8 1 o	36.7674	41.9752	180.41	0.77016
12 15 4 8 1 o	29.7059	34.0476	359.76	0.77006
9 22 4 8 1 o	149.6540	171.6001	180.48	0.76984
15 17 1 8 1 o	49.7672	56.4457	0.37	0.76984
10 13 5 8 1 o	4.3049	4.9236	180.63	0.76981

1 24 5 8 1 o	745.2680	841.5897	0.41	0.76946
13 21 2 8 1 o	441.0855	488.0933	180.53	0.76938
4 15 6 8 1 o	6.1687	6.8720	176.68	0.76933
5 30 3 8 1 o	673.8595	742.0109	0.71	0.76925
6 12 6 8 1 o	106.9926	115.1003	0.79	0.76902
15 9 3 8 1 o	70.4165	75.0005	0.43	0.76895
14 4 4 8 1 o	1.9749	2.0699	181.78	0.76876
12 25 1 8 1 o	471.9685	488.5906	0.83	0.76862
3 16 6 8 1 o	0.7853	0.8089	177.71	0.76861
11 18 4 8 1 o	3299.1721	3407.9871	0.87	0.76860
1 17 6 8 1 o	5919.5200	6056.7085	0.48	0.76855
3 28 4 8 1 o	114.3474	115.2877	0.41	0.76835
10 27 2 8 1 o	156.2113	153.8366	0.11	0.76780
16 13 1 8 1 o	19.0968	18.8435	179.60	0.76764
9 26 3 8 1 o	3177.5378	3107.0979	180.72	0.76752
6 26 4 8 1 o	37.4959	36.5581	0.37	0.76752
8 18 5 8 1 o	76.4110	74.5564	180.29	0.76751
5 22 5 8 1 o	22.2279	21.6258	181.88	0.76748
16 14 0 4 1 o	2.0243	1.9894	182.48	0.76744
9 16 5 8 1 o	108.9124	106.2518	0.80	0.76699
17 6 1 8 1 o	130.4653	128.2817	0.79	0.76693
8 6 6 8 1 o	2149.6104	2095.8345	0.48	0.76692
5 14 6 8 1 o	76.9685	74.8885	180.32	0.76689
6 21 5 8 1 o	0.6569	0.6403	359.07	0.76684
7 25 4 8 1 o	23.3991	22.8424	0.51	0.76681
4 34 1 8 1 o	11.1868	10.9351	1.28	0.76671
13 23 1 8 1 o	21.6079	21.2223	181.32	0.76662
8 31 1 8 1 o	0.5189	0.5120	6.97	0.76616
7 10 6 8 1 o	0.3043	0.2996	359.70	0.76615
14 5 4 8 1 o	754.7705	750.2214	0.78	0.76599
12 1 5 8 1 o	60.5129	60.0536	0.30	0.76598
7 32 1 8 1 o	367.8504	367.0172	0.73	0.76570
2 24 5 8 1 o	0.5331	0.5304	183.01	0.76567
0 35 1 4 1 o	84.9385	84.7536	0.30	0.76566
11 27 1 8 1 o	3230.1118	3235.1650	180.85	0.76564
15 15 2 8 1 o	531.2784	544.3371	0.54	0.76519
5 27 4 8 1 o	0.8470	0.8701	358.94	0.76510
12 2 5 8 1 o	2.8158	2.9038	181.06	0.76506
4 23 5 8 1 o	0.2286	0.2364	4.73	0.76500
13 18 3 8 1 o	20.3490	21.3091	179.99	0.76483
2 17 6 8 1 o	98.4885	103.7547	0.55	0.76477
16 10 2 8 1 o	42.4074	45.1137	180.07	0.76455
11 10 5 8 1 o	124.8177	133.2881	180.56	0.76454
1 35 1 8 1 o	237.8095	256.7755	0.42	0.76441
12 3 5 8 1 o	717.0220	781.3005	180.73	0.76354
9 30 1 8 1 o	63.0536	68.7847	180.06	0.76350
13 12 4 8 1 o	2380.8254	2586.6655	180.49	0.76346
15 10 3 8 1 o	3326.4736	3574.1951	0.69	0.76313
7 20 5 8 1 o	70.9073	76.1998	1.23	0.76308
4 33 2 8 1 o	37.0810	39.7433	181.09	0.76302
8 24 4 8 1 o	226.6865	242.7013	180.43	0.76300
17 7 1 8 1 o	20.5484	21.9729	0.63	0.76297
8 7 6 8 1 o	16.9700	18.1344	0.80	0.76295
14 6 4 8 1 o	66.6868	70.7628	180.52	0.76264



0 34 2 4 1 o	310.8156	328.4409	180.56	0.76260
3 35 0 4 1 o	237.2075	250.3249	181.36	0.76246
11 23 3 8 1 o	7.8565	8.3034	1.50	0.76234
6 33 1 8 1 o	54.4155	57.5457	359.65	0.76214
4 31 3 8 1 o	112.3579	119.6378	180.47	0.76188
10 14 5 8 1 o	18.1002	19.5408	180.63	0.76155
1 32 3 8 1 o	131.8234	143.2876	180.83	0.76143
12 4 5 8 1 o	13.4239	14.5417	182.19	0.76143
6 13 6 8 1 o	0.4751	0.5178	1.10	0.76138
1 34 2 8 1 o	514.7372	560.7601	180.59	0.76136
14 15 3 8 1 o	56.7322	61.6399	1.77	0.76128
17 9 0 4 1 o	294.1963	319.3228	0.25	0.76126
12 26 0 4 1 o	11.4257	12.4933	180.47	0.76111
1 29 4 8 1 o	3.4172	3.7732	0.48	0.76098
7 31 2 8 1 o	67.1815	73.8451	180.73	0.76083
2 35 1 8 1 o	89.2945	98.1146	180.47	0.76070
8 30 2 8 1 o	1102.3352	1208.0570	180.48	0.76068
12 16 4 8 1 o	227.6376	248.0478	180.93	0.76059
12 21 3 8 1 o	294.7305	319.3131	1.17	0.76044
14 19 2 8 1 o	121.7004	128.5112	181.62	0.76002
4 16 6 8 1 o	565.0094	591.6618	0.58	0.75988
7 11 6 8 1 o	118.4399	123.0322	181.00	0.75979
14 21 1 8 1 o	62.8553	65.0980	359.78	0.75974
4 28 4 8 1 o	14.3050	14.6490	0.08	0.75963
12 24 2 8 1 o	50.7323	51.5565	1.62	0.75948
3 24 5 8 1 o	23.2867	23.5230	181.33	0.75947
16 14 1 8 1 o	434.4144	441.6681	1.07	0.75945
10 25 3 8 1 o	2271.4934	2287.8359	180.57	0.75936
10 21 4 8 1 o	230.4889	230.0856	180.54	0.75921
15 18 1 8 1 o	5.9216	5.9311	359.78	0.75918
0 18 6 4 1 o	22345.8398	22033.4805	0.54	0.75917
14 7 4 8 1 o	188.5259	186.6417	0.57	0.75874
12 5 5 8 1 o	67.7580	66.8622	1.04	0.75873
3 17 6 8 1 o	28.6308	27.8948	182.44	0.75860
17 8 1 8 1 o	5402.2749	5369.3516	180.54	0.75847
8 8 6 8 1 o	66.9445	65.7237	0.19	0.75845
16 11 2 8 1 o	337.3023	336.5335	0.67	0.75823
11 11 5 8 1 o	12.1590	12.0606	0.06	0.75823
5 15 6 8 1 o	50.9383	50.3914	181.48	0.75812
1 18 6 8 1 o	757.2440	754.4775	0.54	0.75795
6 32 2 8 1 o	7.7415	7.7567	180.25	0.75793
10 29 1 8 1 o	76.4771	77.1197	180.50	0.75783
11 26 2 8 1 o	97.2262	98.3400	180.46	0.75778
2 32 3 8 1 o	2.6090	2.6353	181.00	0.75775
2 34 2 8 1 o	827.4580	839.1298	180.75	0.75769
9 29 2 8 1 o	28.0672	28.8195	0.64	0.75749
11 19 4 8 1 o	46.7708	48.2555	0.17	0.75740
7 29 3 8 1 o	7.5187	7.7913	179.50	0.75731
2 29 4 8 1 o	0.9324	0.9659	186.84	0.75731
9 17 5 8 1 o	0.3328	0.3498	183.74	0.75704
15 11 3 8 1 o	229.8135	243.7346	180.26	0.75684
9 0 6 4 1 o	1523.7617	1623.3977	0.41	0.75676
9 1 6 8 1 o	1786.3894	1930.0498	180.68	0.75647
13 22 2 8 1 o	1.8876	2.0465	358.99	0.75637

8 19 5 8 1 o	132.8292	144.2891	0.15	0.75636
9 23 4 8 1 o	21.5631	23.5684	179.77	0.75622
15 19 0 4 1 o	1115.0111	1226.4874	180.86	0.75602
13 13 4 8 1 o	243.1658	268.0278	180.57	0.75599
8 28 3 8 1 o	47.7889	52.8071	180.10	0.75598
15 16 2 8 1 o	3.9174	4.3283	0.27	0.75590
0 25 5 4 1 o	707.9596	788.4931	0.47	0.75589
6 30 3 8 1 o	20.3938	22.8892	1.25	0.75563
5 34 1 8 1 o	71.3208	80.0520	180.78	0.75562
9 2 6 8 1 o	603.8240	678.2866	180.38	0.75559
12 6 5 8 1 o	18.9699	21.3116	180.20	0.75548
8 32 0 4 1 o	114.4052	129.7138	0.36	0.75517
14 22 0 4 1 o	31.2095	35.2569	180.18	0.75482
16 1 3 8 1 o	9.6794	10.8833	181.54	0.75476
1 25 5 8 1 o	201.8664	230.0019	0.70	0.75468
3 35 1 8 1 o	7.7215	8.7494	180.95	0.75462
2 18 6 8 1 o	1144.4825	1293.2831	180.85	0.75432
14 8 4 8 1 o	3.8741	4.3284	181.07	0.75431
7 33 0 4 1 o	850.5853	949.3059	0.68	0.75414
9 3 6 8 1 o	378.0087	421.6839	0.69	0.75412
17 0 2 4 1 o	773.3022	852.7463	180.55	0.75402
5 23 5 8 1 o	69.8745	77.6609	180.31	0.75398
6 22 5 8 1 o	217.3595	241.1059	1.00	0.75395
16 2 3 8 1 o	43.3228	47.5075	0.41	0.75388
13 19 3 8 1 o	1.7999	1.9696	179.63	0.75379
17 1 2 8 1 o	2507.8240	2728.5820	180.64	0.75373
17 9 1 8 1 o	632.4517	677.7563	0.60	0.75346
8 9 6 8 1 o	56.8996	61.0987	180.23	0.75345
6 14 6 8 1 o	56.8784	60.8324	180.24	0.75339
0 1 7 4 1 o	154.6020	165.3504	180.27	0.75337
12 26 1 8 1 o	430.0869	456.5917	180.74	0.75331
9 31 0 4 1 o	86.9910	91.6460	0.55	0.75321
7 12 6 8 1 o	169.7670	175.8512	180.04	0.75301
10 15 5 8 1 o	224.5185	231.9914	1.09	0.75296
17 2 2 8 1 o	10.5196	10.8403	359.57	0.75286
13 24 1 8 1 o	19.9800	20.1547	0.60	0.75258
16 3 3 8 1 o	275.3853	277.1574	0.31	0.75242
0 36 0 2 1 o	15357.7686	15210.5586	0.54	0.75236
1 1 7 8 1 o	54.9505	53.3786	0.21	0.75218
14 16 3 8 1 o	0.9347	0.9290	359.51	0.75213
5 33 2 8 1 o	439.9500	431.9401	180.83	0.75209
9 4 6 8 1 o	119.7561	117.6888	180.60	0.75208
3 32 3 8 1 o	752.0140	739.2839	0.83	0.75175
9 27 3 8 1 o	0.0253	0.0250	27.43	0.75169
6 27 4 8 1 o	85.0805	83.9397	180.44	0.75169
12 7 5 8 1 o	80.2272	79.9139	180.44	0.75169
3 34 2 8 1 o	84.8551	83.7696	179.53	0.75169
7 26 4 8 1 o	84.5312	83.9049	180.44	0.75160
16 12 2 8 1 o	0.2969	0.3013	176.75	0.75149
11 12 5 8 1 o	30.0043	30.1930	0.98	0.75148
17 3 2 8 1 o	302.5008	309.5478	0.91	0.75141
10 28 2 8 1 o	0.4184	0.4250	2.57	0.75137
3 29 4 8 1 o	100.6864	102.1710	0.71	0.75131
1 2 7 8 1 o	35.0352	35.3263	180.33	0.75131

2 25 5 8 1 o	501.9150	522.0918	0.72	0.75110
0 3 7 4 1 o	212.8061	222.5940	180.42	0.75105
4 24 5 8 1 o	29.2136	30.6577	0.83	0.75105
5 31 3 8 1 o	11.3251	11.9873	180.10	0.75100
7 21 5 8 1 o	5.4985	5.8471	176.85	0.75096
16 15 1 8 1 o	13.6268	14.5889	0.08	0.75093
12 17 4 8 1 o	98.5889	106.1125	1.30	0.75088
16 4 3 8 1 o	0.0148	0.0169	174.07	0.75040
4 17 6 8 1 o	0.1839	0.2175	347.22	0.75020
6 34 0 4 1 o	13.7402	16.2066	3.74	0.75017
15 12 3 8 1 o	800.4948	937.5615	180.65	0.75014
1 3 7 8 1 o	924.2963	1138.9858	180.77	0.74987
16 16 0 4 1 o	213.1526	261.1557	180.76	0.74960
17 11 0 4 1 o	85.4652	104.9770	1.22	0.74951
9 5 6 8 1 o	153.5638	192.6470	180.85	0.74949
17 4 2 8 1 o	7.3893	9.0940	181.72	0.74939
14 9 4 8 1 o	73.6300	91.4060	180.24	0.74939
11 28 1 8 1 o	217.7007	273.1038	180.39	0.74935
5 16 6 8 1 o	128.4100	165.4247	180.21	0.74908
5 28 4 8 1 o	32.9059	41.7765	180.39	0.74884
2 1 7 8 1 o	3.6555	4.6255	359.21	0.74864
14 20 2 8 1 o	14.0896	17.2082	180.28	0.74861
8 25 4 8 1 o	28.5080	35.1888	181.07	0.74858
11 24 3 8 1 o	63.1997	77.0300	180.71	0.74853
3 18 6 8 1 o	90.2979	109.9838	180.81	0.74840
15 19 1 8 1 o	53.3326	63.4833	180.58	0.74838
10 30 0 4 1 o	729.7040	869.8017	0.95	0.74833
13 14 4 8 1 o	125.1177	145.2291	0.63	0.74816
17 10 1 8 1 o	1076.8809	1220.2946	180.67	0.74798
8 10 6 8 1 o	7.6983	8.7323	180.41	0.74797
12 22 3 8 1 o	24.1356	27.0125	180.26	0.74787
1 4 7 8 1 o	15.5795	17.3983	359.93	0.74787
16 5 3 8 1 o	15.3328	17.0648	179.47	0.74782
2 2 7 8 1 o	41.2653	45.4904	180.92	0.74778
2 36 0 4 1 o	3367.5339	3659.7227	180.71	0.74765
8 32 1 8 1 o	478.0632	514.5372	0.81	0.74755
12 8 5 8 1 o	498.2392	529.8638	180.60	0.74738
14 22 1 8 1 o	77.1001	81.2160	1.58	0.74721
1 19 6 8 1 o	527.2861	545.7258	0.54	0.74720
9 18 5 8 1 o	0.0227	0.0234	188.60	0.74690
17 5 2 8 1 o	378.4632	396.2691	180.75	0.74682
10 22 4 8 1 o	145.1436	150.0008	0.53	0.74670
7 33 1 8 1 o	69.6341	72.0304	181.11	0.74655
0 5 7 4 1 o	94.5792	96.7038	181.05	0.74647
15 17 2 8 1 o	5.5886	5.8837	358.32	0.74637
2 3 7 8 1 o	400.9853	413.2503	0.49	0.74636
4 35 1 8 1 o	5.0047	5.2163	359.98	0.74635
9 6 6 8 1 o	85.1946	88.8571	0.66	0.74635
11 20 4 8 1 o	6.2088	6.6247	182.95	0.74611
13 25 0 4 1 o	71.9370	77.0228	0.72	0.74609
7 13 6 8 1 o	348.4307	382.7174	180.87	0.74584
9 31 1 8 1 o	139.1789	157.2319	0.65	0.74565
1 5 7 8 1 o	6.4868	7.8300	1.17	0.74532
12 25 2 8 1 o	28.1352	33.3568	180.19	0.74526

3 25 5 8 1 o	99.7066	120.4704	359.75	0.74525
8 20 5 8 1 o	140.2207	170.6948	180.69	0.74511
6 15 6 8 1 o	87.5982	107.8372	181.12	0.74508
0 30 4 4 1 o	1.5564	1.9304	184.94	0.74500
16 6 3 8 1 o	119.6213	143.4790	180.61	0.74470
10 26 3 8 1 o	0.0009	0.0011	215.28	0.74459
2 4 7 8 1 o	159.8692	195.6464	180.86	0.74439
16 13 2 8 1 o	505.1000	595.0093	0.77	0.74436
11 13 5 8 1 o	62.7042	74.7338	180.72	0.74436
10 16 5 8 1 o	38.8635	45.0167	180.50	0.74410
14 10 4 8 1 o	110.2306	125.3731	0.34	0.74400
1 30 4 8 1 o	1516.9615	1702.6680	180.64	0.74385
0 33 3 4 1 o	847.0236	935.9536	180.75	0.74374
2 19 6 8 1 o	35.9750	39.6595	179.97	0.74373
17 6 2 8 1 o	256.6549	282.7732	359.91	0.74372
1 36 1 8 1 o	17.6607	19.3513	0.40	0.74367
4 32 3 8 1 o	15.9837	17.3019	0.71	0.74357
4 34 2 8 1 o	1164.1101	1252.3004	180.47	0.74351
13 23 2 8 1 o	583.7271	625.2256	0.59	0.74343
5 35 0 4 1 o	2025.6165	2152.2578	1.21	0.74338
4 29 4 8 1 o	417.8237	435.0992	0.71	0.74315
18 0 0 2 1 o	4317.8647	4547.5522	180.35	0.74314
15 13 3 8 1 o	96.5239	100.9751	0.07	0.74305
8 31 2 8 1 o	129.0775	133.9108	0.78	0.74301
3 1 7 8 1 o	152.4106	155.9154	180.17	0.74284
14 17 3 8 1 o	22.9372	23.7539	359.91	0.74274
9 24 4 8 1 o	2464.2437	2537.8701	180.52	0.74273
6 34 1 8 1 o	97.4727	100.2922	180.61	0.74270
9 7 6 8 1 o	5.4860	5.6428	358.65	0.74269
13 20 3 8 1 o	73.3613	75.8420	0.72	0.74265
1 33 3 8 1 o	143.5172	147.3268	180.42	0.74259
12 9 5 8 1 o	2161.6360	2232.3113	181.00	0.74259
7 32 2 8 1 o	29.0979	29.9539	0.13	0.74259
11 27 2 8 1 o	90.3342	93.2746	0.21	0.74254
1 6 7 8 1 o	250.4574	259.1927	180.40	0.74223
16 16 1 8 1 o	189.2101	197.6223	0.65	0.74214
17 11 1 8 1 o	8.3056	8.6959	179.79	0.74206
8 11 6 8 1 o	13.7518	14.3923	359.47	0.74205
18 2 0 4 1 o	2.4398	2.5570	359.75	0.74202
3 2 7 8 1 o	4.2344	4.4412	0.55	0.74201
2 5 7 8 1 o	4.5088	4.7678	1.76	0.74187
1 35 2 8 1 o	7.2128	7.6782	358.54	0.74142
6 23 5 8 1 o	84.7275	89.4584	180.31	0.74114
16 7 3 8 1 o	157.5955	164.4885	0.67	0.74107
12 18 4 8 1 o	844.9726	879.9485	180.98	0.74098
10 30 1 8 1 o	64.7352	67.1546	0.76	0.74092
11 29 0 4 1 o	33.1737	33.8687	0.48	0.74071
3 3 7 8 1 o	939.1027	949.3469	0.61	0.74062
5 24 5 8 1 o	119.2776	120.6287	1.50	0.74061
9 30 2 8 1 o	2175.2229	2198.3455	0.53	0.74059
7 30 3 8 1 o	125.7072	125.2205	181.00	0.74043
2 30 4 8 1 o	111.3365	110.6210	0.97	0.74043
4 18 6 8 1 o	3449.0212	3394.1052	0.63	0.74033
2 36 1 8 1 o	65.8785	64.7209	0.36	0.74025

1 26 5 8 1 o	0.8408	0.8178	6.83	0.74017
17 7 2 8 1 o	3.1185	3.0762	182.45	0.74010
13 15 4 8 1 o	21.2411	20.7728	359.86	0.74002
5 17 6 8 1 o	3198.1843	3074.4126	0.98	0.73980
0 7 7 4 1 o	270.2351	258.1682	180.31	0.73976
8 29 3 8 1 o	11.4959	11.1256	179.91	0.73974
6 33 2 8 1 o	123.6383	120.7442	0.77	0.73935
2 33 3 8 1 o	1119.7871	1100.9185	0.76	0.73918
7 22 5 8 1 o	142.0413	142.8580	0.66	0.73885
2 6 7 8 1 o	409.8614	412.1508	0.56	0.73883
15 0 4 4 1 o	800.8594	813.1791	180.61	0.73875
13 25 1 8 1 o	54.9496	55.7796	0.80	0.73874
18 4 0 4 1 o	395.2371	402.5221	180.51	0.73870
3 4 7 8 1 o	127.5251	129.6252	0.79	0.73869
1 7 7 8 1 o	35.3891	36.1191	0.20	0.73863
9 8 6 8 1 o	58.2345	59.8384	180.23	0.73854
15 1 4 8 1 o	177.2926	182.8484	0.08	0.73848
12 27 1 8 1 o	755.0709	785.6762	1.05	0.73833
7 14 6 8 1 o	7.3793	7.6924	359.25	0.73832
6 31 3 8 1 o	0.3775	0.3937	186.97	0.73831
14 11 4 8 1 o	250.9516	263.1031	180.63	0.73817
3 19 6 8 1 o	454.7353	482.1780	180.87	0.73804
2 35 2 8 1 o	2750.4263	2913.2932	180.51	0.73803
15 2 4 8 1 o	100.1517	107.2028	0.41	0.73765
15 20 1 8 1 o	2.3380	2.5166	357.96	0.73748
0 20 6 4 1 o	388.6560	421.5879	180.61	0.73747
12 10 5 8 1 o	86.5574	93.5912	181.03	0.73735
4 25 5 8 1 o	853.4559	927.2801	0.50	0.73729
14 21 2 8 1 o	171.8813	186.2666	0.60	0.73716
16 8 3 8 1 o	63.7722	69.2503	0.54	0.73695
16 14 2 8 1 o	103.2347	112.2318	180.64	0.73689
11 14 5 8 1 o	0.3354	0.3656	0.93	0.73688
2 26 5 8 1 o	1717.0345	1878.7939	0.53	0.73680
7 27 4 8 1 o	1.1051	1.2092	180.18	0.73672
15 18 2 8 1 o	379.0639	414.0374	0.67	0.73664
9 19 5 8 1 o	2.8452	3.1189	359.95	0.73661
6 16 6 8 1 o	57.4972	63.2859	1.34	0.73649
13 1 5 8 1 o	19.0771	20.9581	0.31	0.73639
1 20 6 8 1 o	681.1282	753.6948	180.45	0.73635
15 3 4 8 1 o	72.6295	79.8333	180.60	0.73629
9 28 3 8 1 o	140.5448	155.2666	180.71	0.73626
6 28 4 8 1 o	0.0163	0.0181	179.77	0.73626
3 5 7 8 1 o	2.7107	3.0119	181.58	0.73623
5 35 1 8 1 o	72.3318	80.3001	0.18	0.73611
17 13 0 4 1 o	943.4593	1040.3795	0.62	0.73611
17 8 2 8 1 o	0.6311	0.6962	177.33	0.73599
17 12 1 8 1 o	172.7318	190.9711	0.82	0.73574
8 12 6 8 1 o	69.6652	77.9849	181.61	0.73573
15 14 3 8 1 o	515.6636	570.7228	1.11	0.73561
18 1 1 8 1 o	108.0289	119.0879	0.45	0.73560
13 2 5 8 1 o	35.6910	39.5826	180.56	0.73558
10 29 2 8 1 o	57.1254	63.3526	180.57	0.73541
12 23 3 8 1 o	13.4948	14.9086	359.39	0.73536
2 7 7 8 1 o	124.0815	138.6095	0.97	0.73528

10 17 5 8 1 o	16.2018	17.5750	0.25	0.73501
4 1 7 8 1 o	91.3453	99.2411	180.33	0.73495
11 25 3 8 1 o	98.2574	105.5858	0.31	0.73490
3 30 4 8 1 o	714.4007	764.7065	0.62	0.73482
18 2 1 8 1 o	3.1072	3.2976	184.94	0.73479
11 21 4 8 1 o	134.3096	142.7303	0.55	0.73477
10 0 6 4 1 o	11859.6279	12593.9229	180.66	0.73475
14 23 1 8 1 o	9.1268	9.6611	179.91	0.73473
3 36 1 8 1 o	4.2733	4.4969	0.00	0.73465
1 8 7 8 1 o	282.6345	294.7406	0.71	0.73455
10 1 6 8 1 o	18.4058	19.0942	180.53	0.73448
8 26 4 8 1 o	7.3028	7.5316	1.14	0.73441
15 4 4 8 1 o	34.7282	35.8338	0.89	0.73439
10 23 4 8 1 o	76.2988	77.8002	0.49	0.73425
13 3 5 8 1 o	83.9898	85.6369	1.48	0.73422
4 2 7 8 1 o	242.9069	244.7636	0.72	0.73414
4 36 0 4 1 o	1879.1729	1886.7699	0.60	0.73401
9 9 6 8 1 o	1.2737	1.2733	0.42	0.73392
8 21 5 8 1 o	290.3021	289.0648	0.86	0.73382
10 2 6 8 1 o	104.0998	103.4974	180.33	0.73367
3 33 3 8 1 o	116.9107	115.8052	0.37	0.73360
11 29 1 8 1 o	183.5875	182.5463	0.76	0.73352
15 21 0 4 1 o	149.9118	149.4308	1.32	0.73351
5 32 3 8 1 o	1390.8390	1378.3932	180.82	0.73344
18 3 1 8 1 o	262.4738	262.5548	180.65	0.73344
5 34 2 8 1 o	93.5282	92.7870	180.26	0.73339
18 6 0 4 1 o	211.2801	211.4366	180.88	0.73327
3 6 7 8 1 o	5.1059	5.0555	1.22	0.73325
14 18 3 8 1 o	11.5029	11.5120	180.16	0.73315
16 17 1 8 1 o	40.6977	40.7996	0.31	0.73312
5 29 4 8 1 o	3.2828	3.2839	181.54	0.73304
2 20 6 8 1 o	30.5527	30.5273	180.25	0.73303
4 3 7 8 1 o	60.2594	60.9144	180.19	0.73280
3 35 2 8 1 o	2568.6450	2636.0356	180.71	0.73247
16 9 3 8 1 o	8.4748	8.6954	4.28	0.73235
13 4 5 8 1 o	96.2923	98.9794	181.07	0.73234
10 3 6 8 1 o	7.9698	8.2113	1.07	0.73233
15 5 4 8 1 o	60.8051	62.7145	181.00	0.73198
14 12 4 8 1 o	123.8952	127.9340	0.36	0.73195
12 11 5 8 1 o	0.1568	0.1617	20.02	0.73167
13 16 4 8 1 o	19.2988	19.8511	180.61	0.73160
18 4 1 8 1 o	314.5554	321.8570	180.80	0.73157
13 21 3 8 1 o	1.5294	1.5663	178.85	0.73147
17 9 2 8 1 o	54.9103	55.9213	180.16	0.73141
12 26 2 8 1 o	12.0333	12.2251	181.00	0.73128
3 26 5 8 1 o	2990.5469	3054.9780	0.72	0.73127
2 8 7 8 1 o	1779.5404	1820.0958	180.56	0.73125
0 9 7 4 1 o	293.4812	296.9324	0.33	0.73109
1 37 0 4 1 o	20.0208	19.9172	180.20	0.73093
12 19 4 8 1 o	197.7863	196.4528	0.75	0.73093
4 4 7 8 1 o	378.6361	377.3713	0.96	0.73093
16 18 0 4 1 o	0.4022	0.3954	195.93	0.73081
13 24 2 8 1 o	282.9242	273.6191	180.98	0.73061
12 28 0 4 1 o	44.0753	42.5419	180.75	0.73059

7 15 6 8 1 o	307.2201	293.2195	0.75	0.73049
10 4 6 8 1 o	35.9052	34.2344	180.39	0.73047
5 18 6 8 1 o	183.6002	172.3037	0.30	0.73033
4 19 6 8 1 o	130.9188	122.4758	180.41	0.73030
10 27 3 8 1 o	10988.7822	10172.3340	180.65	0.73011
1 9 7 8 1 o	4962.0483	4501.2798	180.76	0.73000
13 5 5 8 1 o	16.8934	15.5370	180.15	0.72995
3 7 7 8 1 o	0.1934	0.1735	180.74	0.72979
8 33 1 8 1 o	84.4498	76.4585	179.78	0.72970
9 25 4 8 1 o	58.2083	52.6088	0.74	0.72942
14 24 0 4 1 o	2058.6558	1884.3726	180.45	0.72922
18 5 1 8 1 o	33.3113	30.7738	180.29	0.72918
16 15 2 8 1 o	710.1546	656.3708	180.50	0.72910
11 15 5 8 1 o	210.2411	192.8905	181.26	0.72910
15 6 4 8 1 o	24.1303	22.3517	358.92	0.72905
17 13 1 8 1 o	132.8737	123.3149	0.62	0.72904
8 13 6 8 1 o	43.6043	39.9799	180.23	0.72903
9 10 6 8 1 o	2.2825	2.1277	0.08	0.72885
4 5 7 8 1 o	37.5918	36.0902	180.88	0.72854
9 32 1 8 1 o	70.4061	68.2815	180.67	0.72846
6 24 5 8 1 o	29.8913	29.0627	180.96	0.72843
7 34 1 8 1 o	40.0984	39.7074	180.40	0.72825
10 5 6 8 1 o	20.5525	20.6266	180.22	0.72809
15 15 3 8 1 o	18.1411	18.3619	0.47	0.72787
6 17 6 8 1 o	24.6214	25.3707	1.46	0.72766
11 28 2 8 1 o	55.9769	57.3184	180.51	0.72765
3 20 6 8 1 o	2.8237	2.9206	2.92	0.72758
5 25 5 8 1 o	17.4467	18.0075	0.28	0.72741
16 10 3 8 1 o	27.4906	28.0741	179.85	0.72732
1 31 4 8 1 o	4.0779	4.2063	181.47	0.72731
4 30 4 8 1 o	6.8100	7.0002	359.69	0.72718
13 6 5 8 1 o	9.6255	9.8140	2.75	0.72705
0 27 5 4 1 o	1185.9241	1215.5604	180.77	0.72702
4 36 1 8 1 o	0.8465	0.8650	357.68	0.72701
7 23 5 8 1 o	55.4956	56.2883	0.43	0.72678
15 19 2 8 1 o	76.2586	77.0584	181.26	0.72676
2 9 7 8 1 o	981.0760	996.3793	0.83	0.72676
15 21 1 8 1 o	0.1009	0.1011	345.86	0.72652
17 10 2 8 1 o	35.8309	35.7168	359.83	0.72640
18 6 1 8 1 o	206.3960	204.8671	0.97	0.72629
9 20 5 8 1 o	10.0050	9.8775	181.29	0.72621
4 33 3 8 1 o	90.2171	88.1180	180.76	0.72600
8 32 2 8 1 o	183.5995	179.5126	0.33	0.72600
1 27 5 8 1 o	2680.5151	2606.4448	0.76	0.72594
18 8 0 4 1 o	64.0956	62.6216	180.03	0.72586
3 8 7 8 1 o	1431.5610	1383.9768	0.68	0.72584
10 18 5 8 1 o	3.5355	3.4204	0.45	0.72571
14 22 2 8 1 o	27.8742	27.0478	0.55	0.72569
4 6 7 8 1 o	72.6068	69.7461	181.67	0.72566
15 7 4 8 1 o	68.3928	66.3899	180.63	0.72564
12 12 5 8 1 o	14.0559	13.5919	180.22	0.72561
1 21 6 8 1 o	170.1361	162.6410	180.66	0.72544
14 13 4 8 1 o	260.5087	252.0741	181.04	0.72536
10 6 6 8 1 o	2938.5781	2834.8945	180.58	0.72521

5 1 7 8 1 o	6.4150	6.1599 359.85 0.72517
13 26 1 8 1 o	929.0667	901.3356 0.94 0.72511
7 33 2 8 1 o	27.4023	26.5032 0.29 0.72509
0 37 1 4 1 o	4.0070	3.8725 179.61 0.72508
1 10 7 8 1 o	0.7528	0.7245 176.70 0.72501
4 35 2 8 1 o	246.1925	239.6550 1.97 0.72491
1 34 3 8 1 o	13.3634	13.2757 0.80 0.72457
10 31 1 8 1 o	22.2141	22.1059 359.69 0.72456
5 2 7 8 1 o	2.3837	2.4013 181.32 0.72439
9 31 2 8 1 o	4.1597	4.2254 1.23 0.72426
6 35 1 8 1 o	90.8978	93.0431 180.24 0.72415
7 31 3 8 1 o	29.9871	30.7747 0.28 0.72411
2 31 4 8 1 o	210.7119	216.6980 180.64 0.72410
1 37 1 8 1 o	69.2895	71.4856 0.60 0.72402
8 30 3 8 1 o	8.6898	8.9725 181.42 0.72398
16 18 1 8 1 o	64.0244	65.9386 180.36 0.72390
4 26 5 8 1 o	159.4227	166.3663 182.03 0.72374
12 28 1 8 1 o	139.9058	144.9933 180.76 0.72369
13 7 5 8 1 o	7.2144	7.4687 1.01 0.72367
0 36 2 4 1 o	819.3495	851.3542 0.87 0.72351
14 19 3 8 1 o	63.6571	65.5605 180.51 0.72341
11 22 4 8 1 o	46.6181	48.1200 0.57 0.72341
9 11 6 8 1 o	42.9138	44.3201 1.14 0.72337
5 3 7 8 1 o	35.6418	36.2423 180.52 0.72310
12 24 3 8 1 o	59.2337	59.5490 0.40 0.72295
13 17 4 8 1 o	1072.4445	1078.3527 180.82 0.72295
18 7 1 8 1 o	50.4565	50.7091 181.03 0.72292
2 27 5 8 1 o	1280.4667	1264.9010 0.99 0.72276
8 22 5 8 1 o	63.2466	61.6387 181.18 0.72250
1 36 2 8 1 o	2495.0991	2423.9072 180.82 0.72245
7 16 6 8 1 o	95.4291	92.3549 0.02 0.72239
3 37 0 4 1 o	1004.9598	974.1006 180.74 0.72236
14 24 1 8 1 o	4.1370	4.0389 357.02 0.72235
4 7 7 8 1 o	193.3296	185.6720 0.36 0.72230
2 21 6 8 1 o	86.4870	82.9613 180.78 0.72226
7 28 4 8 1 o	0.1712	0.1653 180.34 0.72217
17 14 1 8 1 o	382.2054	374.4686 180.74 0.72202
8 14 6 8 1 o	9.2028	8.8856 359.24 0.72201
10 24 4 8 1 o	445.4237	433.3854 0.56 0.72189
16 11 3 8 1 o	0.0165	0.0162 177.44 0.72187
10 7 6 8 1 o	43.4949	42.3347 180.43 0.72185
2 10 7 8 1 o	644.7347	620.3839 180.69 0.72184
15 8 4 8 1 o	1.8853	1.8588 181.63 0.72177
6 32 3 8 1 o	7.5482	7.4329 181.01 0.72161
6 34 2 8 1 o	1023.9930	1013.1259 180.53 0.72155
11 26 3 8 1 o	4687.0317	4679.8237 180.42 0.72148
3 9 7 8 1 o	3.2716	3.2406 14.14 0.72145
2 34 3 8 1 o	0.1170	0.1170 358.89 0.72140
17 15 0 4 1 o	229.2111	232.9035 180.98 0.72134
5 4 7 8 1 o	158.7993	160.0703 180.67 0.72130
9 29 3 8 1 o	91.3202	93.2664 180.56 0.72123
6 29 4 8 1 o	166.3065	169.5371 181.08 0.72122
16 16 2 8 1 o	259.6461	271.5115 0.61 0.72105
11 16 5 8 1 o	0.0233	0.0243 6.36 0.72104



17 11 2 8 1 o	109.2934	115.3069	0.83	0.72097
2 37 1 8 1 o	5.4731	5.8367	181.07	0.72086
12 20 4 8 1 o	66.2143	71.4763	0.53	0.72077
5 19 6 8 1 o	649.5336	707.4421	1.04	0.72070
0 11 7 4 1 o	513.0327	562.1207	180.51	0.72066
8 27 4 8 1 o	111.2350	124.3473	0.37	0.72051
13 22 3 8 1 o	55.6367	64.1596	1.68	0.72026
4 20 6 8 1 o	149.3154	176.0615	180.67	0.72016
10 30 2 8 1 o	720.6686	869.2047	0.52	0.71992
15 16 3 8 1 o	123.0502	148.4300	0.48	0.71985
13 8 5 8 1 o	809.3489	983.1165	180.91	0.71982
1 11 7 8 1 o	19.5711	24.8493	1.19	0.71962
2 36 2 8 1 o	277.6510	353.8386	181.31	0.71931
12 13 5 8 1 o	100.1440	126.8227	0.44	0.71919
8 34 0 4 1 o	184.9620	235.3692	0.44	0.71917
18 8 1 8 1 o	875.7045	1097.5804	180.84	0.71909
5 5 7 8 1 o	4.0218	5.1707	0.93	0.71901
3 31 4 8 1 o	35.8669	45.8260	0.94	0.71886
6 18 6 8 1 o	231.6566	294.5365	179.19	0.71864
9 33 0 4 1 o	161.5768	203.7856	0.22	0.71849
4 8 7 8 1 o	287.9401	365.4589	1.51	0.71848
14 14 4 8 1 o	33.9914	42.6531	0.56	0.71843
13 27 0 4 1 o	104.4492	131.0780	0.09	0.71829
11 30 1 8 1 o	0.4052	0.5083	184.53	0.71814
10 8 6 8 1 o	28.9867	36.3960	0.76	0.71804
17 1 3 8 1 o	32.1191	39.9894	180.30	0.71798
13 25 2 8 1 o	94.4186	118.0547	180.39	0.71792
5 30 4 8 1 o	141.8701	177.9312	180.30	0.71770
12 27 2 8 1 o	11.8080	14.6963	180.22	0.71755
3 27 5 8 1 o	14.6215	18.3137	184.56	0.71754
5 36 1 8 1 o	2.0085	2.5071	179.05	0.71754
9 12 6 8 1 o	78.6906	98.1872	359.82	0.71751
15 9 4 8 1 o	0.0189	0.0235	177.67	0.71745
7 35 0 4 1 o	2132.5225	2641.0120	180.61	0.71727
17 2 3 8 1 o	2.2020	2.7080	186.18	0.71723
3 21 6 8 1 o	4.4079	5.4326	2.04	0.71705
15 20 2 8 1 o	19.1647	23.3684	180.82	0.71677
18 10 0 4 1 o	1.7808	2.1674	180.99	0.71665
3 10 7 8 1 o	357.1820	435.8046	0.75	0.71664
5 33 3 8 1 o	51.7009	63.0349	180.26	0.71657
2 11 7 8 1 o	66.4564	81.0745	179.92	0.71651
9 26 4 8 1 o	175.1467	213.9034	0.41	0.71629
10 19 5 8 1 o	64.8227	79.1891	180.39	0.71626
5 6 7 8 1 o	4.4225	5.4159	183.10	0.71624
3 34 3 8 1 o	114.7472	140.4453	0.72	0.71621
16 12 3 8 1 o	28.4085	34.6730	181.03	0.71605
17 3 3 8 1 o	10.4693	12.7698	180.09	0.71597
10 28 3 8 1 o	8.4822	10.4087	180.30	0.71594
6 25 5 8 1 o	295.8438	364.7129	0.69	0.71586
9 21 5 8 1 o	13.2901	16.3670	183.63	0.71574
3 37 1 8 1 o	194.6871	239.9607	180.37	0.71568
13 9 5 8 1 o	869.9721	1065.3280	0.90	0.71554
15 22 1 8 1 o	163.5249	199.8888	180.73	0.71554
0 22 6 4 1 o	105.3087	130.6168	0.70	0.71553

5 35 2 8 1 o	112.4432	138.4286	179.39	0.71551
18 0 2 4 1 o	3448.3806	4171.0146	180.59	0.71530
10 32 0 4 1 o	82.4924	100.5439	180.54	0.71525
17 12 2 8 1 o	58.5482	70.6130	0.84	0.71517
18 1 2 8 1 o	434.9521	520.8093	0.98	0.71505
18 9 1 8 1 o	2451.3682	2900.7917	180.62	0.71482
7 24 5 8 1 o	332.0792	394.9903	180.55	0.71479
17 15 1 8 1 o	182.6267	214.6059	0.50	0.71469
8 15 6 8 1 o	289.0900	341.0384	0.57	0.71468
16 19 1 8 1 o	97.4537	113.2833	180.14	0.71452
1 22 6 8 1 o	0.8597	1.0013	356.71	0.71450
5 26 5 8 1 o	267.8518	309.0842	359.68	0.71439
18 2 2 8 1 o	39.8402	45.6880	0.08	0.71430
14 23 2 8 1 o	687.2875	785.8273	180.75	0.71425
17 4 3 8 1 o	526.6149	601.5131	180.78	0.71423
4 9 7 8 1 o	970.6322	1106.4065	0.46	0.71422
3 36 2 8 1 o	12.8214	14.5793	5.47	0.71417
13 18 4 8 1 o	1186.2616	1345.1340	180.99	0.71410
7 17 6 8 1 o	1069.7073	1208.5366	180.60	0.71406
1 12 7 8 1 o	191.9752	214.3882	180.54	0.71385
10 9 6 8 1 o	24.0206	26.8372	0.23	0.71379
6 1 7 8 1 o	24.2110	26.9580	359.91	0.71372
14 20 3 8 1 o	8.8685	9.8468	0.50	0.71356
11 29 2 8 1 o	162.2532	178.1104	180.35	0.71313
18 3 2 8 1 o	7.4606	8.1706	183.35	0.71306
5 7 7 8 1 o	31.9751	35.0051	0.28	0.71301
6 2 7 8 1 o	299.6143	327.7138	180.69	0.71298
6 36 0 4 1 o	875.5371	953.2112	179.87	0.71286
16 17 2 8 1 o	2922.8936	3166.9482	0.66	0.71276
0 38 0 2 1 o	1697.3536	1840.5414	180.54	0.71276
11 17 5 8 1 o	12.0342	13.0421	0.68	0.71276
15 10 4 8 1 o	55.7251	60.2548	0.56	0.71272
8 34 1 8 1 o	33.5468	36.0413	0.82	0.71258
11 0 6 4 1 o	433.4454	464.3520	180.65	0.71253
12 14 5 8 1 o	124.3722	132.5580	180.84	0.71244
0 32 4 4 1 o	185.9080	196.7306	180.35	0.71234
11 1 6 8 1 o	1553.3899	1639.2863	180.49	0.71228
11 23 4 8 1 o	16.3035	16.9718	0.18	0.71207
1 28 5 8 1 o	9.5925	9.9054	181.71	0.71201
17 5 3 8 1 o	25.8085	26.8689	0.16	0.71200
9 33 1 8 1 o	350.8158	361.3354	0.96	0.71191
6 3 7 8 1 o	161.8156	164.2669	0.24	0.71175
13 27 1 8 1 o	1197.9199	1223.7400	0.97	0.71172
4 31 4 8 1 o	135.5225	137.3938	1.07	0.71170
15 17 3 8 1 o	7.0161	7.1518	180.04	0.71161
11 2 6 8 1 o	3.7321	3.7766	2.91	0.71154
2 22 6 8 1 o	46.2246	46.2194	180.68	0.71147
3 11 7 8 1 o	96.8532	96.6510	359.84	0.71143
16 20 0 4 1 o	111.3170	112.7620	0.33	0.71139
18 4 2 8 1 o	8.6817	8.8271	180.44	0.71134
1 32 4 8 1 o	156.0331	156.0050	0.65	0.71133
9 13 6 8 1 o	103.3777	103.6886	0.78	0.71130
14 15 4 8 1 o	25.9394	26.2006	178.59	0.71121
8 23 5 8 1 o	81.3354	81.5053	180.68	0.71121

5 20 6 8 1 o	248.2907	248.5345	180.25	0.71095
15 23 0 4 1 o	841.6288	852.3929	180.96	0.71093
13 10 5 8 1 o	417.6915	423.4039	180.89	0.71084
2 12 7 8 1 o	210.7702	211.0682	0.71	0.71082
7 35 1 8 1 o	30.7611	31.1580	179.78	0.71074
12 25 3 8 1 o	561.3511	572.2170	180.34	0.71065
12 21 4 8 1 o	32.2120	33.0051	359.82	0.71053
4 27 5 8 1 o	162.3660	166.3061	359.92	0.71042
11 3 6 8 1 o	15.6894	16.2326	0.58	0.71032
18 10 1 8 1 o	866.3082	910.0459	180.76	0.71013
14 25 1 8 1 o	487.3313	512.2898	0.56	0.71008
6 4 7 8 1 o	274.0978	287.6714	181.07	0.71004
4 21 6 8 1 o	53.2534	56.2104	1.37	0.70995
16 13 3 8 1 o	9.7163	10.3573	1.48	0.70987
10 25 4 8 1 o	10.6704	11.5192	179.33	0.70965
8 33 2 8 1 o	101.1241	109.3565	180.69	0.70962
11 31 0 4 1 o	57.8295	62.8078	0.67	0.70956
4 10 7 8 1 o	297.5529	323.1323	1.32	0.70955
6 19 6 8 1 o	7.7612	8.4772	1.06	0.70946
12 29 1 8 1 o	255.1015	279.7978	180.67	0.70940
5 8 7 8 1 o	460.7724	507.5737	0.33	0.70933
17 6 3 8 1 o	256.1807	282.3438	0.79	0.70931
18 5 2 8 1 o	495.2520	550.8933	0.68	0.70914
4 34 3 8 1 o	0.0275	0.0306	175.69	0.70913
10 10 6 8 1 o	55.1820	61.4590	180.32	0.70912
13 23 3 8 1 o	0.1907	0.2130	186.74	0.70907
17 13 2 8 1 o	239.2627	267.8336	0.65	0.70902
2 28 5 8 1 o	315.1011	353.1659	0.65	0.70901
10 32 1 8 1 o	48.0043	54.4017	180.59	0.70876
2 38 0 4 1 o	118.6439	134.5191	0.47	0.70875
0 13 7 4 1 o	226.5816	257.1012	180.61	0.70872
8 31 3 8 1 o	0.0069	0.0078	116.97	0.70870
4 37 1 8 1 o	0.4446	0.5073	179.66	0.70861
11 4 6 8 1 o	214.2409	244.5444	0.53	0.70861
9 32 2 8 1 o	127.4578	146.5542	180.29	0.70848
7 32 3 8 1 o	556.5084	645.5641	0.92	0.70833
2 32 4 8 1 o	127.8702	148.1724	0.38	0.70833
0 35 3 4 1 o	340.9759	395.9203	0.46	0.70831
11 27 3 8 1 o	1.5150	1.7656	356.73	0.70829
7 34 2 8 1 o	1.2457	1.4509	356.37	0.70828
14 1 5 8 1 o	87.6952	105.2703	0.51	0.70799
7 29 4 8 1 o	98.9119	118.9912	0.70	0.70797
6 5 7 8 1 o	106.9135	130.9283	180.50	0.70785
1 13 7 8 1 o	45.8215	57.4673	0.13	0.70773
15 11 4 8 1 o	98.6682	125.6253	0.42	0.70759
1 35 3 8 1 o	3.4368	4.7144	0.40	0.70732
14 2 5 8 1 o	58.2692	78.6057	0.71	0.70727
4 36 2 8 1 o	45.2391	63.9708	179.48	0.70715
17 16 1 8 1 o	55.1643	75.6526	0.08	0.70710
8 16 6 8 1 o	114.7873	164.4319	0.45	0.70709
8 28 4 8 1 o	14.3228	20.7993	0.25	0.70689
15 21 2 8 1 o	64.8802	90.8752	0.67	0.70670
10 20 5 8 1 o	62.8046	90.3694	0.44	0.70669
9 30 3 8 1 o	167.4077	238.5804	0.81	0.70660

6 30 4 8 1 o	17.1948	24.8164 180.26 0.70660
3 22 6 8 1 o	2.8972	4.1889 1.39 0.70649
18 6 2 8 1 o	12.6155	17.0370 358.49 0.70648
6 36 1 8 1 o	51.7541	72.3626 0.51 0.70644
11 5 6 8 1 o	111.1014	154.1545 180.63 0.70644
17 7 3 8 1 o	69.2216	89.4228 180.28 0.70617
16 0 4 4 1 o	430.6546	552.3440 0.71 0.70612
5 37 0 4 1 o	121.6264	157.1761 1.04 0.70607
14 3 5 8 1 o	0.4638	0.5922 7.76 0.70607
16 1 4 8 1 o	1737.4335	2135.2366 180.71 0.70588
18 12 0 4 1 o	168.5377	206.5076 179.53 0.70586
3 12 7 8 1 o	1.7563	2.1734 179.95 0.70585
13 11 5 8 1 o	65.2473	78.6594 180.27 0.70576
7 18 6 8 1 o	15.8898	18.4278 179.29 0.70553
6 33 3 8 1 o	57.0846	66.0957 0.12 0.70552
17 17 0 4 1 o	780.9962	903.3895 0.77 0.70550
13 26 2 8 1 o	18.1223	20.6367 0.48 0.70540
12 15 5 8 1 o	280.9823	319.7148 180.91 0.70540
1 38 1 8 1 o	16.1648	18.2844 180.27 0.70536
5 9 7 8 1 o	234.9034	260.4046 180.44 0.70523
9 22 5 8 1 o	5.4779	6.0871 181.09 0.70523
6 6 7 8 1 o	323.1636	357.3759 0.90 0.70521
16 2 4 8 1 o	4.3126	4.7790 0.13 0.70516
13 19 4 8 1 o	13.8099	15.1449 182.19 0.70509
18 11 1 8 1 o	3.3490	3.6733 179.55 0.70506
16 20 1 8 1 o	39.6425	43.2049 181.70 0.70501
10 31 2 8 1 o	20.7170	22.2535 0.21 0.70489
2 13 7 8 1 o	325.4135	343.5051 0.46 0.70477
9 14 6 8 1 o	13.0840	13.8732 1.60 0.70476
15 23 1 8 1 o	41.3636	43.4604 0.92 0.70456
6 35 2 8 1 o	1771.6206	1846.5437 180.86 0.70451
4 11 7 8 1 o	15.3191	15.8687 359.25 0.70449
14 4 5 8 1 o	78.2876	81.5074 1.61 0.70439
1 37 2 8 1 o	99.4579	102.8719 0.87 0.70439
2 35 3 8 1 o	20.7882	21.4663 180.69 0.70437
16 18 2 8 1 o	356.3604	369.5895 0.72 0.70428
11 18 5 8 1 o	9.4965	9.7980 180.23 0.70427
14 26 0 4 1 o	64.6907	66.5704 0.42 0.70414
12 28 2 8 1 o	48.2563	49.5217 180.50 0.70409
3 28 5 8 1 o	38.3180	39.0421 1.14 0.70408
10 11 6 8 1 o	15.5321	15.8893 0.57 0.70407
16 3 4 8 1 o	1091.4666	1121.7183 0.58 0.70397
11 6 6 8 1 o	213.0279	216.9213 180.54 0.70381
19 1 0 4 1 o	492.2056	504.9721 1.30 0.70379
14 16 4 8 1 o	115.7843	118.2023 180.71 0.70373
14 21 3 8 1 o	67.0848	68.4413 181.66 0.70361
1 23 6 8 1 o	95.1624	96.0010 0.96 0.70357
6 26 5 8 1 o	1121.4441	1136.9834 0.92 0.70344
3 32 4 8 1 o	4.7714	4.8368 358.27 0.70342
16 14 3 8 1 o	40.5732	41.5507 0.43 0.70338
18 7 2 8 1 o	69.4874	71.3032 0.99 0.70338
9 27 4 8 1 o	1.3534	1.3774 359.45 0.70337
11 31 1 8 1 o	86.4777	88.4967 180.71 0.70322
15 18 3 8 1 o	23.1939	23.8489 180.35 0.70316

7 25 5 8 1 o	1.0069	1.0430	4.11	0.70289
14 24 2 8 1 o	41.4720	43.1659	181.40	0.70285
5 31 4 8 1 o	134.7206	140.2999	180.81	0.70280
17 8 3 8 1 o	1095.5005	1154.8262	180.66	0.70260
17 14 2 8 1 o	69.4192	73.3391	0.64	0.70255
2 38 1 8 1 o	13.7704	14.6540	1.81	0.70244
16 4 4 8 1 o	27.5253	29.3384	180.71	0.70231
14 5 5 8 1 o	16.4750	17.6074	359.56	0.70226
6 7 7 8 1 o	531.7994	573.7426	0.31	0.70212
15 12 4 8 1 o	604.5907	647.9261	0.40	0.70210
10 29 3 8 1 o	749.8371	805.9761	0.61	0.70210
19 3 0 4 1 o	790.8099	846.4395	180.68	0.70190
12 30 0 4 1 o	130.2874	139.0184	181.58	0.70158
5 27 5 8 1 o	126.6180	135.3335	0.43	0.70157
2 37 2 8 1 o	136.7951	145.5811	180.81	0.70148
1 14 7 8 1 o	5.6621	5.9786	0.15	0.70129
5 21 6 8 1 o	377.3279	395.4767	180.85	0.70112
7 1 7 8 1 o	31.8037	33.0941	180.00	0.70087
11 24 4 8 1 o	2050.9700	2134.9692	0.59	0.70078
11 7 6 8 1 o	2.6562	2.7631	1.62	0.70074
5 10 7 8 1 o	172.5825	178.9553	0.02	0.70073
2 23 6 8 1 o	2.1220	2.1983	1.57	0.70067
5 34 3 8 1 o	0.3723	0.3871	358.94	0.70033
13 12 5 8 1 o	149.7778	155.9768	0.97	0.70031
12 22 4 8 1 o	165.8629	172.8536	180.53	0.70024
16 5 4 8 1 o	664.2951	693.1151	180.82	0.70020
7 2 7 8 1 o	44.3346	46.2335	0.31	0.70017
6 20 6 8 1 o	34.9374	36.4433	180.85	0.70016
8 24 5 8 1 o	0.9054	0.9486	3.87	0.69995
3 13 7 8 1 o	96.1398	100.8719	180.22	0.69993
18 8 2 8 1 o	22.9718	24.0517	0.92	0.69985
5 37 1 8 1 o	41.1876	43.2303	0.39	0.69983
4 22 6 8 1 o	21.2695	22.3892	0.55	0.69969
14 6 5 8 1 o	10.8822	11.4115	180.99	0.69968
18 12 1 8 1 o	276.3950	289.4794	0.86	0.69963
3 35 3 8 1 o	2.6558	2.7910	0.06	0.69954
0 29 5 4 1 o	62.4351	65.4606	0.68	0.69935
17 17 1 8 1 o	15.4553	16.1047	180.85	0.69928
8 17 6 8 1 o	33.7389	35.2467	180.99	0.69927
4 12 7 8 1 o	133.4224	138.3974	181.25	0.69907
7 3 7 8 1 o	76.4062	78.9672	181.20	0.69900
11 30 2 8 1 o	1798.7230	1856.3918	180.58	0.69898
10 12 6 8 1 o	592.1190	602.8214	1.05	0.69867
17 9 3 8 1 o	15.5365	15.8245	0.39	0.69861
6 8 7 8 1 o	1452.0153	1472.6862	180.87	0.69861
13 28 1 8 1 o	50.4710	51.2639	0.77	0.69858
12 26 3 8 1 o	4.4155	4.4706	359.76	0.69849
2 14 7 8 1 o	177.0486	178.0047	180.96	0.69842
5 36 2 8 1 o	58.4378	58.9216	180.59	0.69842
1 29 5 8 1 o	2.0782	2.0898	358.60	0.69839
19 5 0 4 1 o	537.7061	541.4918	0.65	0.69816
12 16 5 8 1 o	94.1881	94.3628	0.15	0.69809
14 26 1 8 1 o	134.1199	134.2622	2.25	0.69795
9 15 6 8 1 o	6.8406	6.8218	182.28	0.69795

13 24 3 8 1 o	0.0184	0.0184 297.14 0.69791
3 38 1 8 1 o	124.1016	123.6183 180.78 0.69765
16 6 4 8 1 o	17.5722	17.6121 0.40 0.69764
19 1 1 8 1 o	39.3656	39.5344 0.52 0.69761
10 26 4 8 1 o	12.3101	12.2923 0.26 0.69754
7 4 7 8 1 o	49.5853	49.5383 1.17 0.69738
4 28 5 8 1 o	82.9742	82.9408 181.70 0.69735
11 8 6 8 1 o	70.5648	70.9885 0.19 0.69725
4 38 0 4 1 o	832.6983	841.9403 180.52 0.69710
10 21 5 8 1 o	191.6760	194.5813 180.95 0.69703
19 2 1 8 1 o	55.4355	56.7375 0.72 0.69692
7 19 6 8 1 o	870.8742	892.0578 180.73 0.69684
4 32 4 8 1 o	56.5612	58.3399 180.23 0.69671
3 37 2 8 1 o	7.7419	7.9869 359.70 0.69671
14 7 5 8 1 o	515.5966	533.2150 180.45 0.69666
16 15 3 8 1 o	111.4005	115.5304 0.15 0.69660
15 22 2 8 1 o	0.9219	0.9572 182.07 0.69657
15 13 4 8 1 o	144.5436	151.8807 0.76 0.69628
8 35 1 8 1 o	0.5251	0.5551 183.74 0.69615
14 17 4 8 1 o	11.7615	12.4717 186.72 0.69602
9 34 1 8 1 o	18.5181	19.6845 181.26 0.69599
13 20 4 8 1 o	6.1720	6.5615 2.61 0.69595
3 23 6 8 1 o	304.7797	325.5496 180.98 0.69591
18 9 2 8 1 o	43.3343	46.0333 0.11 0.69591
1 33 4 8 1 o	42.5310	45.4157 1.01 0.69590
5 11 7 8 1 o	0.1793	0.1918 2.71 0.69586
17 15 2 8 1 o	597.6935	637.1998 180.50 0.69579
19 3 1 8 1 o	635.5963	677.4131 180.72 0.69577
16 19 2 8 1 o	622.7343	666.7200 0.87 0.69563
11 19 5 8 1 o	55.3995	59.4855 180.07 0.69563
2 29 5 8 1 o	193.3597	208.6859 181.07 0.69555
0 15 7 4 1 o	305.3093	330.5911 180.42 0.69551
12 30 1 8 1 o	2.1104	2.2714 1.14 0.69546
16 21 1 8 1 o	10.9676	11.7856 179.83 0.69542
11 28 3 8 1 o	0.4300	0.4637 181.23 0.69533
7 5 7 8 1 o	0.0108	0.0117 355.66 0.69531
9 23 5 8 1 o	37.8063	40.3243 180.45 0.69471
6 9 7 8 1 o	464.5439	495.8347 0.63 0.69469
16 7 4 8 1 o	210.1312	223.0031 180.69 0.69465
1 15 7 8 1 o	860.6677	913.5918 180.79 0.69457
15 19 3 8 1 o	29.2548	30.9437 0.06 0.69456
13 13 5 8 1 o	6.0393	6.3818 0.92 0.69453
17 10 3 8 1 o	1377.6581	1440.6329 180.64 0.69424
19 4 1 8 1 o	26.3291	27.4923 179.69 0.69416
7 30 4 8 1 o	0.0285	0.0296 243.61 0.69412
7 36 1 8 1 o	0.1473	0.1525 181.98 0.69397
8 32 3 8 1 o	4.2979	4.4449 0.92 0.69389
18 13 1 8 1 o	2.7753	2.8847 358.65 0.69387
8 34 2 8 1 o	1353.7424	1400.3379 180.59 0.69384
18 14 0 4 1 o	86.6797	90.1465 0.74 0.69372
3 14 7 8 1 o	136.6539	140.9149 0.78 0.69371
14 22 3 8 1 o	1.1491	1.1958 0.40 0.69362
15 24 1 8 1 o	240.8998	250.7951 0.58 0.69361
0 24 6 4 1 o	750.0248	776.2272 0.81 0.69360

1 39 0 4 1 o	12.1197	12.6092 181.23 0.69355
8 29 4 8 1 o	0.2236	0.2327 18.07 0.69355
10 33 1 8 1 o	22.6375	23.6294 182.37 0.69350
11 9 6 8 1 o	1.5236	1.6012 180.51 0.69336
4 13 7 8 1 o	213.7721	225.1022 180.37 0.69332
14 8 5 8 1 o	279.3416	295.5226 1.26 0.69323
9 33 2 8 1 o	425.6041	450.5766 180.66 0.69323
7 33 3 8 1 o	18.6060	19.8651 359.97 0.69310
2 33 4 8 1 o	181.3766	193.9558 0.57 0.69309
13 27 2 8 1 o	0.3613	0.3858 179.95 0.69305
4 35 3 8 1 o	33.9902	36.6335 0.57 0.69294
10 13 6 8 1 o	21.0510	22.6631 180.28 0.69293
7 6 7 8 1 o	78.7406	85.4455 0.46 0.69280
1 24 6 8 1 o	340.3064	371.5729 0.46 0.69267
19 7 0 4 1 o	48.7494	52.3226 1.06 0.69265
9 31 3 8 1 o	19.9201	21.4506 180.43 0.69237
6 31 4 8 1 o	185.8567	200.6673 180.90 0.69237
7 35 2 8 1 o	4287.1968	4563.0063 180.60 0.69214
19 5 1 8 1 o	5.0550	5.3289 181.23 0.69212
2 15 7 8 1 o	188.3020	195.2336 0.45 0.69178
16 22 0 4 1 o	3.0147	3.0709 357.44 0.69164
18 10 2 8 1 o	2.0003	2.0282 181.98 0.69159
13 29 0 4 1 o	365.8170	370.3661 180.44 0.69157
14 25 2 8 1 o	7.7782	7.8540 181.05 0.69154
17 18 1 8 1 o	20.9589	20.6631 180.15 0.69126
8 18 6 8 1 o	41.7681	40.9607 182.82 0.69125
16 8 4 8 1 o	35.5770	35.0303 180.41 0.69125
5 22 6 8 1 o	18.9506	18.5182 0.05 0.69123
6 27 5 8 1 o	361.0288	351.7405 0.29 0.69119
7 26 5 8 1 o	5096.5518	4934.3237 0.63 0.69113
4 38 1 8 1 o	418.0841	404.0513 180.71 0.69110
12 29 2 8 1 o	18.9001	18.0331 180.84 0.69090
3 29 5 8 1 o	2.0656	1.9547 1.50 0.69090
9 16 6 8 1 o	65.6195	62.1729 0.57 0.69087
1 36 3 8 1 o	38.2358	35.9512 0.24 0.69079
6 21 6 8 1 o	66.8480	62.6242 181.37 0.69076
9 28 4 8 1 o	13.0784	12.2598 179.79 0.69068
5 12 7 8 1 o	133.7986	124.1419 180.94 0.69063
12 17 5 8 1 o	0.3191	0.2988 4.55 0.69057
6 10 7 8 1 o	632.5515	583.7159 181.06 0.69039
12 0 6 4 1 o	23.2507	21.7104 175.44 0.69036
10 32 2 8 1 o	213.7810	199.2669 180.49 0.69032
4 37 2 8 1 o	196.9251	183.2805 1.08 0.69018
15 14 4 8 1 o	86.1446	81.1893 180.74 0.69015
12 1 6 8 1 o	0.0058	0.0054 194.64 0.69013
6 34 3 8 1 o	0.3146	0.2954 181.93 0.69001
12 23 4 8 1 o	144.7038	137.2059 0.92 0.68994
2 24 6 8 1 o	790.5140	743.0068 180.79 0.68990
7 7 7 8 1 o	19.2061	18.1631 180.32 0.68987
19 6 1 8 1 o	4.5357	4.4383 359.04 0.68965
16 16 3 8 1 o	0.4290	0.4223 178.42 0.68957
11 25 4 8 1 o	68.2123	66.9554 0.52 0.68956
6 37 1 8 1 o	5.2705	5.1873 359.89 0.68953
17 11 3 8 1 o	0.5567	0.5519 359.10 0.68950

12 2 6 8 1 o	5.7653	5.7265 359.69 0.68946
4 23 6 8 1 o	15.8784	15.8348 181.03 0.68941
14 9 5 8 1 o	38.0852	38.1053 0.72 0.68940
11 10 6 8 1 o	6.2824	6.5218 179.94 0.68908
5 28 5 8 1 o	404.6963	426.2072 180.76 0.68897
17 19 0 4 1 o	874.7661	921.4761 0.78 0.68888
17 16 2 8 1 o	89.8257	95.1563 0.47 0.68878
8 25 5 8 1 o	808.4117	864.4078 0.58 0.68878
11 32 1 8 1 o	5.4342	5.7995 359.84 0.68875
10 30 3 8 1 o	2.3766	2.5598 179.43 0.68858
0 39 1 4 1 o	19.8305	21.4391 1.91 0.68855
15 25 0 4 1 o	117.0778	125.8845 180.33 0.68852
3 33 4 8 1 o	193.9261	210.4239 0.65 0.68849
13 14 5 8 1 o	286.7065	309.1771 180.77 0.68844
5 32 4 8 1 o	43.2738	46.9836 0.48 0.68836
12 3 6 8 1 o	1.4017	1.5147 177.81 0.68835
6 36 2 8 1 o	10.7265	11.6164 179.77 0.68818
14 18 4 8 1 o	82.9448	89.3904 180.46 0.68812
0 38 2 4 1 o	0.2389	0.2586 356.19 0.68809
2 36 3 8 1 o	0.0611	0.0661 179.22 0.68804
7 20 6 8 1 o	89.1066	96.3714 359.89 0.68801
18 14 1 8 1 o	229.9771	245.9232 181.00 0.68780
1 39 1 8 1 o	1068.9667	1142.3361 0.67 0.68764
1 16 7 8 1 o	44.1748	47.2698 180.55 0.68760
16 9 4 8 1 o	193.1165	204.4417 0.25 0.68745
10 22 5 8 1 o	2.0688	2.1797 179.84 0.68731
4 14 7 8 1 o	645.8601	679.6770 0.83 0.68727
3 15 7 8 1 o	615.9729	645.6844 0.67 0.68720
1 38 2 8 1 o	162.5459	170.0759 0.68 0.68718
18 11 2 8 1 o	154.7619	160.0036 180.82 0.68690
10 14 6 8 1 o	97.1795	99.9474 180.41 0.68688
8 1 7 8 1 o	111.5883	114.5669 180.38 0.68687
16 20 2 8 1 o	122.4613	126.1908 180.67 0.68685
11 20 5 8 1 o	98.6922	101.3725 0.39 0.68685
13 25 3 8 1 o	68.7970	70.7036 180.29 0.68683
12 4 6 8 1 o	34.8376	35.7131 0.49 0.68680
19 7 1 8 1 o	53.3968	54.9269 180.48 0.68676
13 21 4 8 1 o	33.9205	34.6784 0.57 0.68672
7 8 7 8 1 o	1518.2468	1530.5177 0.65 0.68654
12 27 3 8 1 o	299.9725	304.2305 1.82 0.68650
15 23 2 8 1 o	221.5440	225.1725 180.83 0.68643
9 35 0 4 1 o	1722.8704	1740.6030 0.83 0.68639
3 39 0 4 1 o	59.5119	60.1083 1.09 0.68621
8 2 7 8 1 o	117.5014	118.4398 0.85 0.68621
8 36 0 4 1 o	271.2108	275.5035 181.63 0.68610
14 27 1 8 1 o	24.8076	25.5025 180.88 0.68599
15 20 3 8 1 o	236.0533	246.2722 180.89 0.68582
16 22 1 8 1 o	272.2885	285.5674 180.90 0.68577
6 11 7 8 1 o	11.6292	12.1497 359.26 0.68573
13 29 1 8 1 o	149.4341	157.5361 180.73 0.68570
10 27 4 8 1 o	1.6710	1.7809 359.43 0.68560
19 9 0 4 1 o	74.6528	80.4803 180.26 0.68552
3 24 6 8 1 o	331.7337	365.4073 180.38 0.68536
14 10 5 8 1 o	28.8436	32.3239 2.89 0.68520



11 31 2 8 1 o	105.6951	118.6697	0.45	0.68520
8 3 7 8 1 o	2.4732	2.8189	3.31	0.68511
5 13 7 8 1 o	79.8244	91.5546	0.33	0.68509
1 30 5 8 1 o	0.0067	0.0077	13.27	0.68508
2 39 1 8 1 o	26.9813	31.3679	181.70	0.68493
2 16 7 8 1 o	20.9786	24.7144	180.85	0.68489
12 5 6 8 1 o	5.6004	6.5386	359.74	0.68482
5 35 3 8 1 o	1.4793	1.7503	0.15	0.68472
4 29 5 8 1 o	144.9767	173.5168	180.30	0.68454
2 38 2 8 1 o	166.6237	198.7893	0.97	0.68447
11 11 6 8 1 o	2.1246	2.5229	180.23	0.68445
10 34 0 4 1 o	1253.0974	1487.2329	0.74	0.68444
17 12 3 8 1 o	117.1291	137.4609	0.91	0.68442
18 1 3 8 1 o	13.4965	15.7880	179.94	0.68431
9 24 5 8 1 o	170.4007	201.7230	0.83	0.68421
15 15 4 8 1 o	20.2362	23.0637	180.15	0.68374
18 2 3 8 1 o	33.1684	37.5894	180.46	0.68366
14 23 3 8 1 o	72.1321	81.4524	0.86	0.68361
7 37 0 4 1 o	751.6918	846.3817	180.79	0.68359
8 4 7 8 1 o	96.3107	108.3098	1.10	0.68358
9 17 6 8 1 o	1943.3960	2184.6858	0.75	0.68357
3 36 3 8 1 o	17.4537	19.5602	180.76	0.68354
19 8 1 8 1 o	219.6077	246.5031	180.39	0.68347
16 10 4 8 1 o	8.0341	8.9491	180.01	0.68328
17 19 1 8 1 o	0.0024	0.0027	49.00	0.68308
8 19 6 8 1 o	22.2391	24.5662	359.82	0.68307
5 38 1 8 1 o	32.9011	36.5420	0.83	0.68294
12 18 5 8 1 o	35.5300	39.7430	180.20	0.68284
7 9 7 8 1 o	178.3177	198.9782	181.42	0.68282
15 25 1 8 1 o	191.3366	215.7047	180.27	0.68273
11 29 3 8 1 o	1.2995	1.4739	3.35	0.68263
18 3 3 8 1 o	206.3690	235.2005	180.79	0.68257
12 6 6 8 1 o	1732.1432	1995.3541	0.56	0.68242
2 30 5 8 1 o	0.7149	0.8267	182.77	0.68240
16 17 3 8 1 o	49.4683	57.3301	180.71	0.68231
4 33 4 8 1 o	0.4873	0.5723	191.43	0.68219
13 15 5 8 1 o	76.1701	89.5633	1.34	0.68208
5 37 2 8 1 o	371.3837	438.8275	0.77	0.68206
0 34 4 4 1 o	3.4919	4.1660	2.85	0.68189
12 31 1 8 1 o	4.5344	5.3759	178.52	0.68188
18 12 2 8 1 o	190.1931	224.3395	0.74	0.68187
1 25 6 8 1 o	1.6656	1.9951	181.31	0.68183
8 5 7 8 1 o	6.6401	7.9439	1.16	0.68163
17 17 2 8 1 o	3431.6562	4071.2319	0.64	0.68155
18 15 1 8 1 o	66.1720	78.4775	180.74	0.68146
5 23 6 8 1 o	758.9651	907.8591	0.90	0.68132
6 22 6 8 1 o	4.0177	4.8024	1.58	0.68130
0 17 7 4 1 o	0.1066	0.1278	182.57	0.68128
18 4 3 8 1 o	0.6898	0.8150	359.77	0.68106
1 34 4 8 1 o	422.9739	503.6047	180.55	0.68100
4 15 7 8 1 o	99.5148	118.5491	180.32	0.68094
13 28 2 8 1 o	140.1451	165.8700	0.42	0.68090
15 1 5 8 1 o	55.4944	65.5476	180.36	0.68088
6 12 7 8 1 o	245.1665	290.8573	0.98	0.68073

9 35 1 8 1 o	23.3162	27.5304 180.87 0.68065
14 11 5 8 1 o	39.0604	45.9947 180.49 0.68064
7 31 4 8 1 o	10.6841	12.6245 1.60 0.68062
10 15 6 8 1 o	142.8611	168.5025 0.04 0.68057
8 30 4 8 1 o	136.9149	161.3397 0.75 0.68051
3 39 1 8 1 o	307.0151	361.6080 180.74 0.68048
18 16 0 4 1 o	54.4859	63.7615 180.63 0.68046
3 16 7 8 1 o	12.1635	14.3716 180.64 0.68045
1 17 7 8 1 o	13.3869	15.8115 0.69 0.68040
8 36 1 8 1 o	69.8857	81.9895 180.45 0.68038
14 26 2 8 1 o	5.0393	5.8844 180.76 0.68032
11 33 0 4 1 o	0.7022	0.8211 7.74 0.68030
15 2 5 8 1 o	138.6821	161.2284 0.64 0.68023
19 0 2 4 1 o	1605.1255	1859.4397 0.77 0.68022
14 19 4 8 1 o	231.6153	267.2634 181.13 0.68004
3 38 2 8 1 o	75.4583	87.3986 180.67 0.68004
19 1 2 8 1 o	248.7823	285.3697 180.19 0.68000
19 9 1 8 1 o	1561.0774	1770.8644 180.82 0.67980
14 28 0 4 1 o	48.5177	55.0706 0.69 0.67977
12 24 4 8 1 o	132.2277	148.9098 180.58 0.67966
12 7 6 8 1 o	30.5331	34.3011 0.22 0.67962
8 33 3 8 1 o	349.7668	390.7401 0.93 0.67955
7 27 5 8 1 o	99.1298	110.3377 1.47 0.67950
11 12 6 8 1 o	13.0654	14.4958 179.12 0.67947
19 2 2 8 1 o	0.0821	0.0900 5.36 0.67936
8 6 7 8 1 o	386.9897	421.2058 180.70 0.67927
5 14 7 8 1 o	60.8804	66.1078 180.76 0.67925
2 25 6 8 1 o	2.1485	2.3193 0.84 0.67919
15 3 5 8 1 o	23.5939	25.4384 359.45 0.67916
4 24 6 8 1 o	138.2256	148.5594 0.69 0.67915
6 28 5 8 1 o	190.4542	204.4740 1.17 0.67914
18 5 3 8 1 o	61.4518	66.0987 180.92 0.67913
7 21 6 8 1 o	35.0061	37.3877 1.23 0.67909
17 13 3 8 1 o	59.3921	63.2554 180.21 0.67902
6 38 0 4 1 o	7.3340	7.7013 358.21 0.67891
16 11 4 8 1 o	74.8472	77.9462 1.23 0.67876
10 34 1 8 1 o	0.4134	0.4282 183.83 0.67875
7 10 7 8 1 o	706.1685	727.3246 0.63 0.67874
8 35 2 8 1 o	2721.2676	2790.6616 0.57 0.67865
9 32 3 8 1 o	262.3889	266.9228 180.80 0.67855
6 32 4 8 1 o	83.8445	85.0561 0.13 0.67854
9 34 2 8 1 o	633.9194	642.9478 0.52 0.67850
11 26 4 8 1 o	87.4746	88.4467 180.49 0.67844
7 34 3 8 1 o	326.4937	327.8049 0.60 0.67837
2 34 4 8 1 o	929.4288	929.5092 0.72 0.67837
19 3 2 8 1 o	82.8989	84.2205 359.76 0.67829
9 29 4 8 1 o	0.7959	0.7941 359.96 0.67823
12 30 2 8 1 o	695.5243	694.0908 180.62 0.67801
3 30 5 8 1 o	257.8484	254.2050 180.87 0.67801
16 21 2 8 1 o	193.8762	194.7084 180.78 0.67797
11 21 5 8 1 o	81.9814	81.5946 1.80 0.67797
7 37 1 8 1 o	1.1411	1.1339 179.79 0.67792
2 17 7 8 1 o	72.1695	71.0527 180.49 0.67778
8 26 5 8 1 o	1568.9274	1568.5120 180.62 0.67769

15 4 5 8 1 o	36.1478	36.6388	1.55	0.67767
10 23 5 8 1 o	33.0237	33.4114	0.95	0.67756
13 22 4 8 1 o	0.5647	0.5820	0.04	0.67742
4 36 3 8 1 o	6.6434	6.8320	0.04	0.67738
0 40 0 2 1 o	268.0826	286.1580	0.75	0.67712
15 16 4 8 1 o	15.9261	17.1828	0.17	0.67708
15 21 3 8 1 o	0.0909	0.0996	358.13	0.67698
19 11 0 4 1 o	242.4089	269.0457	180.74	0.67690
19 4 2 8 1 o	30.5242	34.3399	0.89	0.67681
18 6 3 8 1 o	24.8220	28.0091	0.96	0.67679
7 36 2 8 1 o	176.1104	204.6498	181.20	0.67663
5 29 5 8 1 o	3.9535	4.6234	359.79	0.67661
18 13 2 8 1 o	206.5584	241.9645	180.76	0.67653
8 7 7 8 1 o	283.8687	337.2780	0.65	0.67651
12 8 6 8 1 o	2.1879	2.6139	0.89	0.67644
15 24 2 8 1 o	8.1010	9.8064	1.81	0.67630
10 33 2 8 1 o	2.5857	3.1823	1.64	0.67619
16 23 1 8 1 o	0.0582	0.0720	348.36	0.67608
9 18 6 8 1 o	91.9373	114.7700	180.91	0.67608
13 26 3 8 1 o	364.5529	460.6270	179.83	0.67584
0 37 3 4 1 o	5.6842	7.2538	1.69	0.67581
15 5 5 8 1 o	25.8322	32.6878	0.59	0.67577
19 10 1 8 1 o	102.3534	128.9311	180.10	0.67577
14 12 5 8 1 o	13.2087	16.7720	180.87	0.67575
17 0 4 4 1 o	1791.2692	2264.0063	180.41	0.67574
17 1 4 8 1 o	826.9027	1059.3832	0.74	0.67553
13 16 5 8 1 o	45.5256	58.9647	0.30	0.67548
6 13 7 8 1 o	9.0739	11.9426	359.70	0.67541
10 31 3 8 1 o	83.1490	108.5992	180.94	0.67540
6 35 3 8 1 o	31.0144	41.3594	179.84	0.67506
1 37 3 8 1 o	72.0032	96.5151	180.14	0.67495
12 19 5 8 1 o	79.6809	105.6778	0.33	0.67495
19 5 2 8 1 o	2.2108	2.8839	1.92	0.67492
17 2 4 8 1 o	5.7830	7.5669	359.80	0.67490
18 16 1 8 1 o	0.1182	0.1547	196.49	0.67487
3 25 6 8 1 o	68.0375	91.8017	180.85	0.67486
16 18 3 8 1 o	0.3261	0.4282	359.82	0.67485
17 20 1 8 1 o	0.5434	0.7113	7.46	0.67476
8 20 6 8 1 o	13.9027	18.5573	180.65	0.67475
11 33 1 8 1 o	154.3681	203.8063	181.31	0.67472
12 28 3 8 1 o	5.6445	7.4289	180.24	0.67468
4 39 1 8 1 o	16.8719	21.8418	179.76	0.67440
4 16 7 8 1 o	3.6771	4.7841	2.71	0.67437
5 33 4 8 1 o	209.3273	269.9162	0.50	0.67435
7 11 7 8 1 o	11.5080	14.7943	0.60	0.67430
14 28 1 8 1 o	161.0048	202.0884	1.11	0.67420
11 13 6 8 1 o	38.5329	48.5226	0.79	0.67419
17 18 2 8 1 o	1391.8004	1725.6747	0.43	0.67412
12 32 0 4 1 o	23.6138	29.3532	1.20	0.67410
18 7 3 8 1 o	4.0634	4.9964	0.81	0.67406
3 34 4 8 1 o	2.7403	3.3995	177.49	0.67405
10 16 6 8 1 o	368.4009	452.8972	0.77	0.67400
4 38 2 8 1 o	99.4730	121.7776	0.38	0.67397
16 12 4 8 1 o	114.9724	139.1707	180.33	0.67391

17 3 4 8 1 o	0.9337	1.1213 183.31 0.67385
10 28 4 8 1 o	9.7969	11.7583 180.37 0.67383
9 25 5 8 1 o	393.5612	468.4379 180.51 0.67376
2 40 0 4 1 o	44.2929	52.2081 180.85 0.67368
14 24 3 8 1 o	5.1310	5.9913 181.59 0.67360
15 6 5 8 1 o	84.8120	97.7174 181.06 0.67347
3 17 7 8 1 o	11.5574	13.2599 180.47 0.67347
8 8 7 8 1 o	1555.2419	1766.6238 0.63 0.67337
6 38 1 8 1 o	205.6072	233.6039 0.91 0.67336
17 14 3 8 1 o	144.1601	164.0079 181.39 0.67333
5 15 7 8 1 o	59.9203	66.3984 180.46 0.67314
13 30 1 8 1 o	175.2001	194.7159 180.45 0.67309
1 18 7 8 1 o	0.3474	0.3799 0.90 0.67301
0 31 5 4 1 o	95.7702	104.4436 0.22 0.67294
12 9 6 8 1 o	55.3599	60.5464 180.21 0.67288
19 6 2 8 1 o	10.9479	11.9552 176.80 0.67262
6 37 2 8 1 o	167.7153	180.4493 181.10 0.67251
17 4 4 8 1 o	75.2199	81.8366 180.65 0.67240
2 37 3 8 1 o	26.3889	28.3322 180.68 0.67239
5 39 0 4 1 o	246.1336	266.1977 180.88 0.67221
1 31 5 8 1 o	154.2299	166.9992 0.68 0.67209
4 30 5 8 1 o	7.4664	8.1516 1.62 0.67199
9 1 7 8 1 o	57.3158	62.7649 0.09 0.67198
15 26 1 8 1 o	34.1964	37.7269 359.81 0.67193
0 26 6 4 1 o	2.3565	2.5820 182.95 0.67192
14 20 4 8 1 o	186.2972	206.7607 0.48 0.67183
6 23 6 8 1 o	1.2895	1.4305 3.02 0.67180
11 32 2 8 1 o	23.7400	26.4070 0.69 0.67179
16 24 0 4 1 o	451.3479	503.0191 0.30 0.67178
17 21 0 4 1 o	11.2333	12.5733 357.73 0.67172
5 24 6 8 1 o	132.0411	150.9762 0.27 0.67141
19 11 1 8 1 o	2.4151	2.7514 0.74 0.67140
9 2 7 8 1 o	17.3376	19.8460 180.38 0.67136
1 26 6 8 1 o	91.1060	105.0184 180.26 0.67108
18 8 3 8 1 o	19.6549	22.5677 180.72 0.67095
18 14 2 8 1 o	0.0599	0.0688 357.19 0.67091
15 7 5 8 1 o	112.4321	128.9741 180.18 0.67078
1 40 1 8 1 o	11.5600	13.2424 0.72 0.67077
1 39 2 8 1 o	0.2423	0.2775 182.64 0.67076
14 13 5 8 1 o	21.3594	24.4891 180.72 0.67055
17 5 4 8 1 o	111.2491	127.8135 0.93 0.67054
2 18 7 8 1 o	17.9964	20.4952 0.35 0.67047
9 3 7 8 1 o	113.8604	130.6599 1.59 0.67033
15 17 4 8 1 o	107.8052	124.9505 180.32 0.67021
11 30 3 8 1 o	0.2416	0.2798 179.60 0.67019
7 22 6 8 1 o	39.7233	46.1452 180.38 0.67009
19 7 2 8 1 o	44.5528	52.6231 0.99 0.66994
8 9 7 8 1 o	1437.1567	1707.7383 0.64 0.66986
6 14 7 8 1 o	439.3751	524.5802 180.93 0.66981
5 36 3 8 1 o	0.7727	0.9359 2.34 0.66969
2 31 5 8 1 o	36.0653	44.4664 179.89 0.66956
7 12 7 8 1 o	3.0001	3.7036 0.47 0.66955
12 25 4 8 1 o	5.0968	6.3474 180.26 0.66941
14 27 2 8 1 o	26.6156	33.5027 0.37 0.66922

16 22 2 8 1 o	0.1960	0.2473	183.58	0.66902
11 22 5 8 1 o	95.4252	121.5230	180.44	0.66902
12 10 6 8 1 o	7.6357	9.7078	359.50	0.66897
13 29 2 8 1 o	59.4229	75.3223	180.78	0.66896
4 25 6 8 1 o	4.1560	5.3495	180.94	0.66892
9 4 7 8 1 o	2.6074	3.3310	181.10	0.66890
20 0 0 2 1 o	4406.6289	5507.6538	0.84	0.66883
16 13 4 8 1 o	373.1034	467.1172	0.80	0.66876
12 32 1 8 1 o	80.8630	101.2313	180.99	0.66867
13 17 5 8 1 o	0.0111	0.0138	354.59	0.66865
11 14 6 8 1 o	17.0668	21.3416	181.50	0.66862
2 26 6 8 1 o	41.9366	52.5353	180.08	0.66856
13 0 6 4 1 o	213.8693	262.5688	0.67	0.66846
9 19 6 8 1 o	252.7805	310.1735	0.78	0.66842
17 6 4 8 1 o	86.8524	104.5893	180.65	0.66829
13 1 6 8 1 o	128.5115	154.5549	179.64	0.66826
2 40 1 8 1 o	73.5950	88.6410	0.77	0.66825
2 39 2 8 1 o	15.1619	18.2337	1.07	0.66824
3 37 3 8 1 o	16.8610	20.1444	0.09	0.66818
4 34 4 8 1 o	347.9752	413.8253	0.65	0.66814
13 23 4 8 1 o	228.1040	269.5997	180.62	0.66808
15 22 3 8 1 o	66.3517	78.2858	181.71	0.66806
18 17 1 8 1 o	7.4173	8.7470	1.24	0.66806
7 28 5 8 1 o	0.5536	0.6509	8.20	0.66804
20 2 0 4 1 o	56.3556	66.1986	0.35	0.66801
10 24 5 8 1 o	1.8360	2.1158	181.68	0.66781
8 31 4 8 1 o	166.6598	191.3939	0.62	0.66778
15 8 5 8 1 o	0.3694	0.4236	172.25	0.66772
13 2 6 8 1 o	1.3494	1.5380	357.16	0.66765
4 17 7 8 1 o	1.1234	1.2670	359.04	0.66757
18 9 3 8 1 o	518.2748	586.8505	180.59	0.66748
7 32 4 8 1 o	0.9328	1.0486	179.31	0.66747
11 27 4 8 1 o	20.3698	22.8929	180.30	0.66743
17 15 3 8 1 o	13.3856	15.0656	180.14	0.66738
6 29 5 8 1 o	213.0894	237.0297	180.45	0.66729
16 19 3 8 1 o	0.0040	0.0045	119.60	0.66723
10 17 6 8 1 o	72.4827	80.5316	180.02	0.66722
9 5 7 8 1 o	1.6600	1.8322	180.95	0.66707
19 13 0 4 1 o	95.9924	106.6241	180.82	0.66698
12 20 5 8 1 o	17.7450	19.5725	179.74	0.66692
19 8 2 8 1 o	52.5738	58.3948	180.49	0.66689
5 39 1 8 1 o	128.9195	141.5466	0.30	0.66682
5 16 7 8 1 o	12.3491	13.4870	180.94	0.66678
8 27 5 8 1 o	1831.9653	2007.6644	0.71	0.66672
19 12 1 8 1 o	13.7008	15.1881	359.98	0.66670
13 3 6 8 1 o	59.1915	65.2062	0.11	0.66663
1 35 4 8 1 o	45.5141	49.7413	1.10	0.66662
17 19 2 8 1 o	232.7388	257.9312	0.92	0.66652
15 27 0 4 1 o	0.8868	0.9801	1.32	0.66649
5 38 2 8 1 o	42.1090	46.3521	0.41	0.66640
16 24 1 8 1 o	202.3670	224.6873	0.78	0.66640
17 21 1 8 1 o	90.4484	100.7993	180.76	0.66634
8 21 6 8 1 o	40.4810	44.6196	1.21	0.66633
18 18 0 4 1 o	845.7088	944.2360	0.57	0.66631

3 18 7 8 1 o	0.3968	0.4354	0.70	0.66630
0 19 7 4 1 o	8.4613	9.2773	0.34	0.66628
15 25 2 8 1 o	125.6532	140.8966	180.65	0.66620
9 30 4 8 1 o	134.6985	152.6980	1.44	0.66602
13 31 0 4 1 o	51.1552	58.2595	181.57	0.66600
8 10 7 8 1 o	396.1483	448.8436	0.88	0.66600
9 36 1 8 1 o	6.8940	7.9516	179.73	0.66589
17 7 4 8 1 o	1.9564	2.3407	0.81	0.66566
8 34 3 8 1 o	1.8536	2.2209	179.63	0.66566
20 4 0 4 1 o	21.8885	26.4629	0.54	0.66559
1 19 7 8 1 o	38.9731	48.9421	0.43	0.66545
12 31 2 8 1 o	127.7594	159.7303	180.70	0.66541
3 31 5 8 1 o	85.5481	108.0097	180.56	0.66541
8 37 1 8 1 o	19.8434	25.6834	180.44	0.66523
13 4 6 8 1 o	103.6934	133.3707	180.57	0.66523
9 33 3 8 1 o	5.9255	7.7760	179.46	0.66511
6 33 4 8 1 o	57.4996	75.9405	1.26	0.66511
14 14 5 8 1 o	234.7880	306.1117	0.94	0.66507
18 15 2 8 1 o	184.5375	238.8182	0.69	0.66502
13 27 3 8 1 o	3.0592	4.0208	178.43	0.66496
9 6 7 8 1 o	39.2601	52.3850	180.67	0.66485
12 11 6 8 1 o	2.7205	3.5658	0.26	0.66472
10 35 1 8 1 o	7.0544	9.0016	179.92	0.66451
7 13 7 8 1 o	50.4049	64.7290	180.44	0.66449
5 30 5 8 1 o	72.1027	92.4331	1.15	0.66449
3 26 6 8 1 o	29.5500	37.4904	0.25	0.66442
15 9 5 8 1 o	1248.8965	1531.4227	180.40	0.66429
9 35 2 8 1 o	21.2523	26.0229	180.39	0.66427
7 35 3 8 1 o	1.0952	1.3122	179.91	0.66415
2 35 4 8 1 o	1758.2207	2104.7744	180.57	0.66415
3 40 1 8 1 o	34.4235	41.0261	180.85	0.66412
3 39 2 8 1 o	82.3173	97.8342	0.85	0.66411
8 36 2 8 1 o	989.2965	1157.7925	180.69	0.66401
6 15 7 8 1 o	95.7846	110.5764	0.13	0.66395
18 10 3 8 1 o	5.2836	6.0348	359.56	0.66366
4 40 0 4 1 o	40.7624	45.8255	0.73	0.66366
14 25 3 8 1 o	828.2707	937.2375	180.61	0.66362
14 21 4 8 1 o	2.8067	3.1658	4.74	0.66352
19 9 2 8 1 o	64.2084	73.0691	0.13	0.66348
13 5 6 8 1 o	297.6283	334.8704	0.79	0.66343
9 26 5 8 1 o	133.7783	149.5806	0.36	0.66337
16 14 4 8 1 o	3.8795	4.4012	1.74	0.66332
20 1 1 8 1 o	56.6898	64.7503	180.11	0.66332
15 18 4 8 1 o	1799.1361	2058.2935	0.44	0.66314
12 29 3 8 1 o	1.5297	1.7562	181.80	0.66306
2 19 7 8 1 o	15.6810	17.8967	0.39	0.66300
11 15 6 8 1 o	12.2547	14.5988	179.77	0.66279
20 2 1 8 1 o	40.0756	48.5290	1.00	0.66272
17 8 4 8 1 o	37.8667	46.2400	179.82	0.66267
14 29 1 8 1 o	23.9805	29.6608	180.68	0.66260
10 32 3 8 1 o	1.9961	2.4985	180.45	0.66254
7 38 1 8 1 o	67.8660	85.1570	180.96	0.66253
10 34 2 8 1 o	103.4182	130.6004	180.77	0.66250
4 37 3 8 1 o	45.6763	58.8687	0.53	0.66242

6 24 6 8 1 o	8.3813	11.1601	179.63	0.66229
9 7 7 8 1 o	0.9324	1.2446	179.94	0.66226
10 29 4 8 1 o	18.0091	24.0153	180.86	0.66224
8 11 7 8 1 o	66.8669	95.2758	0.41	0.66181
20 3 1 8 1 o	109.6359	149.3382	0.73	0.66173
7 37 2 8 1 o	28.3401	40.0078	359.92	0.66173
19 13 1 8 1 o	118.6244	162.2689	180.54	0.66171
13 18 5 8 1 o	18.6861	25.9773	180.24	0.66163
20 6 0 4 1 o	636.3571	865.5838	0.82	0.66160
5 25 6 8 1 o	1.4879	2.1002	178.98	0.66152
13 6 6 8 1 o	63.7362	84.4300	0.63	0.66125
15 27 1 8 1 o	1272.9927	1676.1609	180.44	0.66123
17 16 3 8 1 o	133.7691	173.8597	180.87	0.66118
11 34 1 8 1 o	57.7358	74.6989	180.48	0.66111
18 18 1 8 1 o	4.7153	5.9974	179.66	0.66106
7 23 6 8 1 o	170.3996	218.8366	181.20	0.66105
5 34 4 8 1 o	121.2702	146.4649	180.26	0.66076
13 31 1 8 1 o	1.6237	1.9611	1.60	0.66076
6 36 3 8 1 o	2.9034	3.4321	179.94	0.66065
9 20 6 8 1 o	143.8395	169.1627	0.65	0.66062
4 18 7 8 1 o	14.3543	16.7366	359.94	0.66059
15 10 5 8 1 o	5.7838	6.7435	3.03	0.66053
1 27 6 8 1 o	14.6510	16.6334	180.20	0.66042
20 4 1 8 1 o	12.9521	14.8622	179.68	0.66035
10 18 6 8 1 o	2748.2019	3081.5396	0.99	0.66024
5 17 7 8 1 o	0.0439	0.0488	182.34	0.66021
12 12 6 8 1 o	223.9660	250.3307	181.13	0.66017
3 35 4 8 1 o	1010.5532	1116.8817	0.77	0.66010
16 23 2 8 1 o	524.8425	585.5135	0.87	0.66002
11 23 5 8 1 o	55.0410	60.9679	0.28	0.66002
1 41 0 4 1 o	39.1418	43.1064	1.07	0.65981
1 38 3 8 1 o	11.5558	12.7033	1.67	0.65976
19 10 2 8 1 o	10.5531	11.7758	0.57	0.65973
4 31 5 8 1 o	173.4641	190.5630	0.31	0.65972
18 11 3 8 1 o	2.2561	2.5258	181.71	0.65952
16 20 3 8 1 o	3.6333	4.0649	359.52	0.65948
0 0 8 2 1 o	1732.6619	1916.1121	180.56	0.65946
1 32 5 8 1 o	4.1003	4.5575	181.67	0.65943
14 15 5 8 1 o	22.5235	25.3113	1.66	0.65933
17 9 4 8 1 o	0.4636	0.5224	0.26	0.65932
9 8 7 8 1 o	320.1514	358.8426	0.60	0.65931
12 26 4 8 1 o	9.4398	10.6573	0.93	0.65922
7 14 7 8 1 o	123.1359	139.1339	0.79	0.65916
15 23 3 8 1 o	1.7979	2.0433	1.22	0.65910
3 19 7 8 1 o	20.0065	22.8276	180.50	0.65896
18 16 2 8 1 o	215.4786	247.2552	0.72	0.65889
17 20 2 8 1 o	3.3345	3.8389	179.62	0.65879
12 21 5 8 1 o	265.4135	305.3302	0.92	0.65879
4 26 6 8 1 o	12.9503	14.8984	359.66	0.65876
11 33 2 8 1 o	166.3683	191.6361	180.58	0.65875
13 24 4 8 1 o	1268.7930	1462.6652	180.56	0.65873
13 7 6 8 1 o	38.4100	44.3210	0.81	0.65870
0 2 8 4 1 o	549.5053	633.4115	0.45	0.65868
1 0 8 4 1 o	1905.3337	2197.5178	0.70	0.65866

20 5 1 8 1 o	107.4832	124.6515	0.50	0.65859
4 40 1 8 1 o	57.1232	66.3533	181.23	0.65847
1 1 8 8 1 o	26.9158	31.2003	0.84	0.65846
4 39 2 8 1 o	107.8801	125.3597	180.77	0.65845
14 28 2 8 1 o	26.3591	30.9089	0.60	0.65826
10 25 5 8 1 o	132.4912	156.7111	0.79	0.65808
2 27 6 8 1 o	2.4225	2.8745	180.42	0.65802
11 31 3 8 1 o	31.0307	36.8954	0.42	0.65801
6 39 1 8 1 o	16.4646	19.7658	0.43	0.65788
1 2 8 8 1 o	254.4790	305.5827	0.42	0.65788
6 16 7 8 1 o	41.5895	50.0779	181.07	0.65785
17 22 1 8 1 o	130.8473	157.5850	0.64	0.65783
8 22 6 8 1 o	1.5216	1.8368	183.14	0.65782
1 20 7 8 1 o	3.1339	3.8140	359.90	0.65776
16 15 4 8 1 o	190.1936	232.6676	180.91	0.65763
6 38 2 8 1 o	89.8273	111.8367	0.59	0.65748
2 38 3 8 1 o	1.4269	1.7952	179.66	0.65737
8 12 7 8 1 o	180.9298	228.5134	180.89	0.65731
13 30 2 8 1 o	687.0557	860.5324	0.59	0.65723
2 32 5 8 1 o	99.6270	126.1310	0.98	0.65704
1 3 8 8 1 o	34.6697	43.7904	0.36	0.65691
7 29 5 8 1 o	20.4204	24.9176	180.26	0.65675
16 25 1 8 1 o	209.1727	252.6122	0.75	0.65673
11 16 6 8 1 o	22.4603	27.2280	359.64	0.65672
9 37 0 4 1 o	11.1978	13.5200	0.65	0.65670
11 28 4 8 1 o	2.1160	2.4968	358.61	0.65656
20 6 1 8 1 o	19.4241	22.6207	181.71	0.65646
15 11 5 8 1 o	7.1160	8.2488	0.71	0.65644
19 14 1 8 1 o	13.9261	16.1669	0.88	0.65644
10 1 7 8 1 o	6.3848	7.3585	359.86	0.65642
0 4 8 4 1 o	2.5999	2.9375	178.53	0.65635
2 0 8 4 1 o	2880.1875	3208.6233	0.82	0.65627
14 30 0 4 1 o	45.5681	51.1489	1.67	0.65622
15 26 2 8 1 o	31.4984	35.2049	180.12	0.65615
20 8 0 4 1 o	54.9524	61.7936	180.70	0.65615
2 1 8 8 1 o	580.2918	627.7873	0.59	0.65608
9 9 7 8 1 o	4193.3599	4572.7764	0.66	0.65602
19 15 0 4 1 o	16.8150	18.6727	178.20	0.65593
15 19 4 8 1 o	26.3847	29.1144	1.40	0.65591
8 28 5 8 1 o	207.6281	225.5613	180.82	0.65588
0 40 2 4 1 o	5.1929	5.6369	179.47	0.65586
10 2 7 8 1 o	67.9485	74.0035	180.58	0.65585
12 33 1 8 1 o	26.9097	29.5530	179.26	0.65580
13 8 6 8 1 o	3.0269	3.3279	179.90	0.65580
10 36 0 4 1 o	1374.3489	1507.9203	1.15	0.65575
8 38 0 4 1 o	125.6891	138.4846	180.18	0.65568
19 11 2 8 1 o	115.7794	130.3608	180.59	0.65566
6 30 5 8 1 o	7.1880	7.8876	181.86	0.65565
17 10 4 8 1 o	6.7602	7.5991	359.31	0.65564
1 4 8 8 1 o	92.1246	100.9234	0.69	0.65556
2 2 8 8 1 o	5.5674	6.1789	181.61	0.65551
0 41 1 4 1 o	105.7247	119.3471	180.53	0.65549
2 20 7 8 1 o	1.7073	1.9564	3.90	0.65538
8 32 4 8 1 o	13.7957	16.1085	179.62	0.65535



12 13 6 8 1 o	1.5058	1.7751	0.79	0.65532
5 37 3 8 1 o	76.7520	92.5487	180.18	0.65523
14 22 4 8 1 o	14.2885	17.8215	0.37	0.65512
16 1 5 8 1 o	22.9817	28.9490	0.11	0.65508
1 40 2 8 1 o	1.0483	1.3310	185.76	0.65507
18 12 3 8 1 o	9.9279	12.5371	1.33	0.65506
10 3 7 8 1 o	23.8926	32.3015	359.73	0.65489
17 17 3 8 1 o	8.1063	11.0663	0.05	0.65478
1 41 1 8 1 o	177.3754	254.2990	180.50	0.65471
7 33 4 8 1 o	212.1830	306.9262	0.55	0.65467
2 3 8 8 1 o	1.2168	1.8831	359.92	0.65455
4 35 4 8 1 o	52.2156	78.4473	3.28	0.65454
16 2 5 8 1 o	74.8510	107.7559	180.76	0.65450
13 19 5 8 1 o	5.0115	7.4070	359.66	0.65444
17 23 0 4 1 o	268.4827	393.3377	1.02	0.65425
13 28 3 8 1 o	109.6729	162.6051	1.21	0.65420
3 27 6 8 1 o	0.4806	0.7364	2.25	0.65407
9 31 4 8 1 o	9.4574	14.0742	180.93	0.65406
20 7 1 8 1 o	119.8845	167.9502	180.38	0.65397
18 19 1 8 1 o	31.8347	44.4459	0.01	0.65389
1 5 8 8 1 o	0.7226	1.0653	181.77	0.65384
14 26 3 8 1 o	7.4597	10.0536	179.45	0.65369
7 15 7 8 1 o	25.6749	34.1208	181.54	0.65357
10 4 7 8 1 o	4.9305	6.4688	359.83	0.65355
16 3 5 8 1 o	1.5407	1.9904	181.58	0.65355
0 36 4 4 1 o	515.9736	672.4787	180.60	0.65351
3 41 0 4 1 o	305.6927	392.0267	181.06	0.65348
5 18 7 8 1 o	0.6174	0.7921	0.74	0.65345
3 38 3 8 1 o	49.2272	62.4384	181.09	0.65344
4 19 7 8 1 o	3.4409	4.3898	179.99	0.65343
19 1 3 8 1 o	73.4836	90.9139	0.25	0.65340
14 16 5 8 1 o	15.2727	18.7897	179.61	0.65336
2 4 8 8 1 o	18.7259	22.1927	181.22	0.65321
12 32 2 8 1 o	17.7204	20.3731	1.09	0.65311
3 32 5 8 1 o	172.1385	197.3482	0.96	0.65311
10 19 6 8 1 o	39.7061	45.5076	0.33	0.65310
9 27 5 8 1 o	2135.9172	2426.4209	180.69	0.65307
11 35 0 4 1 o	2473.3425	2681.0217	0.45	0.65287
19 2 3 8 1 o	0.1299	0.1413	19.03	0.65284
6 25 6 8 1 o	22.7667	24.1364	0.62	0.65280
1 36 4 8 1 o	4118.3379	4308.9438	180.68	0.65273
2 40 2 8 1 o	5.3953	5.6604	181.88	0.65273
7 39 0 4 1 o	56.6198	59.4205	1.35	0.65272
9 21 6 8 1 o	130.2574	136.0979	180.98	0.65271
5 31 5 8 1 o	17.0695	17.5191	0.16	0.65262
13 9 6 8 1 o	16.7635	17.2618	0.12	0.65256
18 17 2 8 1 o	402.1635	417.8287	181.14	0.65255
0 6 8 4 1 o	611.8196	613.5032	180.71	0.65253
8 13 7 8 1 o	37.5163	38.0613	179.57	0.65253
9 10 7 8 1 o	79.1275	79.4318	0.45	0.65239
2 41 1 8 1 o	5.0335	5.0517	180.61	0.65237
3 0 8 4 1 o	216.6760	214.5296	181.22	0.65236
16 4 5 8 1 o	36.9218	37.4384	182.27	0.65222
8 35 3 8 1 o	0.0036	0.0036	319.68	0.65220

3 1 8 8 1 o	982.3938	967.2610	0.86	0.65217
9 34 3 8 1 o	7.3077	7.3202	0.17	0.65207
6 34 4 8 1 o	1120.7870	1118.0381	0.49	0.65207
15 12 5 8 1 o	27.3031	27.6101	181.49	0.65205
16 26 0 4 1 o	2.4466	2.4754	178.19	0.65202
7 24 6 8 1 o	55.3261	55.2796	179.96	0.65199
19 3 3 8 1 o	0.3528	0.3618	182.63	0.65189
10 5 7 8 1 o	180.0110	182.3095	180.75	0.65185
1 6 8 8 1 o	52.8542	53.4640	1.72	0.65176
16 16 4 8 1 o	295.2373	305.2680	180.55	0.65170
5 26 6 8 1 o	57.1025	58.5484	180.19	0.65168
9 37 1 8 1 o	54.1075	55.8166	359.95	0.65167
17 11 4 8 1 o	134.2528	139.6188	180.50	0.65164
12 30 3 8 1 o	32.2485	33.4102	0.44	0.65164
3 2 8 8 1 o	0.0939	0.0970	187.29	0.65160
16 21 3 8 1 o	99.4880	103.6907	180.47	0.65160
6 17 7 8 1 o	27.5421	28.7247	180.49	0.65154
2 5 8 8 1 o	37.3033	39.0191	1.36	0.65151
18 20 0 4 1 o	8.7771	9.2394	179.15	0.65150
3 20 7 8 1 o	20.1457	21.1517	180.80	0.65148
5 40 1 8 1 o	53.6150	56.8576	0.93	0.65140
5 39 2 8 1 o	98.6740	104.7886	180.84	0.65139
19 12 2 8 1 o	294.1389	314.7264	180.89	0.65128
14 30 1 8 1 o	91.0740	98.0813	180.85	0.65120
20 8 1 8 1 o	9.4236	10.1602	177.54	0.65113
16 24 2 8 1 o	50.0305	54.2243	180.24	0.65100
11 24 5 8 1 o	240.8544	261.7879	0.37	0.65099
17 21 2 8 1 o	451.3050	489.1561	180.71	0.65094
19 15 1 8 1 o	355.6636	385.2260	180.81	0.65092
10 30 4 8 1 o	53.6323	58.2974	180.93	0.65087
10 36 1 8 1 o	0.8966	0.9711	179.02	0.65075
0 21 7 4 1 o	13.3031	14.4381	1.09	0.65071
8 38 1 8 1 o	44.2973	47.8298	181.33	0.65067
3 3 8 8 1 o	283.7148	306.8414	180.97	0.65066
15 28 1 8 1 o	262.5209	283.0390	180.77	0.65065
0 28 6 4 1 o	2.3182	2.5035	358.87	0.65065
19 4 3 8 1 o	105.6779	113.5390	0.95	0.65057
12 22 5 8 1 o	144.3493	154.9328	0.70	0.65056
16 5 5 8 1 o	1.5838	1.6977	3.72	0.65053
9 36 2 8 1 o	2517.3196	2695.5972	0.70	0.65053
11 17 6 8 1 o	1728.1273	1840.9102	0.54	0.65044
7 36 3 8 1 o	176.5181	187.5965	180.43	0.65041
2 36 4 8 1 o	345.6187	366.8575	0.87	0.65041
18 13 3 8 1 o	143.6885	152.7406	180.65	0.65033
12 14 6 8 1 o	8.5592	9.0016	0.25	0.65020
15 24 3 8 1 o	0.0400	0.0421	22.54	0.65012
10 33 3 8 1 o	101.6695	106.2894	181.57	0.65002
1 21 7 8 1 o	444.7702	459.3181	0.97	0.64994
8 37 2 8 1 o	110.8430	115.7126	0.95	0.64991
1 28 6 8 1 o	8.6577	8.9611	180.54	0.64988
10 6 7 8 1 o	8.1311	8.5039	178.76	0.64978
2 6 8 8 1 o	979.0950	1043.3298	0.59	0.64945
13 25 4 8 1 o	23.6927	25.7910	0.65	0.64939
3 4 8 8 1 o	133.9560	144.9641	180.45	0.64935

20 10 0 4 1 o	175.9382	194.2598	0.34	0.64932
1 7 8 8 1 o	15.8085	17.1986	180.88	0.64932
17 23 1 8 1 o	1.2280	1.3632	357.63	0.64927
8 23 6 8 1 o	0.0487	0.0538	190.01	0.64926
10 35 2 8 1 o	111.6438	124.2529	359.76	0.64924
12 27 4 8 1 o	56.2615	64.1435	0.21	0.64911
13 10 6 8 1 o	6.9765	8.1497	180.58	0.64899
19 5 3 8 1 o	4.5109	5.3461	179.54	0.64889
3 40 2 8 1 o	5.9792	7.1735	178.79	0.64888
13 32 1 8 1 o	36.3010	44.8856	1.26	0.64871
4 27 6 8 1 o	6.7520	8.5599	180.00	0.64867
15 20 4 8 1 o	46.4919	58.9823	180.68	0.64853
3 41 1 8 1 o	3.6712	4.7413	1.82	0.64852
16 6 5 8 1 o	14.9066	18.9788	1.21	0.64847
9 11 7 8 1 o	185.6281	242.6934	180.44	0.64845
10 26 5 8 1 o	128.2171	167.6896	179.90	0.64840
20 0 2 4 1 o	119.4569	152.1969	179.65	0.64831
17 18 3 8 1 o	18.4435	23.7943	0.57	0.64818
20 1 2 8 1 o	43.5504	55.5494	359.29	0.64813
12 34 0 4 1 o	782.9993	1024.1835	0.28	0.64813
4 38 3 8 1 o	7.5380	9.9327	180.61	0.64805
20 9 1 8 1 o	159.3330	201.6862	179.90	0.64795
11 35 1 8 1 o	5.4504	7.0210	178.99	0.64793
6 40 0 4 1 o	10.1387	13.0845	1.36	0.64790
0 33 5 4 1 o	299.5737	387.1816	180.92	0.64784
7 39 1 8 1 o	1.9292	2.4430	175.22	0.64778
7 16 7 8 1 o	3.2334	4.1034	181.01	0.64775
4 32 5 8 1 o	294.9345	372.5870	180.94	0.64773
3 5 8 8 1 o	144.8270	182.4977	0.92	0.64768
2 21 7 8 1 o	122.5374	153.4710	180.68	0.64766
5 35 4 8 1 o	91.3282	112.3797	0.04	0.64760
2 28 6 8 1 o	7.0189	8.6546	179.55	0.64759
20 2 2 8 1 o	4.6550	5.6154	181.01	0.64757
8 14 7 8 1 o	190.0471	228.1983	0.93	0.64747
14 29 2 8 1 o	156.5291	186.5085	0.70	0.64745
18 0 4 4 1 o	2204.0894	2612.0291	0.59	0.64744
7 38 2 8 1 o	2.3937	2.8293	179.08	0.64740
15 13 5 8 1 o	0.7471	0.8787	178.71	0.64738
10 7 7 8 1 o	9.4270	11.0761	180.62	0.64736
17 12 4 8 1 o	170.8866	199.8246	179.85	0.64735
0 8 8 4 1 o	24.3638	28.2797	180.40	0.64729
18 1 4 8 1 o	388.5921	448.1595	1.04	0.64726
14 17 5 8 1 o	86.9640	99.0941	0.42	0.64718
13 20 5 8 1 o	111.2247	125.6740	0.60	0.64712
16 26 1 8 1 o	3064.4219	3456.2212	180.66	0.64710
1 33 5 8 1 o	732.4236	819.9737	0.62	0.64708
2 7 8 8 1 o	22.5539	25.0297	0.62	0.64703
14 0 6 4 1 o	3786.1118	4215.5068	180.69	0.64700
4 0 8 4 1 o	43.0166	47.5385	0.41	0.64700
19 6 3 8 1 o	79.0612	86.9011	181.37	0.64685
14 1 6 8 1 o	11.6425	12.7065	1.03	0.64682
4 1 8 8 1 o	86.6545	93.6568	181.80	0.64681
6 37 3 8 1 o	8.9500	9.6643	0.26	0.64675
18 2 4 8 1 o	171.3919	185.9995	0.44	0.64670

14 23 4 8 1 o	268.2136	288.9864	181.10	0.64666
20 3 2 8 1 o	0.2548	0.2759	12.05	0.64665
19 13 2 8 1 o	1.1412	1.2324	182.46	0.64663
3 36 4 8 1 o	733.8994	782.5688	0.93	0.64660
18 20 1 8 1 o	39.1454	42.1070	1.52	0.64658
1 8 8 8 1 o	61.2434	64.6960	0.08	0.64654
5 19 7 8 1 o	49.6424	52.6042	0.35	0.64653
14 2 6 8 1 o	10.1704	10.7907	180.09	0.64627
4 2 8 8 1 o	9.0284	9.4838	1.16	0.64626
15 27 2 8 1 o	116.6785	123.7700	0.34	0.64618
4 20 7 8 1 o	199.2099	209.3249	180.81	0.64614
11 32 3 8 1 o	6.4905	6.8655	181.58	0.64611
16 7 5 8 1 o	4.6051	4.8919	358.79	0.64607
11 34 2 8 1 o	8.2496	8.7295	182.92	0.64607
18 18 2 8 1 o	2948.2183	3136.8054	0.57	0.64602
0 39 3 4 1 o	1252.3727	1323.1538	0.72	0.64594
11 29 4 8 1 o	11.0862	11.7801	0.61	0.64583
10 20 6 8 1 o	109.5640	116.3031	180.88	0.64582
18 3 4 8 1 o	444.8202	475.9275	180.74	0.64578
13 31 2 8 1 o	22.7182	24.2472	181.10	0.64574
3 6 8 8 1 o	6.5066	6.9233	182.94	0.64565
7 30 5 8 1 o	254.2507	271.5739	180.94	0.64564
16 17 4 8 1 o	1976.2083	2129.5005	0.76	0.64556
20 4 2 8 1 o	3.1746	3.4638	1.05	0.64536
14 3 6 8 1 o	22.4031	24.4212	358.86	0.64535
4 3 8 8 1 o	16.8762	18.3435	0.41	0.64534
18 14 3 8 1 o	45.3068	49.5149	180.36	0.64532
1 39 3 8 1 o	30.4538	33.5655	179.98	0.64519
8 29 5 8 1 o	435.0388	479.6180	180.66	0.64519
19 16 1 8 1 o	0.8062	0.8899	175.14	0.64517
13 11 6 8 1 o	31.2245	34.6368	180.83	0.64511
6 18 7 8 1 o	2.2296	2.4909	1.01	0.64504
15 29 0 4 1 o	509.8430	571.1213	0.69	0.64498
0 42 0 2 1 o	535.9721	606.2871	0.74	0.64488
12 15 6 8 1 o	69.0922	78.3093	180.52	0.64483
2 33 5 8 1 o	38.1254	43.4482	1.35	0.64482
9 22 6 8 1 o	13.6474	15.6296	0.86	0.64471
10 8 7 8 1 o	36.8764	42.3861	359.49	0.64461
18 4 4 8 1 o	3.9065	4.4502	1.12	0.64450
19 7 3 8 1 o	94.2045	107.2169	0.36	0.64447
20 10 1 8 1 o	6.4749	7.3688	2.61	0.64446
2 8 8 8 1 o	15.7229	18.1475	180.68	0.64428
6 31 5 8 1 o	41.6720	47.6403	180.19	0.64424
9 12 7 8 1 o	120.2992	137.2944	180.63	0.64422
14 4 6 8 1 o	9.7667	10.9496	1.12	0.64407
4 4 8 8 1 o	2.2238	2.5099	179.54	0.64406
11 18 6 8 1 o	9.4921	10.5648	2.77	0.64398
19 17 0 4 1 o	180.0249	199.4190	182.24	0.64396
3 21 7 8 1 o	267.9907	295.9671	180.83	0.64389
3 28 6 8 1 o	69.3699	75.9557	0.31	0.64383
14 27 3 8 1 o	2621.6018	2867.2874	180.68	0.64382
20 5 2 8 1 o	29.5667	32.0068	180.70	0.64372
16 22 3 8 1 o	34.2908	36.8200	180.21	0.64364
4 40 2 8 1 o	36.3515	38.7514	180.32	0.64360

13 29 3 8 1 o	1.9628	2.0936	358.26	0.64359
1 9 8 8 1 o	5.1355	5.3498	0.36	0.64343
6 26 6 8 1 o	78.9417	81.8949	180.49	0.64334
16 8 5 8 1 o	1989.7372	2079.1899	180.64	0.64333
12 34 1 8 1 o	33.4074	34.6905	0.30	0.64329
3 7 8 8 1 o	3.2495	3.3439	1.78	0.64328
4 41 1 8 1 o	39.8266	41.1228	180.69	0.64325
8 33 4 8 1 o	122.8815	126.6305	180.84	0.64322
6 40 1 8 1 o	70.5223	71.9943	1.14	0.64307
6 39 2 8 1 o	139.4663	142.2332	0.80	0.64306
17 22 2 8 1 o	25.9197	26.5589	1.05	0.64301
2 39 3 8 1 o	580.6381	587.8530	180.76	0.64295
7 25 6 8 1 o	214.0543	216.2913	180.69	0.64292
9 28 5 8 1 o	57.0399	57.6459	180.97	0.64287
18 5 4 8 1 o	402.7482	410.9455	0.74	0.64286
17 13 4 8 1 o	105.4585	107.0789	180.81	0.64277

# The following lines are used to test the character set of files sent by  
# network email or other means. They are not part of the CIF data set.  
# abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ0123456789  
# !@#\$%^&\*()\_+{ }:"~<>?|\-=[];`',./