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.'
;
Departamento de Cristalograf\'ia y Mineralog\'ia,
Universidad Complutense de Madrid, 28040 Madrid, Spain
;

'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_GRA225

```
#======================================================================

# 5. CHEMICAL DATA

_chemical_name_systematic
; ?
;
_chemical_name_common          ?
_chemical_formula_moiety       'Mg7.72 O38 Si12'
_chemical_formula_structural   ?
_chemical_formula_analytical   ?
_chemical_formula_iupac        ?
_chemical_formula_sum          'Mg7.72 O38 Si12'
_chemical_formula_weight       1132.638
_chemical_melting_point        ?
_chemical_compound_source      ?      # for minerals and
                          # natural products

loop_
   _atom_type_symbol
   _atom_type_scat_Cromer_Mann_a1
   _atom_type_scat_Cromer_Mann_b1
   _atom_type_scat_Cromer_Mann_a2
   _atom_type_scat_Cromer_Mann_b2
   _atom_type_scat_Cromer_Mann_a3
   _atom_type_scat_Cromer_Mann_b3
   _atom_type_scat_Cromer_Mann_a4
   _atom_type_scat_Cromer_Mann_b4
   _atom_type_scat_Cromer_Mann_c
   _atom_type_scat_dispersion_real
   _atom_type_scat_dispersion_imag
   _atom_type_scat_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                  13.3317(6)
_cell_length_b                  27.0493(8)
_cell_length_c                  5.26944(14)
_cell_angle_alpha               90.00000
_cell_angle_beta                90.00000
_cell_angle_gamma               90.00000
_cell_volume                    1900.23(11)
_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_diffrn   1.980

#==

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
; ?
;

_diffrn_ambient_temperature   498
_diffrn_source   'Synchrotron'
_diffrn_radiation_wavelength   0.8263

_diffrn_radiation_monochromator   'Si(111)'
_diffrn_measurement_device_type   ?
_diffrn_measurement_method   '2\q scan'
_diffrn_detector_area_resol_mean   ? # Not in version 2.0.1
_diffrn_detector   'scintillation counter'
_diffrn_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          3.5088
_pd_proc_ls_prof_wR_factor         4.8309
_pd_proc_ls_prof_wR_expected       1.1551

#  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         10.2781
_pd_proc_ls_prof_cwR_factor        10.5470
_pd_proc_ls_prof_cwR_expected       2.5219

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

_pd_proc_ls_prof_chi2             17.4899
_pd_proc_ls_prof_echi2            17.4899

#  Items related to LS refinement

_refine_ls_goodness_of_fit_all       4.2
_refine_ls_R_I_factor             5.7272
_refine_ls_number_reflns          4326
_refine_ls_number_parameters        57
_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          2.1297
_pd_proc_2theta_range_max          80.0099
_pd_proc_2theta_range_inc          0.020005
_pd_proc_wavelength                0.826300

_pd_block_diffractogram_id         GRA225_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  0.1990(7)  0.0275(5)  0.5857(20) 0.0171(7)  1.00000   Uiso SI
 SI2  0.2077(9)  0.1405(3)  0.569(2)   0.0171(7)  1.00000   Uiso SI
 SI3  0.2100(9)  0.1957(4)  0.068(2)   0.0171(7)  1.00000   Uiso SI
 Mg1  0.00000    0.0361(7)  0.25000    0.0184(15) 0.96500   Uiso MG
 Mg2  0.00000    0.0880(8)  0.75000    0.0184(15) 0.96500   Uiso MG
 Mg3  0.00000    0.1474(6)  0.25000    0.0184(15) 0.96500   Uiso MG
 Mg4  0.00000    0.1998(6)  0.75000    0.0184(15) 0.96500   Uiso MG
 O9   0.25000    0.25000    0.092(8)   0.0130(11) 1.00000   Uiso O
 O1   0.0901(13) 0.0258(10) 0.599(4)   0.0130(11) 1.00000   Uiso O
 O3   0.0803(16) 0.1448(8)  0.586(4)   0.0130(11) 1.00000   Uiso O
 O4   0.0745(15) 0.1972(8)  0.052(4)   0.0130(11) 1.00000   Uiso O
 O5   0.2506(13) 0.0031(9)  0.329(5)   0.0130(11) 1.00000   Uiso O
 O6   0.2498(12) 0.0878(10) 0.598(4)   0.0130(11) 1.00000   Uiso O
 O7   0.2800(15) 0.1659(8)  0.316(4)   0.0130(11) 1.00000   Uiso O
 O8   0.2699(15) 0.1680(9)  0.808(4)   0.0130(11) 1.00000   Uiso O
 O2   0.0744(12) 0.0861(9)  0.079(4)   0.0130(11) 1.00000   Uiso O
 O10  0.0859(13) 0.2558(5)  0.557(4)   0.0130(11) 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_GRA225_profile

_pd_block_id   GRA225_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   2.129708
_pd_proc_2theta_range_max   80.009926
_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	2.5101	960(5)	878.5557	860.5220
21	2.5301	923(5)	879.0859	860.5220
22	2.5500	871(5)	879.6371	860.5220
23	2.5701	880(5)	880.2211	860.5220
24	2.5899	860(5)	881.6065	861.3069
25	2.6098	855(5)	874.6310	853.6970
26	2.6299	838(5)	867.6443	846.0413
27	2.6499	842(5)	860.7213	838.4197
28	2.6700	829(5)	853.8228	830.7869
29	2.6899	827(5)	846.9816	823.1768
30	2.7098	811(5)	840.2004	815.5896
31	2.7297	817(5)	833.4745	808.0177
32	2.7497	810(5)	826.7598	800.4077
33	2.7697	805(5)	820.0836	792.7862
34	2.7897	801(5)	814.6912	786.3964
35	2.8098	798(5)	811.2869	781.9337
36	2.8299	792(5)	807.9422	777.4687
37	2.8499	793(5)	804.6797	773.0259
38	2.8699	793(5)	801.4786	768.5699
39	2.8899	771(4)	798.3641	764.1271
40	2.9100	778(4)	795.3289	759.6777
41	2.9301	772(4)	792.3713	755.2060
42	2.9500	773(4)	789.5446	750.7788
43	2.9701	782(4)	786.8076	746.3138
44	2.9902	774(4)	784.2050	741.8578

45	3.0102	776(4)	781.7576	737.4150
46	3.0301	778(4)	779.4878	732.9855
47	3.0502	764(4)	777.4061	728.5294
48	3.0701	768(4)	775.5762	724.1067
49	3.0900	767(4)	774.0222	719.6794
50	3.1099	779(4)	772.7939	715.2567
51	3.1300	788(5)	771.9362	710.8073
52	3.1501	782(4)	771.5089	706.3356
53	3.1700	785(5)	771.5674	701.9218
54	3.1902	791(5)	772.1741	697.4301
55	3.2100	788(5)	773.3692	693.0229
56	3.2299	772(5)	775.2440	688.6001
57	3.2499	791(5)	777.9091	684.1573
58	3.2698	799(5)	781.4547	679.7501
59	3.2898	819(5)	786.0950	675.3074
60	3.3097	820(5)	791.9632	670.8780
61	3.3298	837(5)	799.2902	666.4219
62	3.3498	846(5)	808.1422	661.9791
63	3.3697	852(5)	818.5347	657.5497
64	3.3899	874(5)	830.5239	653.0714
65	3.4101	891(5)	843.7929	648.5797
66	3.4299	922(5)	857.7025	644.1725
67	3.4499	943(5)	872.3235	639.7430
68	3.4699	965(5)	887.7010	635.3003
69	3.4900	976(5)	904.5988	630.8375
70	3.5099	1025(5)	924.6183	626.4015
71	3.5300	1064(5)	950.9731	621.9520
72	3.5499	1101(5)	987.4872	617.5292
73	3.5699	1151(5)	1039.5391	613.0732
74	3.5901	1233(6)	1112.7166	608.5948
75	3.6100	1301(6)	1211.3633	604.1677
76	3.6300	1413(6)	1342.6968	599.7249
77	3.6499	1575(6)	1511.8693	595.3021
78	3.6699	1770(7)	1726.2501	590.8727
79	3.6899	2006(7)	1994.3633	586.4166
80	3.7100	2371(8)	2322.2712	581.9672
81	3.7300	2774(8)	2717.9370	577.5244
82	3.7500	3302(9)	3189.6582	573.0817
83	3.7698	3835(10)	3739.3413	568.6655
84	3.7900	4361(11)	4377.5615	564.1961
85	3.8101	5137(12)	5088.5991	559.7245
86	3.8301	5792(12)	5842.9692	555.2817
87	3.8500	6398(13)	6600.5210	552.0657
88	3.8699	7079(14)	7310.4795	548.9564
89	3.8898	7696(14)	7892.8354	545.8564
90	3.9099	8068(14)	8268.6689	542.7283
91	3.9298	8256(15)	8352.2725	539.6392
92	3.9498	8099(15)	8096.8188	536.5143
93	3.9699	7599(14)	7510.4541	533.3864
94	3.9900	6808(13)	6678.1089	530.2676
95	4.0099	5737(12)	5724.6729	527.1677
96	4.0298	4783(11)	4759.0029	524.0693
97	4.0497	3814(10)	3861.6807	520.9645
98	4.0698	2990(9)	3077.5562	517.8303

99	4.0898	2348(8)	2442.7529	514.7272
100	4.1097	1888(7)	1948.0068	511.6225
101	4.1298	1533(6)	1575.7744	508.4883
102	4.1497	1283(6)	1311.2952	505.3945
103	4.1697	1105(5)	1124.0771	502.2805
104	4.1898	966(5)	993.2250	499.1462
105	4.2099	859(5)	901.9850	496.0182
106	4.2299	792(5)	836.8253	492.9042
107	4.2500	728(4)	788.1008	489.7856
108	4.2699	680(4)	750.1332	486.6761
109	4.2899	643(4)	719.1115	483.5621
110	4.3099	603(4)	692.9193	480.4482
111	4.3299	587(4)	670.2416	477.3341
112	4.3500	566(4)	650.2319	474.2155
113	4.3698	535(4)	632.5120	471.1201
114	4.3896	528(4)	616.6250	468.0404
115	4.4098	516(4)	601.9440	464.9031
116	4.4299	504(4)	588.5834	461.7735
117	4.4499	489(4)	576.3447	458.6501
118	4.4700	486(4)	565.0662	455.5314
119	4.4899	468(3)	554.6340	452.4221
120	4.5098	471(3)	544.9376	449.3221
121	4.5299	457(3)	535.8043	446.2034
122	4.5498	453(3)	527.2442	443.0941
123	4.5698	445(3)	519.3482	439.9909
124	4.5898	439(3)	511.6875	436.8769
125	4.6097	434(3)	504.4285	433.7723
126	4.6299	426(3)	497.4120	430.6241
127	4.6499	426(3)	490.7769	427.5100
128	4.6700	424(3)	484.4047	424.3914
129	4.6901	422(3)	478.2482	421.2571
130	4.7101	418(3)	472.3446	418.1384
131	4.7299	425(3)	466.7199	415.0633
132	4.7499	411(3)	461.1881	411.9400
133	4.7699	411(3)	455.8378	408.8259
134	4.7899	407(3)	450.6534	405.7213
135	4.8100	402(3)	445.5679	402.5932
136	4.8301	402(3)	441.1591	399.4590
137	4.8501	399(3)	436.3409	396.3403
138	4.8700	400(3)	431.6592	393.2419
139	4.8899	395(3)	427.0716	390.1419
140	4.9100	397(3)	422.5464	387.0232
141	4.9301	394(3)	418.0825	383.8890
142	4.9500	393(3)	413.7525	380.7952
143	4.9700	388(3)	409.4652	377.6812
144	4.9900	375(3)	405.2441	374.5672
145	5.0101	377(3)	401.0575	371.4329
146	5.0300	372(3)	396.9818	368.3392
147	5.0500	367(3)	392.5867	364.8792
148	5.0700	359(3)	388.1557	361.3336
149	5.0899	356(3)	383.7910	357.8040
150	5.1099	344(3)	379.4500	354.2584
151	5.1300	341(3)	375.1308	350.6968
152	5.1501	333(3)	370.8354	347.1228

153	5.1701	335(3)	366.6105	343.5771
154	5.1901	331(3)	362.4213	340.0316
155	5.2101	327(3)	358.2626	336.4859
156	5.2301	323(3)	354.1343	332.9403
157	5.2500	321(3)	350.0552	329.4125
158	5.2701	311(3)	345.9685	325.8544
159	5.2899	317(3)	341.9543	322.3371
160	5.3098	314(3)	337.9503	318.8075
161	5.3299	309(3)	333.8958	315.2459
162	5.3498	306(3)	329.9383	311.7163
163	5.3698	303(3)	325.9982	308.1831
164	5.3900	308(3)	323.1084	305.6859
165	5.4100	301(3)	320.7532	303.6976
166	5.4301	301(3)	318.3948	301.6902
167	5.4500	302(3)	316.0851	299.7088
168	5.4699	296(3)	313.7817	297.7174
169	5.4899	302(3)	311.4922	295.7230
170	5.5100	297(3)	309.2163	293.7256
171	5.5300	290(3)	306.9605	291.7312
172	5.5500	293(3)	304.7212	289.7368
173	5.5700	290(3)	302.4915	287.7365
174	5.5902	292(3)	300.2671	285.7262
175	5.6102	288(3)	298.0766	283.7318
176	5.6301	284(3)	295.9122	281.7463
177	5.6500	286(3)	293.7621	279.7589
178	5.6700	287(3)	291.6277	277.7705
179	5.6900	285(3)	289.5044	275.7762
180	5.7099	286(3)	287.4022	273.7848
181	5.7300	283(3)	285.3065	271.7814
182	5.7498	281(3)	283.2587	269.8049
183	5.7700	283(3)	282.6440	269.2412
184	5.7900	283(3)	282.0625	268.6872
185	5.8100	284(3)	281.5061	268.1333
186	5.8301	283(3)	280.9742	267.5757
187	5.8500	278(3)	280.4799	267.0253
188	5.8699	286(3)	280.0186	266.4722
189	5.8899	281(3)	279.5992	265.9199
190	5.9098	285(3)	279.2314	265.3687
191	5.9297	283(3)	278.9286	264.8164
192	5.9498	280(3)	278.7170	264.2608
193	5.9699	288(3)	278.6449	263.7040
194	5.9899	283(3)	278.7928	263.1484
195	6.0098	287(3)	271.4142	262.5970
196	6.0298	290(3)	272.6245	262.0430
197	6.0498	295(3)	274.7218	261.4890
198	6.0699	297(3)	278.1875	260.9342
199	6.0900	302(3)	283.6966	260.3778
200	6.1099	315(3)	292.0081	259.8263
201	6.1298	320(3)	304.2034	259.2732
202	6.1497	337(3)	321.2062	258.7236
203	6.1696	355(3)	344.0938	258.1722
204	6.1896	380(3)	373.4994	257.6174
205	6.2096	413(3)	408.8918	257.0634
206	6.2297	444(3)	448.8967	256.5070

207	6.2498	477(4)	490.1674	255.9513
208	6.2697	506(4)	527.9301	255.3999
209	6.2897	539(4)	557.2135	254.8459
210	6.3098	548(4)	572.4596	254.2894
211	6.3297	556(4)	569.6956	253.7371
212	6.3498	543(4)	548.3756	253.1815
213	6.3697	517(4)	512.4110	252.6301
214	6.3896	473(4)	467.9809	252.0777
215	6.4098	427(3)	421.1936	251.5177
216	6.4300	389(3)	378.3287	250.9604
217	6.4500	350(3)	342.6591	250.4064
218	6.4701	324(3)	315.0008	249.8489
219	6.4901	309(3)	295.3647	249.2949
220	6.5101	298(3)	282.2463	248.7409
221	6.5300	284(3)	274.0238	248.1889
222	6.5500	284(3)	269.1009	247.6349
223	6.5699	275(3)	266.3092	247.0835
224	6.5898	274(3)	264.7953	246.5320
225	6.6099	265(3)	264.0497	245.9772
226	6.6300	268(3)	263.8026	245.4208
227	6.6499	261(3)	263.9230	244.8676
228	6.6699	261(3)	264.3685	244.3153
229	6.6898	265(3)	265.1611	243.7622
230	6.7099	259(3)	266.5720	243.4001
231	6.7297	264(3)	268.5011	243.0546
232	6.7497	262(3)	271.1636	242.7058
233	6.7695	264(3)	274.7816	242.3593
234	6.7898	265(3)	279.8504	242.0056
235	6.8098	267(3)	286.7455	241.6550
236	6.8298	280(3)	296.0959	241.3056
237	6.8498	286(3)	308.6617	240.9563
238	6.8699	299(3)	325.3383	240.6054
239	6.8900	308(3)	346.8086	240.2555
240	6.9101	329(3)	373.9037	239.9039
241	6.9300	359(3)	406.3651	239.5569
242	6.9500	388(3)	444.6317	239.2065
243	6.9701	419(3)	487.4822	238.8554
244	6.9902	464(3)	532.8846	238.5045
245	7.0102	507(4)	577.7607	238.1551
246	7.0302	543(4)	618.4763	237.8063
247	7.0502	597(4)	650.6486	237.4570
248	7.0700	627(4)	669.3736	237.1115
249	7.0900	644(4)	671.3002	236.7621
250	7.1100	632(4)	654.8345	236.4128
251	7.1301	610(4)	621.9494	236.0612
252	7.1501	583(4)	578.1802	235.7118
253	7.1700	545(4)	529.6094	235.3648
254	7.1901	488(4)	480.2907	235.0132
255	7.2100	449(3)	434.9478	234.6661
256	7.2301	402(3)	394.4352	234.3145
257	7.2499	374(3)	360.8245	233.9690
258	7.2698	341(3)	333.2835	233.6214
259	7.2897	322(3)	311.5248	233.2731
260	7.3098	311(3)	294.6734	232.9215

261	7.3298	300(3)	282.0752	232.5721
262	7.3498	288(3)	272.7054	232.2240
263	7.3699	282(3)	265.6485	231.8729
264	7.3899	273(3)	260.3273	231.5225
265	7.4099	268(3)	256.2345	231.1743
266	7.4299	270(3)	252.9530	230.8239
267	7.4500	259(3)	250.2599	230.4740
268	7.4699	255(3)	247.9869	230.1252
269	7.4900	257(3)	246.0040	229.7743
270	7.5099	248(3)	244.2723	229.4276
271	7.5299	250(3)	242.7031	229.0772
272	7.5499	250(3)	241.2858	228.7278
273	7.5700	252(3)	239.9890	228.3780
274	7.5901	245(3)	238.7885	228.0258
275	7.6100	241(3)	237.6920	227.6782
276	7.6299	247(3)	236.9477	227.6071
277	7.6500	239(2)	236.4198	227.6531
278	7.6700	244(3)	235.9162	227.6990
279	7.6900	240(3)	235.4647	227.7449
280	7.7099	242(3)	235.0602	227.7907
281	7.7300	240(3)	234.6962	227.8367
282	7.7500	245(3)	234.3702	227.8826
283	7.7699	243(3)	234.0783	227.9284
284	7.7900	244(3)	233.8149	227.9745
285	7.8100	245(3)	233.5800	228.0202
286	7.8300	245(3)	233.3669	228.0663
287	7.8500	245(3)	233.1738	228.1122
288	7.8699	243(3)	232.9972	228.1579
289	7.8898	239(2)	232.8326	228.2036
290	7.9098	241(3)	232.6765	228.2495
291	7.9298	240(2)	232.5282	228.2952
292	7.9500	245(3)	232.3852	228.3415
293	7.9699	244(3)	232.2522	228.3872
294	7.9899	240(3)	232.1273	228.4332
295	8.0099	241(3)	232.0183	228.4790
296	8.0299	236(2)	231.9142	228.5250
297	8.0498	236(2)	231.8213	228.5707
298	8.0697	232(2)	231.7386	228.6163
299	8.0898	232(2)	231.6639	228.6625
300	8.1098	234(2)	231.5986	228.7083
301	8.1299	234(2)	231.3878	228.7545
302	8.1497	233(2)	231.3406	228.7998
303	8.1696	232(2)	231.2988	228.8456
304	8.1899	235(2)	231.2617	228.8922
305	8.2099	236(2)	231.2300	228.9381
306	8.2300	227(2)	231.2048	228.9864
307	8.2500	236(2)	231.6714	229.5219
308	8.2699	235(2)	232.1410	230.0565
309	8.2900	233(2)	232.6185	230.5960
310	8.3100	238(2)	233.0985	231.1347
311	8.3299	238(2)	233.5780	231.6694
312	8.3499	234(2)	234.0627	232.2065
313	8.3698	239(2)	234.5463	232.7392
314	8.3897	237(2)	235.0349	233.2747

315	8.4099	234(2)	235.5314	233.8160
316	8.4299	238(2)	236.0265	234.3531
317	8.4499	241(3)	236.5253	234.8918
318	8.4700	238(3)	237.0271	235.4313
319	8.4899	235(2)	237.5250	235.9644
320	8.5099	239(3)	238.0336	236.5031
321	8.5298	238(2)	238.5371	237.0377
322	8.5498	237(2)	239.0431	237.5729
323	8.5698	240(2)	239.5545	238.1118
324	8.5898	241(3)	240.0642	238.6470
325	8.6098	239(3)	240.5776	239.1841
326	8.6299	240(3)	241.0954	239.7239
327	8.6499	241(3)	241.6140	240.2626
328	8.6700	238(2)	242.3269	240.8005
329	8.6902	241(2)	242.8577	241.3434
330	8.7100	240(3)	243.3806	241.8762
331	8.7299	246(3)	243.9075	242.4109
332	8.7499	240(3)	244.4373	242.9463
333	8.7699	243(3)	244.9712	243.4834
334	8.7900	242(3)	245.5103	244.0229
335	8.8101	241(3)	246.0544	244.5635
336	8.8300	244(3)	246.5971	245.0962
337	8.8501	245(3)	247.1526	245.6311
338	8.8700	248(3)	247.7287	246.1607
339	8.8900	244(3)	248.3591	246.6937
340	8.9101	245(3)	249.0940	247.2302
341	8.9300	254(3)	250.0023	247.7597
342	8.9500	250(3)	251.2333	248.2928
343	8.9700	248(3)	252.9709	248.8258
344	8.9901	248(3)	255.4685	249.3623
345	9.0100	253(3)	258.9168	249.8934
346	9.0301	253(3)	263.5260	250.4283
347	9.0499	264(3)	269.1465	250.9555
348	9.0700	266(3)	275.6122	251.4909
349	9.0898	271(3)	282.0928	252.0207
350	9.1100	280(3)	287.8014	252.5569
351	9.1300	288(3)	291.6818	253.0916
352	9.1501	302(3)	293.0773	253.6264
353	9.1700	300(3)	291.8755	254.1576
354	9.1902	291(3)	288.5569	254.6949
355	9.2101	282(3)	284.2254	255.2263
356	9.2301	275(3)	280.1015	255.7593
357	9.2500	274(3)	277.4014	256.2897
358	9.2700	269(3)	276.9877	256.8211
359	9.2899	273(3)	279.5707	257.3533
360	9.3099	283(3)	284.8533	257.8864
361	9.3299	281(3)	292.7327	258.4194
362	9.3499	298(3)	302.4970	258.9508
363	9.3700	312(3)	313.1720	259.4862
364	9.3899	325(3)	322.7008	260.0185
365	9.4100	328(3)	330.6797	260.5523
366	9.4299	342(3)	335.0701	261.0845
367	9.4500	342(3)	334.9626	261.6183
368	9.4701	336(3)	330.3215	262.1548

369	9.4899	329(3)	322.3624	262.6820
370	9.5099	313(3)	312.4568	263.2166
371	9.5299	307(3)	302.3234	263.7496
372	9.5500	296(3)	293.1350	264.2834
373	9.5701	289(3)	285.5952	264.8207
374	9.5902	285(3)	280.0613	265.3561
375	9.6101	283(3)	276.4490	265.8867
376	9.6301	280(3)	274.4217	266.4190
377	9.6500	280(3)	273.6543	266.9485
378	9.6700	284(3)	273.8262	267.4816
379	9.6901	277(3)	275.4332	268.7543
380	9.7099	286(3)	277.7304	270.2422
381	9.7300	285(3)	280.3714	271.7533
382	9.7499	282(3)	283.1139	273.2509
383	9.7699	292(3)	285.8066	274.7599
384	9.7900	296(3)	288.2305	276.2710
385	9.8100	294(3)	290.2263	277.7708
386	9.8301	298(3)	291.6785	279.2850
387	9.8499	302(3)	292.6131	280.7774
388	9.8699	299(3)	293.2126	282.2817
389	9.8899	298(3)	293.6622	283.7816
390	9.9098	295(3)	294.1307	285.2785
391	9.9297	299(3)	294.7289	286.7783
392	9.9498	296(3)	295.5109	288.2925
393	9.9699	304(3)	296.4648	289.7991
394	9.9899	300(3)	297.5709	291.3080
395	10.0099	299(3)	298.7988	292.8079
396	10.0298	305(3)	300.1533	294.3093
397	10.0498	302(3)	301.6517	295.8137
398	10.0699	305(3)	303.3324	297.3256
399	10.0898	310(3)	305.2155	298.8224
400	10.1098	308(3)	307.3900	300.3268
401	10.1298	306(3)	309.7972	301.7034
402	10.1496	311(3)	312.4410	302.8723
403	10.1695	318(3)	315.6932	304.0472
404	10.1896	317(3)	319.8044	305.2339
405	10.2097	326(3)	325.1105	306.4206
406	10.2297	332(3)	332.1580	307.6014
407	10.2497	342(3)	341.8289	308.7822
408	10.2696	351(3)	355.1820	309.9570
409	10.2897	375(3)	373.7603	311.1438
410	10.3098	398(3)	398.6801	312.3304
411	10.3297	430(3)	430.3250	313.5053
412	10.3497	471(4)	468.9416	314.6861
413	10.3697	503(4)	513.0701	315.8669
414	10.3897	551(4)	560.2561	317.0476
415	10.4098	599(4)	607.3865	318.2344
416	10.4299	637(4)	650.2377	319.4210
417	10.4500	684(4)	684.5219	320.6077
418	10.4701	716(4)	705.9171	321.7944
419	10.4901	736(4)	710.5974	322.9752
420	10.5101	705(4)	696.5408	324.1560
421	10.5301	691(4)	664.8156	325.3367
422	10.5499	641(4)	620.6667	326.5057

423	10.5699	580(4)	570.0856	327.6865
424	10.5898	522(4)	519.7167	328.8614
425	10.6099	477(4)	473.8093	330.0481
426	10.6299	434(3)	435.9477	331.2289
427	10.6499	428(3)	406.9256	332.4096
428	10.6699	402(3)	386.0017	333.2095
429	10.6898	403(3)	372.0230	333.6263
430	10.7099	398(3)	363.7665	334.0474
431	10.7297	400(3)	360.2645	334.4622
432	10.7496	401(3)	360.9525	334.8790
433	10.7697	404(3)	366.5501	335.3000
434	10.7897	412(3)	378.9413	335.7190
435	10.8098	415(3)	401.6436	336.1400
436	10.8297	432(3)	438.8265	336.5569
437	10.8498	460(3)	496.3815	336.9779
438	10.8699	510(4)	578.3834	337.3990
439	10.8901	588(4)	686.1119	337.8221
440	10.9099	691(4)	812.0984	338.2369
441	10.9300	845(5)	949.3263	338.6580
442	10.9500	1005(5)	1077.5022	339.0769
443	10.9702	1185(6)	1176.9642	339.5000
444	10.9901	1298(6)	1226.0431	339.9169
445	11.0102	1322(6)	1214.8093	340.3380
446	11.0302	1244(6)	1144.6267	340.7569
447	11.0501	1107(5)	1030.9290	341.1737
448	11.0701	918(5)	894.2686	341.5927
449	11.0899	750(4)	758.0083	342.0074
450	11.1099	629(4)	635.6686	342.4264
451	11.1301	540(4)	536.9369	342.8495
452	11.1499	474(4)	466.4539	343.2643
453	11.1701	434(3)	418.4048	343.6874
454	11.1901	412(3)	389.1498	344.1064
455	11.2100	404(3)	372.4586	344.5233
456	11.2300	393(3)	363.4427	344.9422
457	11.2498	384(3)	358.8875	345.3570
458	11.2697	376(3)	356.6315	345.7738
459	11.2897	377(3)	354.5793	345.2592
460	11.3098	374(3)	353.1366	344.7325
461	11.3297	378(3)	352.0204	344.2111
462	11.3498	372(3)	351.0897	343.6844
463	11.3698	370(3)	350.3146	343.1604
464	11.3898	365(3)	349.6761	342.6364
465	11.4099	370(3)	349.1701	342.1097
466	11.4299	363(3)	348.8026	341.5856
467	11.4499	366(3)	348.5689	341.0616
468	11.4700	364(3)	348.4596	340.5349
469	11.4899	367(3)	348.5115	340.0135
470	11.5099	367(3)	348.5773	339.4894
471	11.5299	361(3)	348.6618	338.9654
472	11.5499	361(3)	348.7007	338.4413
473	11.5700	362(3)	348.6252	337.9147
474	11.5900	365(3)	348.3942	337.3906
475	11.6099	364(3)	347.9930	336.8692
476	11.6300	356(3)	347.4919	336.3425

477	11.6500	367(3)	347.0321	335.8185
478	11.6699	368(3)	335.2970	335.2970
488	11.8698	361(3)	369.8336	330.0591
489	11.8897	355(3)	370.6957	329.5377
490	11.9098	359(3)	369.4259	329.0110
491	11.9298	362(3)	366.6473	328.4870
492	11.9498	358(3)	362.8238	327.9629
493	11.9699	354(3)	358.4341	327.4363
494	11.9899	350(3)	353.9323	326.9122
495	12.0098	358(3)	349.6331	326.3908
496	12.0298	349(3)	345.6847	325.8667
497	12.0498	347(3)	342.2587	325.3427
498	12.0697	347(3)	339.4209	324.8213
499	12.0898	342(3)	336.8435	324.0111
500	12.1098	348(3)	334.7865	323.2021
501	12.1298	343(3)	333.1627	322.3931
502	12.1496	342(3)	331.9066	321.5922
503	12.1697	342(3)	330.9223	320.7792
504	12.1899	337(3)	330.1757	319.9621
505	12.2099	346(3)	329.6408	319.1532
506	12.2300	341(3)	329.2903	318.3401
507	12.2498	348(3)	329.1302	317.5392
508	12.2699	348(3)	329.1819	316.7262
509	12.2899	347(3)	329.5084	315.9172
510	12.3099	345(3)	330.2223	315.1082
511	12.3299	346(3)	331.5157	314.2993
512	12.3498	348(3)	333.6827	313.4943
513	12.3697	349(3)	337.1866	312.6894
514	12.3897	346(3)	342.5328	311.8804
515	12.4098	362(3)	351.0072	311.0674
516	12.4298	373(3)	363.4424	310.2584
517	12.4499	398(3)	381.2329	309.4454
518	12.4699	418(3)	405.5104	308.6364
519	12.4900	449(3)	437.6973	307.8234
520	12.5098	493(4)	477.8106	307.0225
521	12.5298	543(4)	526.8506	306.2135
522	12.5498	588(4)	583.3409	305.4045
523	12.5698	647(4)	644.5649	304.5955
524	12.5897	700(4)	705.6412	303.7906
525	12.6098	747(4)	761.4219	302.9776
526	12.6298	803(5)	804.6221	302.1686
527	12.6499	830(5)	830.5472	301.3556
528	12.6701	842(5)	834.3517	300.5385
529	12.6901	835(5)	814.4052	299.7296
530	12.7101	769(5)	771.7369	298.9205
531	12.7298	720(4)	712.2610	298.1237
532	12.7498	635(4)	641.8582	297.3147
533	12.7699	578(4)	569.8214	296.5017
534	12.7899	510(4)	503.5612	295.6927
535	12.8100	461(3)	446.8295	294.8797
536	12.8301	423(3)	401.8692	294.0667
537	12.8500	393(3)	368.7358	293.2617
538	12.8700	369(3)	345.2696	292.4528
539	12.8900	362(3)	329.4662	291.6437

540	12.9100	357(3)	319.1203	290.8348
541	12.9300	350(3)	312.3773	290.0258
542	12.9499	335(3)	307.8887	289.2209
543	12.9699	332(3)	304.7015	288.4119
544	12.9901	320(3)	302.2646	287.5948
545	13.0101	313(3)	300.3071	286.7858
546	13.0299	304(3)	298.6470	285.9849
547	13.0499	303(3)	297.1620	285.1760
548	13.0699	303(3)	295.8246	284.3669
549	13.0898	299(3)	294.6194	283.5620
550	13.1099	290(3)	293.5246	282.7490
551	13.1299	299(3)	292.2406	281.6119
552	13.1500	294(3)	291.1158	280.4692
553	13.1701	298(3)	290.2189	279.3264
554	13.1901	294(3)	289.6577	278.1893
555	13.2102	294(3)	289.5913	277.0465
556	13.2301	295(3)	290.2468	275.9152
557	13.2499	295(3)	291.9008	274.7894
558	13.2699	297(3)	294.9144	273.6523
559	13.2898	300(3)	299.5549	272.5210
560	13.3099	306(3)	306.0947	271.3781
561	13.3299	316(3)	314.4051	270.2411
562	13.3498	334(3)	324.0776	269.1097
563	13.3699	344(3)	334.4638	267.9669
564	13.3898	359(3)	344.1509	266.8355
565	13.4099	363(3)	351.8026	265.6927
566	13.4299	378(3)	355.7395	264.5557
567	13.4500	377(3)	354.9258	263.4129
568	13.4699	371(3)	349.2645	262.2815
569	13.4899	352(3)	339.7204	261.1444
570	13.5098	338(3)	327.9873	260.0130
571	13.5299	320(3)	315.5061	258.8702
572	13.5499	309(3)	303.7527	257.7332
573	13.5701	297(3)	293.4317	256.5847
574	13.5901	293(3)	285.1995	255.4476
575	13.6101	280(3)	279.0593	254.3105
576	13.6300	279(3)	274.9117	253.1791
577	13.6501	282(3)	272.4695	252.0364
578	13.6699	282(3)	271.9137	251.3235
579	13.6899	277(3)	272.5548	250.6452
580	13.7099	277(3)	274.0722	249.9668
581	13.7298	283(3)	276.1656	249.2919
582	13.7499	286(3)	278.4931	248.6102
583	13.7699	290(3)	280.6359	247.9318
584	13.7900	292(3)	282.2413	247.2501
585	13.8099	291(3)	282.9987	246.5751
586	13.8299	289(3)	282.8460	245.8968
587	13.8499	289(3)	281.9795	245.2185
588	13.8699	287(3)	280.8238	244.5402
589	13.8897	285(3)	279.8774	243.8686
590	13.9097	281(3)	279.6317	243.1902
591	13.9297	289(3)	280.5624	242.5119
592	13.9497	284(3)	283.1283	241.8336
593	13.9698	289(3)	287.8304	241.1519

594	13.9898	298(3)	295.1324	240.4735
595	14.0099	307(3)	305.6309	239.7918
596	14.0298	324(3)	319.7641	239.1168
597	14.0498	335(3)	338.1955	238.4385
598	14.0698	360(3)	361.2281	237.7602
599	14.0898	399(3)	388.9447	237.0818
600	14.1099	449(3)	421.1602	236.4001
601	14.1298	506(4)	456.3576	235.7252
602	14.1496	555(4)	492.8162	235.0536
603	14.1694	579(4)	527.8898	234.3821
604	14.1897	575(4)	558.4465	233.6936
605	14.2097	582(4)	578.7610	233.0152
606	14.2297	576(4)	585.5924	232.3369
607	14.2496	557(4)	577.4944	231.6619
608	14.2697	545(4)	555.7940	230.9802
609	14.2898	520(4)	524.4930	230.2985
610	14.3097	499(4)	488.6998	229.6507
611	14.3297	461(3)	451.8822	229.0339
612	14.3497	424(3)	416.9594	228.4172
613	14.3697	394(3)	385.5718	227.8004
614	14.3897	363(3)	358.4346	227.1837
615	14.4098	341(3)	335.5410	226.5638
616	14.4298	314(3)	316.7889	225.9471
617	14.4501	305(3)	301.3481	225.3211
618	14.4701	295(3)	289.1229	224.7044
619	14.4901	280(3)	279.3660	224.0876
620	14.5099	271(3)	271.7271	223.4771
621	14.5301	269(3)	265.6630	222.8542
622	14.5499	258(3)	261.1562	222.2436
623	14.5700	258(3)	257.6953	221.6238
624	14.5898	256(3)	255.5902	221.0132
625	14.6099	255(3)	254.5948	220.3934
626	14.6298	253(3)	254.8171	219.7797
627	14.6499	257(3)	256.4547	219.1599
628	14.6699	262(3)	259.8193	218.5432
629	14.6898	267(3)	265.1438	217.9295
630	14.7098	276(3)	273.4404	217.3128
631	14.7296	295(3)	285.0026	216.7022
632	14.7497	314(3)	300.6542	216.0823
633	14.7697	328(3)	320.5655	215.4656
634	14.7897	355(3)	344.8622	214.8488
635	14.8097	387(3)	373.0901	214.2321
636	14.8298	435(3)	404.2763	213.6123
637	14.8499	479(4)	436.2792	212.9925
638	14.8699	516(4)	465.9846	212.3757
639	14.8900	543(4)	489.9043	211.7559
640	14.9099	553(4)	503.7930	211.1423
641	14.9300	554(4)	504.9933	210.5224
642	14.9501	543(4)	492.7532	209.9026
643	14.9701	514(4)	469.4472	209.2859
644	14.9902	485(4)	438.7979	208.6660
645	15.0102	446(3)	405.1884	208.0493
646	15.0302	410(3)	371.7781	207.4326
647	15.0501	368(3)	340.9843	206.8189

648	15.0701	330(3)	313.8647	206.2022
649	15.0899	304(3)	291.4241	205.5916
650	15.1099	280(3)	273.2841	204.9748
651	15.1301	261(3)	259.2306	204.3519
652	15.1499	252(3)	248.9988	203.7413
653	15.1701	242(3)	241.3940	203.1185
654	15.1901	238(3)	235.8830	202.5017
655	15.2100	231(2)	231.6782	201.8881
656	15.2299	227(2)	228.1936	201.2744
657	15.2498	225(2)	225.0031	200.5822
658	15.2697	222(2)	221.6716	199.5678
659	15.2898	217(2)	218.4966	198.5432
660	15.3097	213(2)	215.6398	197.5287
661	15.3298	210(2)	213.1963	196.5041
662	15.3498	210(2)	211.3833	195.4845
663	15.3699	206(2)	210.3812	194.4599
664	15.3898	208(2)	210.4228	193.4454
665	15.4099	218(2)	211.7642	192.4208
666	15.4300	218(2)	214.6101	191.3962
667	15.4499	226(2)	219.1897	190.3818
668	15.4699	230(2)	225.4969	189.3622
669	15.4899	238(3)	233.2250	188.3427
670	15.5099	251(3)	241.7745	187.3231
671	15.5299	264(3)	250.0887	186.3036
672	15.5499	277(3)	257.0162	185.2841
673	15.5700	279(3)	261.3940	184.2594
674	15.5900	278(3)	262.3580	183.2399
675	15.6099	281(3)	259.7979	182.2254
676	15.6301	273(3)	254.1245	181.1957
677	15.6499	263(3)	246.4802	180.1864
678	15.6699	247(3)	237.7491	179.1668
679	15.6899	237(3)	229.0502	178.1473
680	15.7099	222(2)	221.0422	177.1278
681	15.7299	212(2)	214.1435	176.1082
682	15.7499	204(2)	208.4368	175.0887
683	15.7699	198(2)	203.8349	174.0691
684	15.7899	190(2)	200.1682	173.0496
685	15.8101	191(2)	197.2362	172.0199
686	15.8300	189(2)	194.8521	171.0054
687	15.8499	186(2)	192.6949	169.9910
688	15.8698	180(2)	191.0967	169.5766
689	15.8898	182(2)	189.2534	169.1602
690	15.9098	177(2)	187.1129	168.7437
691	15.9298	181(2)	184.7516	168.3273
692	15.9498	181(2)	182.3452	167.9108
693	15.9699	184(2)	179.9653	167.4923
694	15.9899	185(2)	177.7816	167.0759
695	16.0099	187(2)	175.8626	166.6594
696	16.0298	182(2)	174.2688	166.2450
697	16.0497	179(2)	173.0236	165.8306
698	16.0698	176(2)	172.1463	165.4121
699	16.0898	175(2)	171.6794	164.9957
700	16.1098	173(2)	171.6477	164.5792
701	16.1297	171(2)	172.0757	164.1648

702	16.1496	178(2)	172.9705	163.7505
703	16.1698	180(2)	174.3220	163.3299
704	16.1898	181(2)	175.9997	162.9134
705	16.2099	186(2)	177.8456	162.4949
706	16.2299	180(2)	179.5844	162.0785
707	16.2499	184(2)	180.9209	161.6620
708	16.2699	179(2)	181.5634	161.2455
709	16.2899	177(2)	181.3336	160.8291
710	16.3099	176(2)	180.3678	160.4127
711	16.3299	175(2)	178.6993	159.9962
712	16.3498	170(2)	176.7970	159.5818
713	16.3698	169(2)	174.9761	159.1654
714	16.3897	167(2)	173.5059	158.7510
715	16.4097	166(2)	172.4896	158.3346
716	16.4298	164(2)	171.9222	157.9160
717	16.4499	162(2)	171.6750	157.4975
718	16.4700	164(2)	171.5256	157.0789
719	16.4899	166(2)	171.2235	156.6646
720	16.5098	163(2)	170.5667	156.2502
721	16.5298	166(2)	169.4699	155.8338
722	16.5497	168(2)	168.0088	155.4194
723	16.5698	166(2)	166.3223	155.0009
724	16.5897	165(2)	164.6263	154.5865
725	16.6097	161(2)	162.7242	154.1700
726	16.6298	159(2)	161.5108	153.7515
727	16.6499	156(2)	160.7541	153.3330
728	16.6701	158(2)	161.1035	153.4602
729	16.6901	159(2)	162.0577	153.5862
730	16.7099	162(2)	163.5842	153.7109
731	16.7298	163(2)	165.6002	153.8363
732	16.7498	169(2)	168.0029	153.9622
733	16.7699	167(2)	170.3184	154.0889
734	16.7899	171(2)	172.2595	154.2148
735	16.8099	174(2)	173.5020	154.3408
736	16.8300	174(2)	173.8141	154.4674
737	16.8500	170(2)	173.2110	154.5934
738	16.8701	176(2)	171.9012	154.7200
739	16.8899	176(2)	170.2819	154.8447
740	16.9099	172(2)	168.7019	154.9707
741	16.9299	173(2)	167.5080	155.0966
742	16.9499	172(2)	166.9239	155.2226
743	16.9699	172(2)	167.0450	155.3486
744	16.9901	170(2)	167.8541	155.4758
745	17.0100	167(2)	169.2007	155.6012
746	17.0299	166(2)	170.9140	155.7265
747	17.0499	169(2)	172.8191	155.8525
748	17.0699	175(2)	174.7614	155.9785
749	17.0898	171(2)	176.6570	156.1038
750	17.1098	171(2)	178.5187	156.2298
751	17.1299	175(2)	180.3678	156.3564
752	17.1501	174(2)	182.1917	156.4836
753	17.1701	177(2)	183.8721	156.6096
754	17.1902	176(2)	185.2302	156.7362
755	17.2101	177(2)	186.0041	156.8615

756	17.2299	179(2)	186.0083	156.9863
757	17.2500	179(2)	184.8638	157.1129
758	17.2699	177(2)	183.3372	157.2382
759	17.2899	175(2)	181.3499	157.3642
760	17.3099	169(2)	179.1941	157.4901
761	17.3298	168(2)	177.1271	157.6155
762	17.3499	167(2)	175.3062	157.7421
763	17.3699	165(2)	173.8873	157.8681
764	17.3898	164(2)	172.9402	157.9934
765	17.4098	167(2)	172.5168	158.1194
766	17.4301	163(2)	172.5776	158.2482
767	17.4499	172(2)	173.2133	158.4619
768	17.4699	170(2)	174.3128	158.6777
769	17.4898	179(2)	175.9105	158.8926
770	17.5099	180(2)	178.1844	159.1095
771	17.5299	188(2)	181.0300	159.3254
772	17.5501	194(2)	184.8112	159.5434
773	17.5701	193(2)	189.6752	159.7593
774	17.5900	193(2)	195.7636	159.9741
775	17.6101	204(2)	203.1565	160.1911
776	17.6301	212(2)	211.4949	160.4069
777	17.6501	222(2)	220.2939	160.6228
778	17.6699	227(2)	228.7225	160.8365
779	17.6899	240(3)	236.0853	161.0524
780	17.7099	244(3)	241.3230	161.2683
781	17.7298	254(3)	243.8387	161.4831
782	17.7499	257(3)	243.5939	161.7001
783	17.7699	251(3)	241.1526	161.9159
784	17.7899	247(3)	237.5109	162.1318
785	17.8100	251(3)	233.6327	162.3488
786	17.8299	247(3)	230.3044	162.5636
787	17.8499	245(3)	227.8538	162.7794
788	17.8699	242(3)	226.5642	162.9953
789	17.8897	240(3)	226.1919	163.2091
790	17.9098	244(3)	226.9336	163.4260
791	17.9297	246(3)	229.2807	163.6408
792	17.9497	248(3)	234.3355	163.8567
793	17.9698	259(3)	243.7556	164.0736
794	17.9898	266(3)	259.3365	164.2895
795	18.0099	286(3)	283.0259	164.5065
796	18.0298	309(3)	315.5503	164.7213
797	18.0497	339(3)	356.9644	164.9361
798	18.0699	386(3)	406.0827	165.1541
799	18.0898	430(3)	457.2502	165.3689
800	18.1099	495(4)	505.4715	165.5859
801	18.1298	554(4)	542.6030	165.8007
802	18.1496	602(4)	562.7266	166.0144
803	18.1695	615(4)	562.8083	166.2292
804	18.1896	584(4)	543.9843	166.3728
805	18.2097	549(4)	512.3633	166.0437
806	18.2297	487(4)	477.6921	165.7163
807	18.2497	450(3)	448.6555	165.3889
808	18.2697	419(3)	431.8324	165.0615
809	18.2897	412(3)	430.3747	164.7341

810	18.3097	430(3)	443.6165	164.4067
811	18.3296	480(4)	467.5188	164.0809
812	18.3497	530(4)	496.8547	163.7519
813	18.3697	579(4)	525.9219	163.4245
814	18.3896	619(4)	551.8778	163.0987
815	18.4098	614(4)	575.9873	162.7680
816	18.4299	604(4)	601.6140	162.4390
817	18.4501	598(4)	633.4894	162.1083
818	18.4701	634(4)	672.8057	161.7809
819	18.4901	701(4)	716.6445	161.4535
820	18.5100	760(4)	756.4999	161.1277
821	18.5300	813(5)	781.4114	160.8003
822	18.5501	839(5)	780.3898	160.4712
823	18.5699	811(5)	748.3101	160.1471
824	18.5898	722(4)	686.9562	159.8213
825	18.6099	593(4)	604.0530	159.4922
826	18.6299	492(4)	512.5842	159.1648
827	18.6499	402(3)	423.7336	158.8374
828	18.6699	330(3)	346.0885	158.5100
829	18.6898	283(3)	284.5011	158.1843
830	18.7098	247(3)	239.1117	157.8568
831	18.7297	228(2)	208.4372	157.5311
832	18.7497	213(2)	188.9223	157.2037
833	18.7697	201(2)	177.3095	156.8762
834	18.7896	195(2)	170.7347	156.5505
835	18.8097	192(2)	167.0636	156.2214
836	18.8299	186(2)	165.1474	155.8907
837	18.8498	186(2)	164.0146	155.5650
838	18.8699	184(2)	163.3581	155.2359
839	18.8899	179(2)	163.0224	154.9085
840	18.9099	182(2)	162.9512	154.5811
841	18.9301	176(2)	163.1520	154.2504
842	18.9501	173(2)	163.6987	153.9230
843	18.9701	176(2)	164.5086	153.5956
844	18.9901	176(2)	165.3345	152.9744
845	19.0102	176(2)	166.3320	152.2570
846	19.0302	175(2)	167.4734	151.5431
847	19.0502	175(2)	168.5898	150.8291
848	19.0700	173(2)	169.4581	150.1224
849	19.0899	181(2)	169.8823	149.4121
850	19.1099	176(2)	169.7325	148.6982
851	19.1299	173(2)	169.0505	147.9842
852	19.1501	179(2)	167.9901	147.2632
853	19.1701	174(2)	167.0030	146.5493
854	19.1900	178(2)	166.5319	145.8390
855	19.2101	177(2)	167.1943	145.1216
856	19.2298	186(2)	169.6072	144.4183
857	19.2499	189(2)	174.5866	143.7009
858	19.2697	200(2)	182.7006	142.9941
859	19.2897	211(2)	194.8025	142.2802
860	19.3098	225(2)	211.4847	141.5627
861	19.3298	237(3)	232.8939	140.8488
862	19.3498	266(3)	259.0100	140.1350
863	19.3698	291(3)	289.1960	139.4211

864	19.3898	321(3)	322.1456	138.7071
865	19.4101	360(3)	356.4247	137.9825
866	19.4299	399(3)	388.2511	137.2758
867	19.4499	425(3)	415.9356	136.5618
868	19.4699	454(3)	436.0404	135.8480
869	19.4899	465(4)	445.6616	135.1341
870	19.5099	461(4)	443.2805	134.4202
871	19.5299	450(3)	429.2689	133.7062
872	19.5498	411(3)	405.6486	132.9959
873	19.5699	382(3)	374.7124	132.2785
874	19.5901	340(3)	339.8021	131.5574
875	19.6101	309(3)	305.1574	130.8435
876	19.6300	279(3)	274.1573	130.1332
877	19.6499	249(3)	249.7089	129.5578
878	19.6699	242(3)	234.0484	129.2939
879	19.6899	241(3)	228.2002	129.0300
880	19.7100	240(3)	232.4175	128.7648
881	19.7299	247(3)	245.7669	128.5023
882	19.7499	266(3)	266.5742	128.2384
883	19.7699	285(3)	291.9623	127.9745
884	19.7899	305(3)	318.2993	127.7106
885	19.8101	329(3)	341.3855	127.4441
886	19.8301	348(3)	356.4337	127.1802
887	19.8499	356(3)	360.3206	126.9189
888	19.8699	353(3)	352.0184	126.6550
889	19.8897	335(3)	333.2689	126.3938
890	19.9098	319(3)	307.0466	126.1286
891	19.9298	289(3)	277.8510	125.8647
892	19.9498	255(3)	249.1953	125.6008
893	19.9699	233(2)	223.6068	125.3356
894	19.9899	214(2)	202.8410	125.0717
895	20.0099	199(2)	187.1551	124.8078
896	20.0298	184(2)	176.1355	124.5452
897	20.0497	179(2)	168.6330	124.2827
898	20.0698	173(2)	163.6857	124.0174
899	20.0897	168(2)	160.2206	123.7549
900	20.1098	164(2)	157.3036	123.4897
901	20.1298	158(2)	154.4111	123.2258
902	20.1496	156(2)	151.3640	122.9645
903	20.1698	153(2)	148.0947	122.6980
904	20.1899	147.2(20)	144.8591	122.4328
905	20.2099	145.5(20)	141.9184	122.1689
906	20.2299	142.7(19)	139.4018	121.9050
907	20.2500	143.9(20)	137.3859	121.6398
908	20.2699	137.3(19)	135.9005	121.3772
909	20.2899	134.2(19)	134.8603	121.1133
910	20.3099	134.8(19)	134.1428	120.8495
911	20.3299	132.1(19)	133.5931	120.5856
912	20.3499	135.5(19)	133.1881	120.3217
913	20.3698	132.6(19)	132.8036	120.0591
914	20.3897	132.3(19)	132.3006	119.7965
915	20.4097	130.2(19)	131.8453	119.5326
916	20.4298	132.6(19)	131.6179	119.4992
917	20.4500	131.4(19)	131.4745	119.4680

918	20.4701	138.0(19)	131.5276	119.4369
919	20.4898	135.9(19)	131.8833	119.4064
920	20.5098	140.2(19)	132.6464	119.3755
921	20.5298	137.1(19)	133.8863	119.3446
922	20.5498	134.6(19)	135.5633	119.3136
923	20.5698	137.9(19)	137.6849	119.2827
924	20.5897	134.0(19)	140.0051	119.2519
925	20.6097	142.2(19)	142.4236	119.2210
926	20.6299	144.2(20)	144.7390	119.1898
927	20.6500	146.9(20)	146.6529	119.1587
928	20.6700	149.6(20)	148.0855	119.1277
929	20.6901	151(2)	148.9818	119.0966
930	20.7100	151(2)	149.5308	119.0659
931	20.7299	157(2)	150.1270	119.0351
932	20.7499	156(2)	151.3036	119.0042
933	20.7699	166(2)	153.6618	118.9732
934	20.7899	166(2)	157.8191	118.9423
935	20.8100	176(2)	164.4086	118.9112
936	20.8301	181(2)	173.9624	118.8801
937	20.8501	196(2)	186.8586	118.8492
938	20.8701	208(2)	203.4357	118.8183
939	20.8899	229(2)	223.5616	118.7876
940	20.9100	243(3)	247.6182	118.7566
941	20.9301	283(3)	274.8471	118.7255
942	20.9499	307(3)	303.9011	118.6948
943	20.9701	343(3)	334.3666	118.6636
944	20.9900	376(3)	363.1498	118.6328
945	21.0101	404(3)	388.4357	118.6017
946	21.0299	426(3)	407.0978	118.5711
947	21.0499	432(3)	417.6494	118.5402
948	21.0700	432(3)	418.8931	118.5091
949	21.0898	420(3)	411.3643	118.4785
950	21.1099	407(3)	396.2566	118.4474
951	21.1299	378(3)	376.0814	118.4165
952	21.1501	368(3)	352.8385	118.3666
953	21.1701	337(3)	329.0202	118.2992
954	21.1902	304(3)	305.8926	118.2314
955	21.2102	287(3)	284.7835	118.1640
956	21.2300	274(3)	266.3793	118.0973
957	21.2500	250(3)	250.5692	118.0298
958	21.2699	236(3)	237.6344	117.9628
959	21.2899	220(2)	227.2738	117.8953
960	21.3099	209(2)	219.1895	117.8279
961	21.3298	201(2)	212.9175	117.7608
962	21.3500	200(2)	207.8044	117.6927
963	21.3699	199(2)	203.4854	117.6256
964	21.3898	199(2)	199.3986	117.5586
965	21.4099	192(2)	195.0775	117.4908
966	21.4300	191(2)	190.2779	117.4230
967	21.4501	185(2)	185.1212	117.3553
968	21.4698	182(2)	180.0030	117.2889
969	21.4898	179(2)	175.3343	117.2215
970	21.5099	179(2)	171.5436	117.1537
971	21.5299	174(2)	169.1998	117.0863

972	21.5500	170(2)	168.2763	117.0185
973	21.5701	171(2)	168.6630	116.9508
974	21.5901	167(2)	170.0022	116.8833
975	21.6101	172(2)	171.7492	116.8159
976	21.6301	170(2)	173.2051	116.7485
977	21.6501	169(2)	173.6401	116.6811
978	21.6699	165(2)	172.5198	116.6143
979	21.6899	168(2)	169.6473	116.5469
980	21.7099	166(2)	165.2667	116.4795
981	21.7298	154(2)	159.9119	116.4124
982	21.7499	146.2(20)	154.0725	116.3446
983	21.7699	141.5(20)	148.3396	116.2772
984	21.7899	137.2(19)	143.0873	116.2098
985	21.8099	133.8(19)	138.5044	116.1424
986	21.8299	129.6(19)	134.7067	116.0750
987	21.8499	124.8(18)	131.5830	116.0075
988	21.8699	124.9(18)	129.2601	115.9401
989	21.8898	126.3(18)	127.5549	115.8730
990	21.9097	123.6(18)	126.3850	115.8059
991	21.9297	123.5(18)	125.7156	115.7385
992	21.9497	125.4(18)	125.5499	115.6711
993	21.9698	120.7(18)	125.9191	115.6033
994	21.9898	125.7(18)	126.9243	115.6072
995	22.0099	126.1(18)	128.5194	115.6115
996	22.0298	127.2(18)	130.6455	115.6157
997	22.0498	128.9(19)	133.2316	115.6200
998	22.0698	127.0(18)	136.0896	115.6243
999	22.0898	130.8(19)	138.9679	115.6285
1000	22.1099	135.9(19)	141.6006	115.6328
1001	22.1298	138.7(19)	143.7007	115.6370
1002	22.1496	135.4(19)	145.1810	115.6412
1003	22.1695	138.2(19)	146.0914	115.6455
1004	22.1896	137.6(19)	146.6126	115.6498
1005	22.2097	142.4(20)	146.9723	115.6540
1006	22.2297	146.2(20)	147.3539	115.6583
1007	22.2497	153(2)	147.8256	115.6625
1008	22.2697	150(2)	148.3494	115.6668
1009	22.2898	158(2)	148.7644	115.6711
1010	22.3097	164(2)	149.0137	115.6753
1011	22.3296	164(2)	149.2153	115.6796
1012	22.3497	163(2)	149.7092	115.6838
1013	22.3697	161(2)	150.9409	115.6881
1014	22.3897	162(2)	153.2468	115.6923
1015	22.4098	165(2)	156.8091	115.6966
1016	22.4299	171(2)	161.4450	115.7009
1017	22.4501	174(2)	166.6493	115.7052
1018	22.4701	180(2)	171.5289	115.7095
1019	22.4901	184(2)	175.1875	115.7137
1020	22.5100	181(2)	176.7847	115.7179
1021	22.5299	179(2)	175.9249	115.7222
1022	22.5501	174(2)	172.7085	115.7265
1023	22.5699	169(2)	167.9324	115.7307
1024	22.5897	156(2)	162.3946	115.7349
1025	22.6098	150(2)	156.8807	115.7392

1026	22.6299	150(2)	152.1807	115.7435
1027	22.6499	143.7(20)	148.7404	115.7477
1028	22.6699	142.5(19)	146.6422	115.7215
1029	22.6898	143.2(20)	145.8059	115.6824
1030	22.7097	145.7(20)	145.9868	115.6433
1031	22.7297	143.8(20)	146.8790	115.6041
1032	22.7497	154(2)	148.1413	115.5648
1033	22.7696	149(2)	149.4487	115.5257
1034	22.7897	149(2)	150.6068	115.4863
1035	22.8098	156(2)	151.5349	115.4468
1036	22.8298	155(2)	152.4308	115.4075
1037	22.8499	151(2)	153.6548	115.3680
1038	22.8699	161(2)	155.5810	115.3288
1039	22.8899	165(2)	158.5299	115.2895
1040	22.9099	169(2)	162.7251	115.2502
1041	22.9301	177(2)	168.3601	115.2106
1042	22.9500	183(2)	175.3177	115.1715
1043	22.9701	195(2)	183.6877	115.1320
1044	22.9902	206(2)	193.3307	115.0925
1045	23.0102	222(2)	203.9279	115.0533
1046	23.0301	231(2)	215.1577	115.0142
1047	23.0502	246(3)	226.8529	114.9747
1048	23.0701	258(3)	238.4825	114.9356
1049	23.0898	273(3)	249.7888	114.8969
1050	23.1099	289(3)	260.6724	114.8575
1051	23.1300	286(3)	270.0620	114.8180
1052	23.1501	292(3)	276.6604	114.7785
1053	23.1699	294(3)	278.9883	114.7397
1054	23.1902	285(3)	275.7624	114.6998
1055	23.2099	269(3)	266.8780	114.6431
1056	23.2299	256(3)	252.8184	114.4838
1057	23.2498	232(3)	235.5828	114.3253
1058	23.2697	216(2)	216.9464	114.1668
1059	23.2897	198(2)	198.5042	114.0075
1060	23.3097	186(2)	181.7223	113.8483
1061	23.3298	168(2)	167.4589	113.6882
1062	23.3499	161(2)	156.2057	113.5281
1063	23.3698	152(2)	148.3950	113.3696
1064	23.3899	150(2)	143.5411	113.2095
1065	23.4099	147.3(20)	141.3766	113.0502
1066	23.4299	144.4(20)	141.3494	112.8909
1067	23.4498	146.4(20)	142.8632	112.7324
1068	23.4698	145.2(20)	145.2848	112.5731
1069	23.4901	148.5(20)	147.9871	112.4115
1070	23.5098	150(2)	150.1818	112.2546
1071	23.5299	149(2)	151.4108	112.0945
1072	23.5498	149.0(20)	151.2617	111.9360
1073	23.5700	144.8(20)	149.6822	111.7751
1074	23.5901	142.7(20)	146.9483	111.6150
1075	23.6100	140.0(19)	143.5150	111.4565
1076	23.6300	136.0(19)	139.7517	111.2972
1077	23.6499	132.7(19)	136.0369	111.1387
1078	23.6699	129.7(19)	132.5911	110.9794
1079	23.6899	126.2(18)	129.6193	110.8202

1080	23.7100	125.2(18)	127.2410	110.6601
1081	23.7299	121.4(18)	125.5567	110.5016
1082	23.7499	121.6(18)	124.5536	110.3423
1083	23.7698	117.7(18)	124.2143	110.1838
1084	23.7900	123.8(18)	124.5788	110.1275
1085	23.8100	120.7(18)	125.4348	110.0722
1086	23.8302	121.0(18)	126.6511	110.0165
1087	23.8498	122.9(18)	127.9913	109.9623
1088	23.8698	117.7(18)	129.3147	109.9071
1089	23.8898	119.4(18)	130.3665	109.8518
1090	23.9098	119.2(18)	131.0434	109.7966
1091	23.9298	120.8(18)	131.2043	109.7414
1092	23.9499	124.6(18)	130.9937	109.6859
1093	23.9698	124.2(18)	130.4740	109.6309
1094	23.9900	127.6(18)	129.7819	109.5751
1095	24.0099	128.4(19)	129.0476	109.5201
1096	24.0297	131.5(19)	128.3309	109.4655
1097	24.0497	131.5(19)	127.6345	109.4102
1098	24.0698	127.5(19)	126.9445	109.3547
1099	24.0897	128.7(19)	126.2474	109.2997
1100	24.1098	128.5(19)	125.5383	109.2442
1101	24.1297	126.4(18)	124.8988	109.1893
1102	24.1497	127.3(18)	124.4284	109.1340
1103	24.1697	129.5(19)	124.2637	109.0788
1104	24.1898	128.2(19)	124.5347	109.0233
1105	24.2099	124.5(18)	125.3450	108.9678
1106	24.2300	127.3(19)	126.7401	108.9122
1107	24.2499	127.6(19)	128.7024	108.8573
1108	24.2699	125.8(19)	131.2064	108.8020
1109	24.2899	132.2(19)	134.1506	108.7468
1110	24.3099	130.8(19)	137.3640	108.6916
1111	24.3299	135.2(19)	140.6818	108.6363
1112	24.3499	138.8(19)	143.9433	108.5811
1113	24.3698	141.1(19)	147.0563	108.5261
1114	24.3897	142.1(20)	149.9637	108.4712
1115	24.4097	147.4(20)	152.5977	108.4159
1116	24.4299	153(2)	154.8337	108.3601
1117	24.4500	152(2)	156.4643	108.3046
1118	24.4700	154(2)	157.3428	108.2494
1119	24.4898	155(2)	157.3580	108.1947
1120	24.5098	155(2)	156.4887	108.1395
1121	24.5298	157(2)	154.8287	108.0842
1122	24.5498	155(2)	152.6882	108.0290
1123	24.5698	150(2)	150.4191	107.9737
1124	24.5897	146.2(20)	148.3608	107.9188
1125	24.6098	144.9(20)	146.6706	107.8633
1126	24.6298	140.8(20)	145.4015	107.8080
1127	24.6501	140.0(20)	144.4046	107.7520
1128	24.6700	134.0(19)	143.4813	107.6970
1129	24.6901	137.9(19)	142.3356	107.6415
1130	24.7101	134.7(19)	140.7812	107.5863
1131	24.7298	136.9(19)	138.8002	107.5318
1132	24.7500	130.1(19)	136.4359	107.4761
1133	24.7699	128.3(19)	134.0196	107.4211

1134	24.7899	125.1(18)	131.7446	107.3659
1135	24.8100	125.9(18)	129.7914	107.3103
1136	24.8301	123.1(18)	128.2596	107.2548
1137	24.8501	122.8(18)	127.1438	107.1926
1138	24.8701	123.1(18)	126.3603	107.1223
1139	24.8899	124.0(18)	125.8038	107.0526
1140	24.9100	120.3(18)	125.3804	106.9819
1141	24.9299	129.9(19)	124.9659	106.9119
1142	24.9501	125.7(18)	124.5756	106.8408
1143	24.9700	128.5(19)	124.3140	106.7708
1144	24.9900	127.3(18)	124.2380	106.7004
1145	25.0100	135.5(19)	124.4076	106.6300
1146	25.0299	130.1(19)	124.8270	106.5600
1147	25.0499	137.3(19)	125.4433	106.4896
1148	25.0699	141.2(20)	126.1393	106.4193
1149	25.0899	145.4(20)	126.7654	106.3489
1150	25.1098	146.1(20)	127.1894	106.2789
1151	25.1300	144.4(20)	127.3682	106.2078
1152	25.1501	150(2)	127.3978	106.1371
1153	25.1701	149(2)	127.4219	106.0667
1154	25.1902	145.2(20)	127.7122	105.9960
1155	25.2102	147.4(20)	128.4993	105.9257
1156	25.2300	144.6(20)	129.9392	105.8560
1157	25.2499	146.0(20)	132.1183	105.7860
1158	25.2701	148.8(20)	135.0560	105.7149
1159	25.2898	152(2)	138.4968	105.6456
1160	25.3100	152(2)	142.3272	105.5745
1161	25.3299	153(2)	146.2652	105.5045
1162	25.3499	155(2)	150.1259	105.4341
1163	25.3699	156(2)	153.6386	105.3638
1164	25.3898	160(2)	156.7238	105.2938
1165	25.4100	159(2)	159.4646	105.2227
1166	25.4300	163(2)	161.8081	105.1523
1167	25.4500	163(2)	164.0029	105.0819
1168	25.4699	164(2)	166.2164	105.0119
1169	25.4898	166(2)	168.5452	104.9419
1170	25.5099	163(2)	170.9475	104.8712
1171	25.5300	167(2)	173.1478	104.8005
1172	25.5500	170(2)	174.7145	104.7301
1173	25.5701	165(2)	175.1556	104.6594
1174	25.5901	162(2)	174.0022	104.5890
1175	25.6101	156(2)	171.2039	104.5186
1176	25.6301	148.0(20)	166.8859	104.4483
1177	25.6501	146.6(20)	161.4772	104.3779
1178	25.6699	138.6(19)	155.5026	104.3083
1179	25.6899	135.9(19)	149.2790	104.2379
1180	25.7099	134.4(19)	143.1575	104.1675
1181	25.7299	129.2(19)	137.3596	104.0972
1182	25.7499	124.2(18)	132.0516	104.0268
1183	25.7699	127.1(18)	127.3463	103.9564
1184	25.7899	121.9(18)	123.3065	103.8860
1185	25.8099	121.7(18)	119.9409	103.8157
1186	25.8300	118.8(18)	117.2028	103.7450
1187	25.8500	118.4(18)	115.0689	103.6746

1188	25.8698	112.6(17)	113.4651	103.6049
1189	25.8897	115.2(18)	112.2885	103.5349
1190	25.9098	110.9(17)	111.5219	103.4642
1191	25.9297	107.8(17)	111.0176	103.3942
1192	25.9497	105.9(17)	110.7337	103.3238
1193	25.9698	108.4(17)	110.6223	103.2531
1194	25.9899	107.6(17)	110.6382	103.1824
1195	26.0099	104.8(17)	110.7388	103.1120
1196	26.0298	105.5(17)	110.9015	103.0426
1197	26.0498	108.5(17)	111.1217	102.9729
1198	26.0698	111.1(17)	111.4161	102.9032
1199	26.0899	111.6(17)	111.8007	102.8331
1200	26.1099	112.6(17)	112.2618	102.7634
1201	26.1297	121.1(18)	112.8043	102.6943
1202	26.1496	125.3(18)	113.4253	102.6250
1203	26.1696	125.7(18)	114.0748	102.5552
1204	26.1896	126.7(19)	114.7487	102.4855
1205	26.2097	131.5(19)	115.4860	102.4154
1206	26.2297	127.5(19)	116.3691	102.3457
1207	26.2497	123.3(18)	117.5219	102.2760
1208	26.2697	118.7(18)	119.0580	102.2062
1209	26.2898	113.0(17)	121.0444	102.1362
1210	26.3096	113.7(17)	123.3977	102.0671
1211	26.3297	113.8(18)	126.0453	101.9971
1212	26.3497	115.0(18)	128.6873	101.9273
1213	26.3696	116.0(18)	130.9949	101.8580
1214	26.3896	114.0(18)	132.6236	101.7882
1215	26.4098	118.9(18)	133.2572	101.7178
1216	26.4299	122.3(18)	132.7315	101.6477
1217	26.4501	120.7(18)	131.1199	101.5773
1218	26.4701	119.0(18)	128.7245	101.5076
1219	26.4901	120.7(18)	125.8809	101.4378
1220	26.5100	114.7(18)	122.9665	101.3685
1221	26.5300	117.9(18)	120.2259	101.2987
1222	26.5500	110.6(17)	117.8637	101.2290
1223	26.5699	112.1(17)	115.9790	101.1596
1224	26.5898	114.9(18)	114.5927	101.0903
1225	26.6098	113.7(17)	113.6819	101.0205
1226	26.6299	113.6(18)	113.1864	100.9504
1227	26.6499	111.2(17)	113.0514	100.8807
1228	26.6699	114.6(18)	113.1862	100.8110
1229	26.6898	114.4(18)	113.4865	100.7416
1230	26.7097	116.8(18)	113.8370	100.6722
1231	26.7297	115.5(18)	114.1295	100.6025
1232	26.7497	113.8(17)	114.2832	100.5328
1233	26.7696	116.8(18)	114.2689	100.4634
1234	26.7897	116.2(18)	114.0832	100.3933
1235	26.8097	113.2(17)	113.8084	100.3236
1236	26.8298	110.0(17)	113.4805	100.2535
1237	26.8499	109.0(17)	113.1565	100.1834
1238	26.8698	109.9(17)	112.8965	100.1141
1239	26.8900	107.8(17)	112.7016	100.0436
1240	26.9099	109.8(17)	112.5804	99.9743
1241	26.9301	107.0(17)	112.5651	99.9165

1242	26.9500	109.6(17)	112.6616	99.9260
1243	26.9701	108.6(17)	112.7787	99.9355
1244	26.9901	113.4(17)	112.9412	99.9450
1245	27.0102	112.4(17)	113.1591	99.9546
1246	27.0302	113.7(18)	113.5566	99.9641
1247	27.0501	112.7(17)	114.2718	99.9736
1248	27.0701	114.2(18)	115.4516	99.9831
1249	27.0898	119.4(18)	117.2533	99.9924
1250	27.1099	120.4(18)	119.8630	100.0020
1251	27.1300	125.5(18)	123.3484	100.0116
1252	27.1500	127.4(19)	127.7119	100.0211
1253	27.1701	138.8(19)	132.9184	100.0306
1254	27.1900	136.4(19)	138.6756	100.0401
1255	27.2099	142.1(20)	144.6732	100.0495
1256	27.2299	145.3(20)	150.4182	100.0590
1257	27.2498	148.1(20)	155.2071	100.0685
1258	27.2697	154(2)	158.3929	100.0780
1259	27.2897	156(2)	159.4580	100.0875
1260	27.3097	152(2)	158.2157	100.0970
1261	27.3298	157(2)	154.9379	100.1065
1262	27.3498	151(2)	150.2835	100.1160
1263	27.3698	153(2)	144.9859	100.1255
1264	27.3899	146.5(20)	139.7221	100.1351
1265	27.4099	146.0(20)	135.1131	100.1446
1266	27.4299	141.5(20)	131.5359	100.1541
1267	27.4498	138.8(19)	129.2665	100.1636
1268	27.4699	138.6(19)	128.3735	100.1731
1269	27.4899	141.8(20)	128.8773	100.1826
1270	27.5099	145.3(20)	130.6899	100.1921
1271	27.5298	151(2)	133.6414	100.2016
1272	27.5498	156(2)	137.6054	100.2111
1273	27.5700	157(2)	142.4024	100.2207
1274	27.5901	167(2)	147.6681	100.2370
1275	27.6100	167(2)	152.9853	100.2566
1276	27.6300	178(2)	158.0051	100.2763
1277	27.6498	184(2)	162.2391	100.2958
1278	27.6699	195(2)	165.3831	100.3156
1279	27.6899	197(2)	166.9794	100.3353
1280	27.7099	197(2)	166.7771	100.3550
1281	27.7300	199(2)	164.6662	100.3748
1282	27.7498	189(2)	160.8955	100.3943
1283	27.7699	178(2)	155.9072	100.4141
1284	27.7899	169(2)	150.3522	100.4338
1285	27.8101	160(2)	144.9940	100.4537
1286	27.8300	159(2)	140.6051	100.4733
1287	27.8499	145.4(20)	137.5618	100.4929
1288	27.8698	149(2)	136.0305	100.5125
1289	27.8897	150(2)	135.9562	100.5321
1290	27.9097	152(2)	137.2134	100.5518
1291	27.9298	151(2)	139.6433	100.5716
1292	27.9499	150(2)	143.1817	100.5914
1293	27.9699	152(2)	147.8606	100.6111
1294	27.9899	158(2)	153.8848	100.6308
1295	28.0098	162(2)	161.4939	100.6504

1296	28.0298	169(2)	170.9658	100.6701
1297	28.0497	181(2)	182.3510	100.6897
1298	28.0698	191(2)	195.7817	100.7095
1299	28.0897	211(2)	210.6278	100.7290
1300	28.1097	224(2)	226.5142	100.7487
1301	28.1297	235(3)	242.5270	100.7684
1302	28.1497	254(3)	257.6876	100.7881
1303	28.1698	265(3)	271.0429	100.8079
1304	28.1898	274(3)	281.6021	100.8276
1305	28.2099	289(3)	288.4569	100.8474
1306	28.2301	289(3)	290.8760	100.8673
1307	28.2499	286(3)	288.4174	100.8868
1308	28.2699	273(3)	281.0156	100.9065
1309	28.2899	271(3)	269.2617	100.9262
1310	28.3099	250(3)	254.2954	100.9485
1311	28.3299	231(3)	237.5134	100.9785
1312	28.3499	213(2)	220.2507	101.0084
1313	28.3697	198(2)	203.8101	101.0381
1314	28.3897	187(2)	188.7414	101.0680
1315	28.4098	174(2)	175.8256	101.0981
1316	28.4298	166(2)	165.6143	101.1281
1317	28.4500	164(2)	158.1847	101.1584
1318	28.4700	163(2)	153.7227	101.1883
1319	28.4898	155(2)	152.0743	101.2180
1320	28.5098	159(2)	153.0683	101.2479
1321	28.5298	157(2)	156.4820	101.2779
1322	28.5498	164(2)	161.9097	101.3079
1323	28.5698	169(2)	168.7423	101.3378
1324	28.5897	180(2)	176.1154	101.3676
1325	28.6098	177(2)	183.2066	101.3977
1326	28.6299	185(2)	188.9794	101.4278
1327	28.6500	186(2)	192.7427	101.4580
1328	28.6699	183(2)	194.1539	101.4878
1329	28.6902	188(2)	193.5115	101.5182
1330	28.7101	174(2)	191.5083	101.5480
1331	28.7299	173(2)	188.9356	101.5776
1332	28.7499	173(2)	186.3639	101.6076
1333	28.7699	173(2)	184.1043	101.6376
1334	28.7899	171(2)	182.0448	101.6675
1335	28.8101	176(2)	179.7475	101.6978
1336	28.8301	171(2)	176.7027	101.7277
1337	28.8501	172(2)	172.4608	101.7577
1338	28.8701	166(2)	166.8669	101.7877
1339	28.8899	157(2)	160.2039	101.8173
1340	28.9100	152(2)	152.7242	101.8474
1341	28.9301	145.9(20)	145.1455	101.8775
1342	28.9499	138.9(19)	138.1591	101.9072
1343	28.9701	135.1(19)	132.0043	101.9375
1344	28.9900	131.1(19)	127.2140	101.9673
1345	29.0100	126.2(19)	123.8140	101.9972
1346	29.0300	123.4(18)	121.8195	102.0272
1347	29.0500	123.0(18)	121.1244	102.0574
1348	29.0700	126.5(19)	121.6072	102.1402
1349	29.0898	129.0(19)	123.0076	102.2222

1350	29.1099	127.5(19)	125.1551	102.3055
1351	29.1299	129.2(19)	127.7972	102.3883
1352	29.1502	129.9(19)	130.7632	102.4723
1353	29.1702	131.2(19)	133.7495	102.5551
1354	29.1902	138.1(19)	136.6314	102.6380
1355	29.2102	137.4(19)	139.3006	102.7208
1356	29.2300	142.6(20)	141.6741	102.8028
1357	29.2501	143.1(20)	143.7562	102.8860
1358	29.2699	140.3(20)	145.3994	102.9680
1359	29.2901	143.7(20)	146.5440	103.0516
1360	29.3099	148.1(20)	147.0495	103.1336
1361	29.3299	141.6(20)	146.9233	103.2164
1362	29.3499	142.1(20)	146.2727	103.2993
1363	29.3699	145.9(20)	145.3340	103.3821
1364	29.3898	143.1(20)	144.3414	103.4645
1365	29.4101	144.2(20)	143.4129	103.5486
1366	29.4300	145.0(20)	142.6232	103.6310
1367	29.4500	148(2)	141.8826	103.7138
1368	29.4699	144.8(20)	141.0724	103.7962
1369	29.4899	144.6(20)	140.0337	103.8790
1370	29.5099	140.6(20)	138.6459	103.9618
1371	29.5299	144.9(20)	136.8084	104.0446
1372	29.5501	137.5(19)	134.5473	104.1283
1373	29.5701	132.4(19)	132.0317	104.2111
1374	29.5901	130.6(19)	129.4373	104.2939
1375	29.6101	125.1(18)	126.9947	104.3767
1376	29.6301	128.0(19)	124.8069	104.4595
1377	29.6501	129.3(19)	123.0272	104.5424
1378	29.6699	125.3(18)	121.6958	104.6244
1379	29.6899	124.3(18)	120.7752	104.7072
1380	29.7099	120.0(18)	120.3616	104.7900
1381	29.7299	122.9(18)	120.5130	104.9532
1382	29.7499	127.3(19)	121.1869	105.1165
1383	29.7700	124.8(18)	122.4769	105.2805
1384	29.7899	129.1(19)	124.4918	105.4430
1385	29.8099	126.3(19)	127.4147	105.6062
1386	29.8301	137.3(19)	131.4246	105.7711
1387	29.8499	142.2(20)	136.4607	105.9327
1388	29.8698	149(2)	142.5916	106.0951
1389	29.8897	151(2)	149.6485	106.2575
1390	29.9098	164(2)	157.4524	106.4216
1391	29.9297	173(2)	165.5044	106.5840
1392	29.9497	181(2)	173.5694	106.7472
1393	29.9698	193(2)	181.3665	106.9113
1394	29.9899	195(2)	188.7291	107.0753
1395	30.0099	202(2)	195.6682	107.2386
1396	30.0299	212(2)	202.3639	107.4018
1397	30.0497	221(2)	208.9745	107.5634
1398	30.0699	228(2)	216.0109	107.7283
1399	30.0899	231(2)	223.6807	107.8916
1400	30.1099	238(3)	232.5068	108.0548
1401	30.1298	236(3)	242.8240	108.2172
1402	30.1496	249(3)	254.7498	108.3788
1403	30.1695	252(3)	268.2320	108.5412

1404	30.1897	261(3)	282.8356	108.7061
1405	30.2097	274(3)	297.0963	108.8694
1406	30.2297	286(3)	309.5853	109.0326
1407	30.2497	299(3)	318.4867	109.1958
1408	30.2697	306(3)	322.1704	109.3591
1409	30.2898	318(3)	319.6175	109.5231
1410	30.3096	320(3)	310.8388	109.6847
1411	30.3297	306(3)	296.3062	109.8488
1412	30.3497	278(3)	277.6305	110.0120
1413	30.3697	261(3)	256.5167	110.1753
1414	30.3897	235(3)	234.7177	110.3385
1415	30.4098	213(2)	213.6629	110.5026
1416	30.4299	190(2)	194.5659	110.6666
1417	30.4501	172(2)	178.0366	110.8315
1418	30.4701	171(2)	164.6040	110.9947
1419	30.4900	157(2)	154.1145	111.1572
1420	30.5101	151(2)	146.1815	111.3212
1421	30.5300	150(2)	140.5805	111.4836
1422	30.5500	144.6(20)	136.7565	111.6469
1423	30.5699	142.1(20)	134.3082	111.8093
1424	30.5899	141.8(20)	132.8236	111.9725
1425	30.6098	138.9(19)	132.0195	112.1350
1426	30.6299	140.0(19)	131.6604	112.2990
1427	30.6499	140.0(19)	131.7743	112.4838
1428	30.6699	140.9(20)	132.3690	112.6778
1429	30.6898	143.5(20)	133.6079	112.8708
1430	30.7098	143.7(20)	135.8022	113.0648
1431	30.7296	148(2)	139.3078	113.2568
1432	30.7497	149(2)	144.7511	113.4518
1433	30.7696	155(2)	152.5930	113.6448
1434	30.7897	164(2)	163.4613	113.8398
1435	30.8097	172(2)	177.5811	114.0338
1436	30.8299	188(2)	195.1769	114.2297
1437	30.8498	205(2)	215.2173	114.4227
1438	30.8699	230(2)	236.9579	114.6177
1439	30.8899	257(3)	258.2911	114.8117
1440	30.9099	279(3)	277.2024	115.0057
1441	30.9301	299(3)	291.7297	115.2016
1442	30.9501	312(3)	300.0393	115.3956
1443	30.9701	315(3)	301.6443	115.5896
1444	30.9902	311(3)	296.8427	115.7845
1445	31.0101	288(3)	287.0942	115.9775
1446	31.0302	273(3)	273.9541	116.1725
1447	31.0501	250(3)	259.6328	116.3655
1448	31.0701	237(3)	245.4183	116.5595
1449	31.0898	227(2)	232.5691	116.7506
1450	31.1099	212(2)	221.1585	116.9455
1451	31.1299	205(2)	211.5504	117.1395
1452	31.1501	212(2)	203.6111	117.3355
1453	31.1701	198(2)	197.2838	117.5294
1454	31.1900	200(2)	192.3272	117.7225
1455	31.2099	199(2)	188.4922	117.9155
1456	31.2299	202(2)	185.5237	118.1095
1457	31.2498	205(2)	183.2102	118.3025

1458	31.2697	208(2)	181.3114	118.4955
1459	31.2898	212(2)	179.6477	118.6905
1460	31.3097	212(2)	178.2216	118.8835
1461	31.3298	223(2)	177.1628	119.0785
1462	31.3498	223(2)	176.8759	119.2724
1463	31.3698	228(2)	177.8918	119.4664
1464	31.3898	234(3)	180.8706	119.6604
1465	31.4100	227(2)	186.6273	119.8564
1466	31.4299	229(3)	195.7036	120.0494
1467	31.4499	236(3)	208.8672	120.2434
1468	31.4698	249(3)	226.2296	120.4364
1469	31.4899	263(3)	247.8142	120.6313
1470	31.5099	284(3)	272.3263	120.8253
1471	31.5299	311(3)	298.0723	121.0193
1472	31.5498	341(3)	322.4311	121.2123
1473	31.5699	374(3)	342.8022	121.3386
1474	31.5900	397(3)	356.1251	121.3800
1475	31.6101	405(3)	360.2966	121.4214
1476	31.6299	390(3)	354.6952	121.4623
1477	31.6499	364(3)	339.9470	121.5035
1478	31.6699	320(3)	318.1503	121.5447
1479	31.6899	286(3)	292.4331	121.5860
1480	31.7099	258(3)	266.1551	121.6272
1481	31.7299	233(3)	242.3466	121.6684
1482	31.7499	218(2)	223.1654	121.7097
1483	31.7699	217(2)	209.7099	121.7509
1484	31.7899	216(2)	202.0434	121.7921
1485	31.8101	218(2)	199.4142	121.8338
1486	31.8300	227(2)	200.5606	121.8748
1487	31.8499	234(3)	203.9254	121.9158
1488	31.8697	247(3)	208.0028	121.9566
1489	31.8898	249(3)	211.5497	121.9981
1490	31.9097	248(3)	213.4843	122.0391
1491	31.9299	234(3)	213.3456	122.0808
1492	31.9498	229(2)	211.1900	122.1218
1493	31.9699	212(2)	207.4382	122.1632
1494	31.9899	199(2)	202.7560	122.2045
1495	32.0099	188(2)	197.7239	122.2457
1496	32.0298	179(2)	192.8407	122.2867
1497	32.0497	177(2)	188.3749	122.3277
1498	32.0698	170(2)	184.3813	122.3692
1499	32.0897	169(2)	180.8460	122.4102
1500	32.1098	172(2)	177.5103	122.4517
1501	32.1298	169(2)	174.2442	122.4929
1502	32.1496	165(2)	171.0047	122.5337
1503	32.1697	160(2)	167.8032	122.5751
1504	32.1898	157(2)	164.8419	122.6166
1505	32.2099	156(2)	162.2872	122.6580
1506	32.2301	156(2)	160.2375	122.6997
1507	32.2499	154(2)	158.8017	122.7405
1508	32.2699	153(2)	157.9088	122.7817
1509	32.2899	149(2)	157.4828	122.8230
1510	32.3099	154(2)	157.3848	122.8642
1511	32.3299	150(2)	157.4672	122.9054

1512	32.3499	151(2)	157.5975	122.9467
1513	32.3698	151(2)	157.6519	122.9877
1514	32.3897	153(2)	157.4814	123.0202
1515	32.4098	151(2)	156.8821	122.9672
1516	32.4298	151(2)	155.8314	122.9145
1517	32.4500	148(2)	154.2641	122.8612
1518	32.4700	148(2)	152.2693	122.8084
1519	32.4898	149(2)	150.0255	122.7562
1520	32.5098	149(2)	147.7372	122.7034
1521	32.5298	143.9(20)	145.7066	122.6506
1522	32.5498	149(2)	144.2310	122.5979
1523	32.5698	147(2)	143.6215	122.5451
1524	32.5897	148(2)	144.0522	122.4926
1525	32.6097	153(2)	145.7512	122.4398
1526	32.6299	156(2)	148.7635	122.3866
1527	32.6500	162(2)	152.9627	122.3335
1528	32.6700	166(2)	158.0821	122.2808
1529	32.6901	175(2)	163.7649	122.2277
1530	32.7100	181(2)	169.3888	122.1752
1531	32.7299	192(2)	174.4137	122.1227
1532	32.7499	196(2)	178.2900	122.0700
1533	32.7699	198(2)	180.5442	122.0172
1534	32.7899	193(2)	180.8654	121.9645
1535	32.8101	187(2)	179.3909	121.9112
1536	32.8300	182(2)	176.3101	121.8587
1537	32.8501	177(2)	171.9370	121.8056
1538	32.8701	172(2)	166.7704	121.7529
1539	32.8899	166(2)	161.3229	121.7006
1540	32.9099	158(2)	155.9138	121.6479
1541	32.9301	160(2)	150.8664	121.5946
1542	32.9499	156(2)	146.5316	121.5424
1543	32.9701	153(2)	142.8191	121.4891
1544	32.9899	148(2)	139.8695	121.4368
1545	33.0101	143.4(20)	137.5013	121.3835
1546	33.0299	139.8(20)	135.7309	121.3313
1547	33.0499	137.4(19)	134.4185	121.2785
1548	33.0699	139.0(19)	133.5209	121.2258
1549	33.0898	132.4(19)	132.9976	121.1733
1550	33.1099	135.9(19)	132.8764	121.1708
1551	33.1299	135.9(19)	133.1145	121.1686
1552	33.1501	134.8(19)	133.7535	121.1664
1553	33.1701	136.6(19)	134.8388	121.1643
1554	33.1901	135.9(19)	136.4309	121.1621
1555	33.2101	138.1(19)	138.5830	121.1599
1556	33.2299	137.5(19)	141.3208	121.1578
1557	33.2500	141.7(20)	144.6401	121.1556
1558	33.2700	142.4(20)	148.4390	121.1534
1559	33.2899	149(2)	152.5679	121.1512
1560	33.3099	152(2)	156.8551	121.1491
1561	33.3299	158(2)	160.9913	121.1469
1562	33.3499	161(2)	164.6295	121.1447
1563	33.3699	159(2)	167.4147	121.1425
1564	33.3899	159(2)	169.0443	121.1404
1565	33.4100	162(2)	169.3768	121.1382

1566	33.4300	163(2)	168.4468	121.1360
1567	33.4499	165(2)	166.4879	121.1338
1568	33.4698	162(2)	163.7642	121.1317
1569	33.4899	161(2)	160.5090	121.1295
1570	33.5099	157(2)	157.0149	121.1273
1571	33.5300	157(2)	153.4760	121.1251
1572	33.5499	153(2)	150.1359	121.1229
1573	33.5701	148(2)	147.0842	121.1207
1574	33.5901	147(2)	144.5142	121.1186
1575	33.6101	148(2)	142.4649	121.1164
1576	33.6301	143.2(20)	140.9648	121.1142
1577	33.6501	146(2)	140.0046	121.1120
1578	33.6699	144.5(20)	139.5546	121.1099
1579	33.6898	144.2(20)	139.5380	121.1077
1580	33.7099	141.8(20)	139.8757	121.1055
1581	33.7299	144.4(20)	140.4681	121.1034
1582	33.7499	143.3(20)	141.2306	121.1012
1583	33.7699	142.8(20)	142.1299	121.0990
1584	33.7898	145.2(20)	143.1326	121.0968
1585	33.8100	148(2)	144.2930	121.0946
1586	33.8300	151(2)	145.6568	121.0925
1587	33.8498	157(2)	147.3058	121.0903
1588	33.8698	157(2)	149.3825	121.0881
1589	33.8897	159(2)	151.9682	121.0860
1590	33.9098	167(2)	155.2034	121.0838
1591	33.9297	168(2)	159.1256	121.0816
1592	33.9498	177(2)	163.9214	121.0794
1593	33.9698	178(2)	169.6451	121.0775
1594	33.9899	179(2)	176.4645	121.0759
1595	34.0099	185(2)	184.4039	121.0744
1596	34.0298	195(2)	193.3635	121.0729
1597	34.0497	199(2)	203.3810	121.0713
1598	34.0699	205(2)	214.2479	121.0698
1599	34.0899	213(2)	225.1957	121.0682
1600	34.1098	219(2)	235.6295	121.0667
1601	34.1298	226(2)	244.9102	121.0652
1602	34.1496	232(3)	252.1549	121.0636
1603	34.1696	233(3)	256.7970	121.0621
1604	34.1896	233(3)	258.2006	121.0606
1605	34.2097	233(3)	256.1086	121.0590
1606	34.2297	225(2)	250.6303	121.0575
1607	34.2497	226(2)	242.4160	121.0559
1608	34.2696	214(2)	232.3195	121.0544
1609	34.2897	207(2)	221.0746	121.0529
1610	34.3097	201(2)	209.6544	121.0513
1611	34.3297	190(2)	198.6650	121.0498
1612	34.3497	187(2)	188.5675	121.0482
1613	34.3696	177(2)	179.7017	121.0467
1614	34.3896	169(2)	172.1085	121.0452
1615	34.4098	168(2)	165.7617	121.0436
1616	34.4300	167(2)	160.7055	121.0421
1617	34.4501	160(2)	156.7561	121.0405
1618	34.4701	153(2)	153.6840	121.0390
1619	34.4901	155(2)	151.2350	121.0374

1620	34.5101	151(2)	149.1898	121.0359
1621	34.5301	144.3(20)	147.3436	121.0344
1622	34.5500	144.4(20)	145.5733	121.0328
1623	34.5699	150(2)	143.8067	121.0313
1624	34.5898	141.2(20)	142.0648	121.0298
1625	34.6099	140.4(20)	140.3904	121.0282
1626	34.6299	144.2(20)	138.9532	121.0267
1627	34.6500	140.6(20)	137.8980	121.0251
1628	34.6699	141.6(20)	137.2225	121.0236
1629	34.6898	142.2(20)	137.0488	121.0221
1630	34.7098	140.9(20)	137.3941	121.0205
1631	34.7297	142.2(20)	138.2596	121.0190
1632	34.7497	141.9(20)	139.6224	121.0611
1633	34.7696	141.1(20)	141.3038	121.1035
1634	34.7897	140.8(20)	143.1638	121.1463
1635	34.8097	146(2)	144.9932	121.1889
1636	34.8299	151(2)	146.6040	121.2319
1637	34.8498	149(2)	147.8310	121.2742
1638	34.8699	156(2)	148.6606	121.3170
1639	34.8899	146.0(20)	149.0869	121.3596
1640	34.9099	154(2)	149.2354	121.4022
1641	34.9301	149(2)	149.2717	121.4452
1642	34.9501	148(2)	149.3880	121.4878
1643	34.9701	150(2)	149.7592	121.5303
1644	34.9901	145(2)	150.5193	121.5729
1645	35.0102	143.4(20)	151.7425	121.6157
1646	35.0301	150(2)	153.3813	121.6581
1647	35.0502	150(2)	155.3614	121.7008
1648	35.0701	151(2)	157.4631	121.7432
1649	35.0899	151(2)	159.4620	121.7854
1650	35.1099	153(2)	161.1605	121.8279
1651	35.1301	153(2)	162.3654	121.8709
1652	35.1500	155(2)	162.9130	121.9133
1653	35.1701	156(2)	162.7708	121.9561
1654	35.1901	153(2)	161.8953	121.9987
1655	35.2100	156(2)	160.3297	122.0410
1656	35.2299	151(2)	158.1751	122.0834
1657	35.2499	151(2)	155.6082	122.1260
1658	35.2697	148(2)	152.8730	122.1681
1659	35.2898	142.7(20)	150.1098	122.2109
1660	35.3097	142.8(20)	147.5748	122.2533
1661	35.3298	139.3(20)	145.3765	122.2961
1662	35.3499	140.4(20)	143.6438	122.3389
1663	35.3698	138.9(20)	142.4337	122.3812
1664	35.3899	135.3(19)	141.7046	122.4240
1665	35.4099	140.5(20)	141.4397	122.5035
1666	35.4299	139.7(20)	141.4953	122.5830
1667	35.4499	139.5(19)	141.7532	122.6625
1668	35.4698	139.6(19)	142.1113	122.7416
1669	35.4900	144.9(20)	142.5145	122.8218
1670	35.5099	151(2)	142.9405	122.9009
1671	35.5299	147(2)	143.4385	122.9804
1672	35.5498	148(2)	144.0786	123.0595
1673	35.5701	147(2)	144.9710	123.1402

1674	35.5901	145.5(20)	146.1819	123.2197
1675	35.6099	147(2)	147.7735	123.2984
1676	35.6301	150(2)	149.8328	123.3787
1677	35.6499	151(2)	152.2303	123.4574
1678	35.6699	157(2)	154.9671	123.5368
1679	35.6899	158(2)	157.8237	123.6163
1680	35.7099	161(2)	160.5576	123.6958
1681	35.7300	163(2)	162.8988	123.7757
1682	35.7499	166(2)	164.5607	123.8548
1683	35.7699	168(2)	165.4103	123.9343
1684	35.7899	163(2)	165.4346	124.0138
1685	35.8101	165(2)	164.7831	124.0941
1686	35.8300	166(2)	163.7577	124.1731
1687	35.8498	160(2)	162.6649	124.2519
1688	35.8698	158(2)	161.8052	124.3313
1689	35.8898	156(2)	161.4181	124.4108
1690	35.9098	158(2)	161.6914	124.4903
1691	35.9298	162(2)	162.7119	124.5698
1692	35.9498	166(2)	164.4677	124.6493
1693	35.9699	166(2)	166.8438	124.7292
1694	35.9900	167(2)	169.5740	124.8091
1695	36.0098	169(2)	172.2619	124.8878
1696	36.0298	175(2)	174.5609	124.9673
1697	36.0497	179(2)	175.9913	125.0463
1698	36.0698	178(2)	176.2833	125.1262
1699	36.0897	171(2)	175.2211	125.2053
1700	36.1098	162(2)	172.8000	125.2852
1701	36.1298	164(2)	169.2805	125.3647
1702	36.1496	152(2)	165.0583	125.4434
1703	36.1698	151(2)	160.4223	125.5237
1704	36.1898	148(2)	155.8958	125.6032
1705	36.2099	144(2)	151.7257	125.6831
1706	36.2299	142.7(20)	148.1505	125.7625
1707	36.2500	139.4(19)	145.2250	125.8424
1708	36.2699	140.7(20)	142.9924	125.9215
1709	36.2899	138.2(19)	141.3488	126.0010
1710	36.3099	141.2(20)	140.1486	126.0174
1711	36.3299	140.9(20)	139.3522	126.0339
1712	36.3499	141.1(20)	138.8574	126.0503
1713	36.3698	146(2)	138.5895	126.0666
1714	36.3897	147(2)	138.5017	126.0830
1715	36.4098	147(2)	138.5969	126.0995
1716	36.4298	147(2)	138.9293	126.1159
1717	36.4500	151(2)	139.6071	126.1325
1718	36.4700	154(2)	140.7755	126.1489
1719	36.4899	157(2)	142.6356	126.1652
1720	36.5098	156(2)	145.4435	126.1816
1721	36.5298	167(2)	149.5099	126.1980
1722	36.5498	167(2)	155.1204	126.2144
1723	36.5698	174(2)	162.5151	126.2309
1724	36.5898	177(2)	171.8000	126.2473
1725	36.6097	184(2)	182.8071	126.2636
1726	36.6299	193(2)	195.3574	126.2802
1727	36.6500	202(2)	208.5052	126.2967

1728	36.6700	219(2)	221.2597	126.3131
1729	36.6901	230(3)	232.6558	126.3296
1730	36.7100	243(3)	241.5223	126.3460
1731	36.7299	253(3)	247.2315	126.3623
1732	36.7499	251(3)	249.4306	126.3788
1733	36.7699	240(3)	248.2363	126.3952
1734	36.7899	232(3)	244.2880	126.4116
1735	36.8100	225(2)	238.5885	126.4281
1736	36.8301	219(2)	232.4229	126.4446
1737	36.8501	220(2)	227.0455	126.4610
1738	36.8701	220(2)	223.5734	126.4775
1739	36.8899	230(3)	222.7021	126.4937
1740	36.9099	229(3)	224.7748	126.5101
1741	36.9301	238(3)	229.8917	126.5267
1742	36.9499	249(3)	237.5080	126.5430
1743	36.9701	267(3)	247.2464	126.5596
1744	36.9901	282(3)	257.8737	126.5760
1745	37.0100	306(3)	268.2734	126.5923
1746	37.0299	310(3)	277.3133	126.6087
1747	37.0499	316(3)	283.9176	126.6251
1748	37.0699	315(3)	287.1905	126.6415
1749	37.0899	312(3)	286.6365	126.5430
1750	37.1099	299(3)	282.5783	126.4242
1751	37.1299	292(3)	275.8644	126.3054
1752	37.1501	273(3)	267.6236	126.1854
1753	37.1701	256(3)	259.5122	126.0667
1754	37.1902	245(3)	252.6236	125.9473
1755	37.2102	243(3)	247.9948	125.8285
1756	37.2300	243(3)	246.0034	125.7109
1757	37.2499	253(3)	246.5249	125.5926
1758	37.2700	256(3)	249.1013	125.4733
1759	37.2899	255(3)	252.8696	125.3551
1760	37.3100	255(3)	256.9521	125.2357
1761	37.3299	261(3)	260.3494	125.1175
1762	37.3499	257(3)	262.3470	124.9987
1763	37.3700	255(3)	262.3696	124.8793
1764	37.3899	250(3)	260.1623	124.7611
1765	37.4099	246(3)	255.7919	124.6423
1766	37.4300	238(3)	249.6836	124.5229
1767	37.4500	234(3)	242.6335	124.4041
1768	37.4699	228(2)	235.4863	124.2859
1769	37.4898	229(3)	228.9166	124.1677
1770	37.5099	226(2)	223.3400	124.0483
1771	37.5299	221(2)	219.0057	123.9295
1772	37.5501	228(3)	215.7070	123.8095
1773	37.5701	231(3)	213.1385	123.6907
1774	37.5901	234(3)	210.7367	123.5719
1775	37.6101	232(3)	207.9348	123.4531
1776	37.6301	225(2)	204.2664	123.3343
1777	37.6501	219(2)	199.4745	123.2155
1778	37.6699	202(2)	193.6154	123.0979
1779	37.6899	190(2)	186.7818	122.9791
1780	37.7099	175(2)	179.3866	122.8603
1781	37.7299	169(2)	171.8533	122.7415

1782	37.7499	159(2)	164.6227	122.6227
1783	37.7700	153(2)	158.0028	122.5034
1784	37.7899	148(2)	152.3193	122.3852
1785	37.8100	143.9(20)	147.5692	122.2658
1786	37.8301	143.1(20)	143.8084	122.1464
1787	37.8498	139.6(20)	141.0098	122.0294
1788	37.8698	137.9(19)	138.9448	121.9106
1789	37.8897	141.9(20)	137.5287	121.7924
1790	37.9097	139.7(20)	136.6210	121.6736
1791	37.9298	138.2(19)	136.1102	121.5542
1792	37.9497	139.1(20)	135.9126	121.4360
1793	37.9698	137.1(19)	135.9592	121.3166
1794	37.9898	138.7(20)	136.1433	121.1237
1795	38.0099	141.2(20)	136.5378	120.9296
1796	38.0298	137.9(20)	137.1760	120.7373
1797	38.0498	142.6(20)	138.1340	120.5441
1798	38.0699	140.6(20)	139.5070	120.3499
1799	38.0899	141.7(20)	141.3715	120.1567
1800	38.1099	142.1(20)	143.8005	119.9635
1801	38.1298	151(2)	146.8047	119.7713
1802	38.1496	158(2)	150.3501	119.5800
1803	38.1696	155(2)	154.4044	119.3868
1804	38.1896	158(2)	158.7815	119.1936
1805	38.2097	166(2)	163.2873	118.9994
1806	38.2297	171(2)	167.6109	118.8062
1807	38.2497	176(2)	171.4947	118.6130
1808	38.2697	182(2)	174.6678	118.4198
1809	38.2898	184(2)	176.8973	118.2256
1810	38.3097	185(2)	177.9755	118.0333
1811	38.3296	188(2)	177.8783	117.8411
1812	38.3497	186(2)	176.6118	117.6469
1813	38.3697	174(2)	174.3243	117.4537
1814	38.3897	168(2)	171.2357	117.2605
1815	38.4098	169(2)	167.6040	117.0663
1816	38.4299	163(2)	163.7338	116.8722
1817	38.4501	157(2)	159.8611	116.6770
1818	38.4701	154(2)	156.2408	116.4838
1819	38.4901	155(2)	152.9324	116.2906
1820	38.5101	150(2)	149.9713	116.0974
1821	38.5300	151(2)	147.3733	115.9051
1822	38.5500	145.7(20)	145.1145	115.7119
1823	38.5699	145.3(20)	143.2305	115.5197
1824	38.5899	143.4(20)	141.7249	115.3265
1825	38.6098	141.3(20)	140.6253	115.1342
1826	38.6299	144.7(20)	139.9140	114.9401
1827	38.6499	140.6(20)	139.5738	114.7468
1828	38.6699	143.5(20)	139.5382	114.5536
1829	38.6898	145(2)	139.7302	114.3614
1830	38.7098	141.3(20)	140.0457	114.1682
1831	38.7296	149(2)	140.4155	113.9769
1832	38.7497	146(2)	140.7932	113.7827
1833	38.7696	143.0(20)	141.1377	113.5905
1834	38.7898	143.8(20)	141.4785	113.4007
1835	38.8097	144.0(20)	141.8420	113.2358

1836	38.8298	142.2(20)	142.2293	113.0693
1837	38.8499	141.5(20)	142.6361	112.9027
1838	38.8699	143.0(20)	143.0512	112.7370
1839	38.8900	140.3(20)	143.4660	112.5705
1840	38.9099	142.7(20)	143.8723	112.4056
1841	38.9300	143.8(20)	144.2775	112.2391
1842	38.9501	141.7(20)	144.6574	112.0726
1843	38.9702	145(2)	144.9552	111.9060
1844	38.9901	150(2)	145.0960	111.7411
1845	39.0102	150(2)	144.9874	111.5746
1846	39.0301	151(2)	144.6109	111.4098
1847	39.0501	154(2)	143.9482	111.2440
1848	39.0701	150(2)	143.0660	111.0783
1849	39.0899	145(2)	142.0994	110.9143
1850	39.1099	141.5(20)	141.1741	110.7486
1851	39.1300	147(2)	140.4455	110.5821
1852	39.1500	145.4(20)	140.0288	110.4164
1853	39.1700	142.7(20)	139.9449	110.2507
1854	39.1901	144(2)	140.1550	110.0841
1855	39.2100	144.8(20)	140.5330	109.9192
1856	39.2299	146.6(20)	140.9096	109.7543
1857	39.2498	142.4(20)	141.1025	109.5895
1858	39.2697	145.3(20)	140.9798	109.4246
1859	39.2898	141.5(20)	140.4667	109.2581
1860	39.3097	134.9(19)	139.5823	109.0932
1861	39.3298	132.1(19)	138.3880	108.9267
1862	39.3498	133.1(19)	137.0280	108.7610
1863	39.3699	132.6(19)	135.6245	108.5944
1864	39.3899	131.2(19)	134.3195	108.4287
1865	39.4099	132.6(19)	133.2316	108.2630
1866	39.4299	134.3(19)	132.4302	108.0973
1867	39.4499	128.5(19)	131.9636	107.9316
1868	39.4699	126.9(19)	131.8309	107.7659
1869	39.4899	127.0(19)	132.0027	107.6002
1870	39.5098	126.3(19)	132.4135	107.4353
1871	39.5300	129.7(19)	132.9921	107.2680
1872	39.5498	127.8(19)	133.6295	107.1039
1873	39.5700	130.4(19)	134.2762	106.9365
1874	39.5900	130.8(19)	134.8672	106.7708
1875	39.6100	129.6(19)	135.3788	106.6051
1876	39.6300	128.5(19)	135.7841	106.4395
1877	39.6500	133.2(19)	136.0629	106.2737
1878	39.6699	134.9(19)	136.2413	106.1680
1879	39.6899	133.1(19)	136.2311	106.0681
1880	39.7099	133.0(19)	135.9898	105.9681
1881	39.7299	131.3(19)	135.5139	105.8681
1882	39.7499	131.4(19)	134.8274	105.7682
1883	39.7699	129.9(19)	133.9883	105.6682
1884	39.7899	131.6(19)	133.0736	105.5683
1885	39.8100	132.2(19)	132.1573	105.4678
1886	39.8300	124.2(18)	131.3215	105.3678
1887	39.8498	127.5(19)	130.6334	105.2689
1888	39.8697	122.4(18)	130.1159	105.1694
1889	39.8898	122.4(18)	129.8125	105.0689

1890	39.9098	125.1(19)	129.7325	104.9690
1891	39.9298	127.7(19)	129.8964	104.8690
1892	39.9498	124.6(18)	130.2813	104.7691
1893	39.9699	123.0(18)	130.8674	104.6686
1894	39.9899	128.7(19)	131.5692	104.5686
1895	40.0099	123.6(19)	132.2744	104.4687
1896	40.0298	127.9(19)	132.8361	104.3692
1897	40.0497	130.4(19)	133.1105	104.2698
1898	40.0697	134.4(19)	132.9713	104.1698
1899	40.0898	131.5(19)	132.3346	104.0693
1900	40.1097	128.3(19)	131.1984	103.9699
1901	40.1297	129.5(19)	129.5938	103.8699
1902	40.1496	131.5(19)	127.6315	103.7704
1903	40.1698	127.0(19)	125.3445	103.6695
1904	40.1899	122.5(18)	123.0305	103.5690
1905	40.2098	120.2(18)	120.7919	103.4696
1906	40.2299	121.5(18)	118.6864	103.3691
1907	40.2499	120.0(18)	116.8369	103.2691
1908	40.2699	118.4(18)	115.2807	103.1692
1909	40.2899	116.7(18)	114.0290	103.0692
1910	40.3098	114.6(18)	113.0673	102.9698
1911	40.3299	115.8(18)	112.3403	102.8693
1912	40.3499	116.0(18)	111.8049	102.7693
1913	40.3698	115.1(18)	111.3955	102.6699
1914	40.3897	110.7(18)	111.0535	102.5704
1915	40.4097	116.6(18)	110.7276	102.4705
1916	40.4298	114.9(18)	110.3772	102.3700
1917	40.4499	113.7(18)	109.9655	102.2695
1918	40.4701	111.9(18)	109.5071	102.1686
1919	40.4898	117.1(18)	109.0141	102.0701
1920	40.5097	110.6(18)	108.4925	101.9706
1921	40.5298	109.6(17)	107.9749	101.8702
1922	40.5498	110.9(18)	107.4965	101.7702
1923	40.5698	112.7(18)	107.0969	101.6703
1924	40.5897	112.0(18)	106.8012	101.5708
1925	40.6097	111.5(17)	106.6304	101.4708
1926	40.6298	112.1(18)	106.6155	101.3704
1927	40.6499	109.7(17)	106.7713	101.2699
1928	40.6701	108.1(17)	107.1254	101.1690
1929	40.6901	107.5(17)	107.6828	101.0689
1930	40.7099	111.7(18)	108.4310	100.9565
1931	40.7299	112.6(18)	109.4022	100.8429
1932	40.7499	114.1(18)	110.5859	100.7294
1933	40.7699	115.1(18)	111.9679	100.6158
1934	40.7898	117.7(18)	113.5167	100.5029
1935	40.8100	118.2(18)	115.2282	100.3882
1936	40.8301	122.5(18)	117.0241	100.2741
1937	40.8500	121.6(18)	118.8407	100.1611
1938	40.8701	121.1(18)	120.6482	100.0470
1939	40.8899	123.6(19)	122.3321	99.9346
1940	40.9099	124.4(18)	123.8705	99.8210
1941	40.9300	123.0(18)	125.1832	99.7069
1942	40.9499	124.1(18)	126.2027	99.5940
1943	40.9701	126.0(19)	126.9411	99.4793

1944	40.9900	120.1(18)	127.4053	99.3663
1945	41.0099	125.9(19)	127.6941	99.2533
1946	41.0299	125.6(19)	127.9059	99.1398
1947	41.0500	126.5(19)	128.1475	99.0257
1948	41.0699	125.2(19)	128.5197	98.9127
1949	41.0898	125.2(19)	129.0754	98.7997
1950	41.1098	129.4(19)	129.8725	98.6862
1951	41.1299	129.9(19)	130.9014	98.5721
1952	41.1501	133.6(19)	132.1326	98.4574
1953	41.1701	134.1(19)	133.4664	98.3439
1954	41.1902	135.0(19)	134.8071	98.2298
1955	41.2101	140.7(20)	135.9905	98.1168
1956	41.2301	137.1(19)	136.8746	98.0033
1957	41.2499	138.2(20)	137.3051	97.8908
1958	41.2699	147(2)	137.1635	97.7669
1959	41.2899	141.5(20)	136.3678	97.6013
1960	41.3099	139.6(20)	135.0023	97.4358
1961	41.3299	135.8(19)	133.1822	97.2702
1962	41.3499	132.9(19)	131.0614	97.1046
1963	41.3700	135.1(19)	128.7923	96.9382
1964	41.3898	129.4(19)	126.5588	96.7743
1965	41.4099	129.5(19)	124.3985	96.6079
1966	41.4300	127.7(19)	122.4205	96.4415
1967	41.4500	128.1(19)	120.6800	96.2759
1968	41.4699	125.7(19)	119.2007	96.1112
1969	41.4898	119.0(18)	117.9834	95.9464
1970	41.5099	121.0(18)	117.0118	95.7800
1971	41.5299	123.3(18)	116.2869	95.6144
1972	41.5501	121.6(18)	115.7801	95.4472
1973	41.5701	119.8(18)	115.4810	95.2816
1974	41.5900	122.3(18)	115.3569	95.1169
1975	41.6101	121.9(18)	115.3642	94.9505
1976	41.6301	117.5(18)	115.4405	94.7849
1977	41.6501	118.6(18)	115.4989	94.6193
1978	41.6699	117.9(18)	115.4464	94.4554
1979	41.6899	114.3(18)	115.1970	94.2899
1980	41.7099	116.9(18)	114.6878	94.1243
1981	41.7299	116.8(18)	113.8968	93.9587
1982	41.7499	113.3(18)	112.8398	93.7931
1983	41.7700	112.1(18)	111.5661	93.6267
1984	41.7899	111.7(18)	110.1637	93.4620
1985	41.8099	112.4(18)	108.6956	93.2964
1986	41.8301	109.3(17)	107.2482	93.1292
1987	41.8499	110.4(17)	105.9264	92.9653
1988	41.8697	108.0(17)	104.7533	92.8014
1989	41.8898	105.1(17)	103.7496	92.6349
1990	41.9097	102.7(17)	102.9646	92.4702
1991	41.9298	101.0(17)	102.3687	92.3038
1992	41.9497	103.6(17)	102.0526	92.2011
1993	41.9698	105.2(17)	101.9192	92.0978
1994	41.9899	104.8(17)	101.9472	91.9944
1995	42.0099	105.3(17)	102.1191	91.8915
1996	42.0298	105.7(17)	102.4116	91.7892
1997	42.0498	106.5(17)	102.8014	91.6863

1998	42.0699	105.0(17)	103.2795	91.5829
1999	42.0899	108.9(17)	103.8055	91.4800
2000	42.1099	107.3(17)	104.3624	91.3772
2001	42.1298	109.9(17)	104.9300	91.2748
2002	42.1496	107.9(17)	105.4767	91.1730
2003	42.1696	110.9(18)	105.9872	91.0701
2004	42.1896	108.0(17)	106.4058	90.9673
2005	42.2097	110.8(18)	106.7117	90.8639
2006	42.2297	108.1(17)	106.8898	90.7610
2007	42.2496	111.5(18)	106.9492	90.6587
2008	42.2697	109.8(17)	106.9101	90.5553
2009	42.2897	112.1(18)	106.7953	90.4524
2010	42.3097	104.9(17)	106.6238	90.3495
2011	42.3297	106.6(17)	106.4084	90.2467
2012	42.3497	109.7(17)	106.1658	90.1438
2013	42.3697	108.5(17)	105.9083	90.0410
2014	42.3897	103.4(17)	105.6504	89.9381
2015	42.4098	105.1(17)	105.4015	89.8347
2016	42.4299	107.1(17)	105.1712	89.7313
2017	42.4501	106.6(17)	104.9565	89.6274
2018	42.4701	105.9(17)	104.7618	89.5246
2019	42.4901	104.6(17)	104.5834	89.4217
2020	42.5101	104.5(17)	104.4286	89.3188
2021	42.5299	106.9(17)	104.3155	89.2170
2022	42.5501	106.4(17)	104.2653	89.1131
2023	42.5699	107.6(17)	104.3031	89.0113
2024	42.5898	104.5(17)	104.4456	88.9089
2025	42.6098	105.8(17)	104.7044	88.8060
2026	42.6299	108.3(17)	105.0822	88.7027
2027	42.6499	107.1(17)	105.5635	88.5998
2028	42.6699	106.0(17)	106.1323	88.4969
2029	42.6899	108.2(17)	106.7481	88.3941
2030	42.7097	109.1(17)	107.3525	88.2922
2031	42.7297	108.3(17)	107.8898	88.1894
2032	42.7497	112.9(18)	108.2954	88.0865
2033	42.7696	112.0(18)	108.5217	87.9841
2034	42.7897	111.2(18)	108.5604	87.8808
2035	42.8098	115.5(18)	108.4423	87.7774
2036	42.8298	110.1(17)	108.2447	87.6745
2037	42.8499	110.4(17)	108.0722	87.5711
2038	42.8699	111.3(18)	108.0412	87.4683
2039	42.8899	110.2(18)	108.2504	87.3654
2040	42.9099	109.7(17)	108.7687	87.2625
2041	42.9301	114.1(18)	109.6286	87.1586
2042	42.9501	116.6(18)	110.8036	87.0558
2043	42.9702	114.6(18)	112.2543	86.9524
2044	42.9901	116.4(18)	113.8473	86.8500
2045	43.0102	118.1(18)	115.4766	86.7466
2046	43.0301	118.8(18)	116.9540	86.6443
2047	43.0502	117.5(18)	118.1521	86.5409
2048	43.0701	123.6(19)	118.9200	86.4386
2049	43.0899	118.9(18)	119.1984	86.3367
2050	43.1099	117.1(18)	118.9858	86.2339
2051	43.1300	117.7(18)	118.3309	86.1305

2052	43.1500	115.6(18)	117.3337	86.0276
2053	43.1701	112.1(18)	116.0848	85.9242
2054	43.1901	108.8(17)	114.6837	85.8214
2055	43.2099	109.3(17)	113.2049	85.7195
2056	43.2299	104.9(17)	111.6657	85.6166
2057	43.2498	105.7(17)	110.1241	85.5143
2058	43.2697	102.1(17)	108.6049	85.4119
2059	43.2897	100.5(17)	107.1365	85.3091
2060	43.3097	101.2(17)	105.7486	85.2062
2061	43.3299	101.8(17)	104.4538	85.1023
2062	43.3498	101.4(17)	103.2964	85.0000
2063	43.3699	101.0(17)	102.2507	84.8966
2064	43.3900	101.6(17)	101.3260	84.7932
2065	43.4100	101.8(17)	100.5176	84.6903
2066	43.4299	99.0(17)	99.8152	84.5862
2067	43.4499	99.5(17)	99.2035	84.4783
2068	43.4698	100.2(17)	98.7015	84.3710
2069	43.4899	98.5(16)	98.3227	84.2625
2070	43.5099	97.8(16)	98.1095	84.1546
2071	43.5299	97.9(16)	98.0998	84.0467
2072	43.5498	97.4(16)	98.3336	83.9393
2073	43.5700	99.3(17)	98.8513	83.8304
2074	43.5900	99.2(17)	99.6613	83.7225
2075	43.6100	100.4(17)	100.7643	83.6146
2076	43.6299	103.3(17)	102.1233	83.5072
2077	43.6500	105.3(17)	103.7089	83.3988
2078	43.6698	108.6(17)	105.4024	83.2919
2079	43.6899	108.3(17)	107.1516	83.1835
2080	43.7099	108.7(17)	108.7903	83.0756
2081	43.7300	114.5(18)	110.2068	82.9671
2082	43.7499	116.3(18)	111.2241	82.8598
2083	43.7698	116.5(18)	111.7268	82.7524
2084	43.7899	117.5(18)	111.6127	82.6440
2085	43.8101	113.1(18)	110.8360	82.5350
2086	43.8299	113.8(18)	109.4972	82.4282
2087	43.8498	112.6(18)	107.6980	82.3208
2088	43.8698	109.4(17)	105.5962	82.2129
2089	43.8898	109.2(17)	103.3863	82.1050
2090	43.9097	105.0(17)	101.2455	81.9976
2091	43.9298	101.6(17)	99.2898	81.8892
2092	43.9499	98.7(17)	97.6578	81.7808
2093	43.9699	101.8(17)	96.4331	81.6729
2094	43.9899	98.9(17)	95.6432	81.5650
2095	44.0098	100.2(17)	95.2944	81.4576
2096	44.0298	98.6(17)	95.3519	81.3497
2097	44.0497	95.4(16)	95.7583	81.2423
2098	44.0697	96.5(16)	96.4380	81.1344
2099	44.0898	96.4(16)	97.2990	81.0260
2100	44.1097	96.1(16)	98.2212	80.9186
2101	44.1298	99.5(17)	99.1153	80.8102
2102	44.1496	100.1(17)	99.8651	80.7033
2103	44.1698	97.8(16)	100.4122	80.5944
2104	44.1898	99.4(17)	100.6901	80.4865
2105	44.2098	96.4(16)	100.6833	80.3786

2106	44.2301	97.5(16)	100.3886	80.2690
2107	44.2499	96.2(16)	99.8490	80.1622
2108	44.2699	93.5(16)	99.0924	80.0543
2109	44.2899	96.7(16)	98.1777	79.9464
2110	44.3098	97.0(16)	97.1838	79.8391
2111	44.3299	93.1(16)	96.1657	79.7352
2112	44.3499	94.2(16)	95.2813	79.7193
2113	44.3698	92.9(16)	94.4926	79.7035
2114	44.3897	94.8(16)	93.8159	79.6878
2115	44.4098	92.7(16)	93.2634	79.6718
2116	44.4298	94.0(16)	92.8319	79.6559
2117	44.4499	95.4(16)	92.5064	79.6400
2118	44.4701	95.7(16)	92.2706	79.6239
2119	44.4898	96.3(16)	92.0985	79.6083
2120	44.5098	93.4(16)	91.9789	79.5924
2121	44.5298	94.5(16)	91.9176	79.5766
2122	44.5498	93.4(16)	91.9210	79.5607
2123	44.5698	96.5(16)	92.0137	79.5448
2124	44.5897	90.7(16)	92.2215	79.5290
2125	44.6097	93.0(16)	92.5749	79.5132
2126	44.6299	91.0(16)	93.0958	79.4971
2127	44.6499	94.7(16)	93.7804	79.4813
2128	44.6701	94.3(16)	94.6321	79.4652
2129	44.6901	94.8(16)	95.6079	79.4494
2130	44.7099	99.2(17)	96.6646	79.4336
2131	44.7299	97.5(16)	97.7717	79.4178
2132	44.7499	97.5(16)	98.8553	79.4019
2133	44.7699	101.6(17)	99.8439	79.3860
2134	44.7899	100.0(17)	100.6642	79.3702
2135	44.8099	104.6(17)	101.2528	79.3543
2136	44.8301	101.8(17)	101.5685	79.3382
2137	44.8501	101.2(17)	101.5886	79.3224
2138	44.8701	101.5(17)	101.3357	79.3065
2139	44.8899	95.9(16)	100.8571	79.2908
2140	44.9099	98.1(16)	100.2115	79.2749
2141	44.9299	98.1(16)	99.4858	79.2591
2142	44.9499	99.5(17)	98.7628	79.2432
2143	44.9701	96.0(16)	98.1084	79.2271
2144	44.9899	94.8(16)	97.5921	79.2114
2145	45.0100	95.4(16)	97.2241	79.1955
2146	45.0299	95.1(16)	97.0192	79.1797
2147	45.0499	92.9(16)	96.9771	79.1638
2148	45.0700	95.2(16)	97.0794	79.1479
2149	45.0897	98.9(17)	97.2958	79.1322
2150	45.1099	94.2(16)	97.6052	79.1162
2151	45.1299	95.0(16)	97.9564	79.1003
2152	45.1501	96.3(16)	98.3203	79.0843
2153	45.1701	98.2(17)	98.6455	79.0684
2154	45.1902	97.9(17)	98.9017	79.0525
2155	45.2101	98.4(17)	99.0524	79.0367
2156	45.2299	97.0(16)	99.0730	79.0210
2157	45.2500	98.1(16)	98.9413	79.0050
2158	45.2699	99.3(17)	98.6532	78.9892
2159	45.2899	98.6(17)	98.2273	78.9734

2160	45.3098	92.2(16)	97.7016	78.9576
2161	45.3299	98.0(17)	97.1145	78.9416
2162	45.3500	94.8(16)	96.5144	78.9257
2163	45.3700	93.8(16)	95.9336	78.9098
2164	45.3898	92.8(16)	95.3850	78.8941
2165	45.4101	93.0(16)	94.8675	78.8780
2166	45.4299	93.4(16)	94.3364	78.8623
2167	45.4499	93.7(16)	93.7768	78.8464
2168	45.4699	93.4(16)	93.1798	78.8305
2169	45.4898	89.5(16)	92.5357	78.8147
2170	45.5099	91.4(16)	91.8400	78.7988
2171	45.5300	88.4(16)	91.0988	78.7828
2172	45.5499	92.0(16)	90.3333	78.7670
2173	45.5701	91.2(16)	89.5401	78.7510
2174	45.5901	90.3(16)	88.7589	78.7351
2175	45.6101	92.6(16)	88.0149	78.7260
2176	45.6301	91.5(16)	87.3844	78.7710
2177	45.6501	86.9(16)	86.8416	78.8160
2178	45.6699	86.7(16)	86.4187	78.8606
2179	45.6899	84.6(15)	86.1240	78.9056
2180	45.7099	84.0(15)	85.9885	78.9507
2181	45.7299	85.1(15)	86.0074	78.9957
2182	45.7499	87.5(16)	86.2025	79.0407
2183	45.7699	82.8(15)	86.5567	79.0858
2184	45.7899	88.5(16)	87.0577	79.1308
2185	45.8100	87.6(16)	87.6912	79.1760
2186	45.8300	92.6(16)	88.4312	79.2211
2187	45.8498	88.8(16)	89.2512	79.2657
2188	45.8698	87.9(16)	90.1451	79.3107
2189	45.8897	89.0(16)	91.0836	79.3555
2190	45.9098	87.9(16)	92.0650	79.4007
2191	45.9297	90.3(16)	93.0513	79.4456
2192	45.9498	90.2(16)	94.0444	79.4908
2193	45.9698	88.8(16)	95.0090	79.5358
2194	45.9898	93.4(16)	95.9300	79.5809
2195	46.0099	91.3(16)	96.7798	79.6261
2196	46.0298	94.6(16)	97.5273	79.6709
2197	46.0498	93.5(16)	98.1575	79.7160
2198	46.0699	95.0(16)	98.6415	79.7612
2199	46.0899	96.6(16)	98.9460	79.8063
2200	46.1098	96.3(16)	99.0520	79.8511
2201	46.1297	97.8(16)	98.9575	79.8959
2202	46.1496	96.3(16)	98.6710	79.9407
2203	46.1696	99.9(17)	98.2347	79.9857
2204	46.1896	96.8(16)	97.6939	80.0307
2205	46.2097	95.8(16)	97.1106	80.0760
2206	46.2296	94.2(16)	96.5413	80.1208
2207	46.2497	92.7(16)	96.0205	80.1661
2208	46.2696	92.8(16)	95.5815	80.2109
2209	46.2897	94.7(16)	95.2468	80.2561
2210	46.3097	93.1(16)	95.0287	80.3011
2211	46.3297	94.4(16)	94.9354	80.3462
2212	46.3497	95.3(16)	94.9721	80.3912
2213	46.3696	94.2(16)	95.1428	80.4360

2214	46.3897	93.7(16)	95.4482	80.4813
2215	46.4098	94.3(16)	95.8757	80.5265
2216	46.4299	97.5(16)	96.4012	80.5718
2217	46.4501	99.7(17)	96.9893	80.6173
2218	46.4701	99.4(17)	97.5799	80.6623
2219	46.4901	97.4(16)	98.1199	80.7073
2220	46.5101	101.9(17)	98.5532	80.7524
2221	46.5300	100.8(17)	98.8195	80.7972
2222	46.5500	99.3(17)	98.9086	80.8422
2223	46.5699	98.4(17)	98.7915	80.8870
2224	46.5898	102.3(17)	98.4691	80.9318
2225	46.6098	97.0(17)	97.9463	80.9768
2226	46.6299	98.0(17)	97.2442	81.0221
2227	46.6499	96.9(16)	96.4060	81.0671
2228	46.6698	94.3(16)	95.4836	81.1119
2229	46.6898	94.3(16)	94.5218	81.1570
2230	46.7098	93.5(16)	93.5822	81.2020
2231	46.7296	94.9(16)	92.7297	81.2466
2232	46.7497	92.3(16)	91.9893	81.2918
2233	46.7696	94.1(16)	91.4171	81.3366
2234	46.7897	91.4(16)	91.0260	81.3819
2235	46.8098	93.7(16)	90.8325	81.4272
2236	46.8298	92.9(16)	90.8338	81.4722
2237	46.8499	92.6(16)	91.0212	81.5174
2238	46.8698	94.6(16)	91.3779	81.5622
2239	46.8900	94.8(16)	91.8933	81.6068
2240	46.9099	94.3(16)	92.5263	81.6423
2241	46.9301	91.8(16)	93.2920	81.6784
2242	46.9501	96.6(16)	94.1555	81.7141
2243	46.9701	94.5(16)	95.1029	81.7498
2244	46.9901	94.4(16)	96.1066	81.7856
2245	47.0102	96.9(16)	97.1402	81.8215
2246	47.0301	98.1(17)	98.1420	81.8570
2247	47.0502	96.8(16)	99.0865	81.8929
2248	47.0701	97.6(16)	99.9050	81.9285
2249	47.0898	101.2(17)	100.5536	81.9636
2250	47.1100	101.1(17)	101.0137	81.9997
2251	47.1299	102.0(17)	101.2446	82.0353
2252	47.1501	101.3(17)	101.2623	82.0714
2253	47.1701	101.6(17)	101.1023	82.1071
2254	47.1901	100.6(17)	100.8350	82.1428
2255	47.2099	99.7(17)	100.5476	82.1782
2256	47.2299	98.3(17)	100.3380	82.2139
2257	47.2498	101.3(17)	100.2889	82.2495
2258	47.2697	95.3(16)	100.4631	82.2850
2259	47.2897	99.1(17)	100.9002	82.3207
2260	47.3097	99.2(17)	101.6028	82.3565
2261	47.3299	100.3(17)	102.5539	82.3925
2262	47.3498	99.4(17)	103.6667	82.4281
2263	47.3699	102.9(17)	104.8809	82.4640
2264	47.3901	105.8(17)	106.0951	82.5001
2265	47.4099	104.7(17)	107.1817	82.5354
2266	47.4299	108.2(17)	108.0904	82.5712
2267	47.4499	105.9(17)	108.7540	82.6069

2268	47.4699	103.3(17)	109.1444	82.6426
2269	47.4900	109.1(17)	109.2669	82.6785
2270	47.5099	104.1(17)	109.1456	82.7141
2271	47.5299	100.3(17)	108.8206	82.7498
2272	47.5498	103.0(17)	108.3398	82.7853
2273	47.5701	105.4(17)	107.7296	82.8216
2274	47.5900	104.1(17)	107.0442	82.8571
2275	47.6100	100.5(17)	106.2967	82.8929
2276	47.6300	98.9(17)	105.5005	82.9286
2277	47.6499	99.6(17)	104.6698	82.9641
2278	47.6699	98.5(17)	103.7938	82.9999
2279	47.6899	100.1(17)	102.8870	83.0356
2280	47.7100	101.1(17)	101.9602	83.0715
2281	47.7299	97.8(16)	101.0490	83.1070
2282	47.7499	94.8(16)	100.1615	83.1428
2283	47.7699	97.9(16)	99.3286	83.1785
2284	47.7899	95.9(16)	98.5609	83.2142
2285	47.8101	93.5(16)	97.8571	83.2503
2286	47.8299	95.3(16)	97.2361	83.2857
2287	47.8498	95.6(16)	96.6752	83.3212
2288	47.8698	96.2(17)	96.1693	83.3569
2289	47.8898	95.6(16)	95.7155	83.3927
2290	47.9097	91.1(16)	95.3160	83.4282
2291	47.9298	93.0(16)	94.9716	83.4641
2292	47.9499	93.2(16)	94.6879	83.5000
2293	47.9699	96.0(16)	94.4738	83.5358
2294	47.9899	91.7(16)	94.3371	83.5715
2295	48.0099	92.6(16)	94.2994	83.6072
2296	48.0297	89.4(16)	94.3638	83.6426
2297	48.0498	91.0(16)	94.5365	83.6785
2298	48.0698	91.0(16)	94.8187	83.7142
2299	48.0897	92.4(16)	95.2060	83.7497
2300	48.1098	93.5(16)	95.7031	83.7857
2301	48.1297	90.1(16)	96.2949	83.8212
2302	48.1496	95.7(16)	96.9823	83.8568
2303	48.1698	91.5(16)	97.7665	83.8928
2304	48.1898	94.8(16)	98.6118	83.9286
2305	48.2099	97.3(17)	99.5153	83.9645
2306	48.2301	97.8(17)	100.4491	84.0005
2307	48.2499	98.2(17)	101.3579	84.0359
2308	48.2699	101.1(17)	102.2329	84.0716
2309	48.2899	103.2(17)	103.0267	84.1074
2310	48.3098	102.1(17)	103.7032	84.1429
2311	48.3299	105.3(17)	104.2525	84.1788
2312	48.3499	105.3(17)	104.6688	84.2145
2313	48.3698	102.3(17)	104.9899	84.2501
2314	48.3897	105.1(17)	105.2847	84.2856
2315	48.4097	102.5(17)	105.6228	84.2980
2316	48.4299	100.9(17)	106.0769	84.2529
2317	48.4499	103.0(17)	106.7955	84.2082
2318	48.4701	109.2(17)	107.8698	84.1630
2319	48.4898	106.5(17)	109.3232	84.1190
2320	48.5098	109.7(17)	111.2218	84.0743
2321	48.5298	109.4(18)	113.5315	84.0296

2322	48.5498	114.1(18)	116.1995	83.9849
2323	48.5698	116.2(18)	119.1375	83.9402
2324	48.5897	120.2(18)	122.2152	83.8957
2325	48.6097	122.4(18)	125.3286	83.8510
2326	48.6299	124.3(19)	128.3470	83.8058
2327	48.6499	124.1(19)	131.0664	83.7611
2328	48.6700	127.8(19)	133.3941	83.7162
2329	48.6901	128.4(19)	135.1972	83.6713
2330	48.7099	134.2(19)	136.3697	83.6270
2331	48.7299	132.4(19)	136.9007	83.5823
2332	48.7499	129.1(19)	136.7775	83.5376
2333	48.7699	132.2(19)	136.0896	83.4929
2334	48.7899	135.8(19)	134.9657	83.4482
2335	48.8100	131.7(19)	133.5668	83.4033
2336	48.8301	132.1(19)	132.0667	83.3584
2337	48.8501	137.2(20)	130.6156	83.3137
2338	48.8700	137.6(20)	129.3096	83.2692
2339	48.8899	138.4(20)	128.1891	83.2247
2340	48.9099	129.8(19)	127.2605	83.1800
2341	48.9301	137.8(20)	126.4976	83.1348
2342	48.9499	134.0(19)	125.8778	83.0906
2343	48.9700	136.8(20)	125.3260	83.0457
2344	48.9901	134.2(19)	124.8004	83.0007
2345	49.0099	134.5(20)	124.2735	82.9565
2346	49.0299	136.6(20)	123.6921	82.9118
2347	49.0500	136.7(20)	123.0295	82.8668
2348	49.0699	136.9(20)	122.2795	82.8223
2349	49.0898	136.0(20)	121.4373	82.7779
2350	49.1098	132.7(19)	120.5231	82.7332
2351	49.1300	130.8(19)	119.5751	82.6880
2352	49.1501	128.5(19)	118.6684	82.6431
2353	49.1701	128.3(19)	117.8671	82.5984
2354	49.1902	128.2(19)	117.2174	82.5535
2355	49.2101	122.9(19)	116.7692	82.5090
2356	49.2300	119.0(18)	116.5352	82.4645
2357	49.2500	125.9(19)	116.5108	82.4198
2358	49.2700	121.3(18)	116.6703	82.3751
2359	49.2898	122.4(19)	116.9619	82.3308
2360	49.3099	119.9(18)	117.3254	82.2859
2361	49.3299	123.3(19)	117.6683	82.2412
2362	49.3499	124.2(19)	117.9014	82.1965
2363	49.3700	121.7(18)	117.9413	82.1516
2364	49.3898	124.8(19)	117.7288	82.1073
2365	49.4100	123.3(19)	117.2293	82.0622
2366	49.4300	126.5(19)	116.4651	82.0175
2367	49.4499	118.5(18)	115.4899	81.9730
2368	49.4699	117.4(18)	114.3793	81.9283
2369	49.4898	116.4(18)	113.2528	81.8838
2370	49.5099	115.4(18)	112.2145	81.8389
2371	49.5299	110.3(18)	111.3923	81.7942
2372	49.5500	112.7(18)	110.8701	81.7492
2373	49.5700	113.1(18)	110.7109	81.7045
2374	49.5901	113.2(18)	110.9241	81.6596
2375	49.6101	110.6(18)	111.4804	81.6149

2376	49.6301	116.7(18)	112.3143	81.5702
2377	49.6501	118.9(18)	113.3386	81.5255
2378	49.6699	122.1(18)	114.4435	81.4812
2379	49.6898	124.7(19)	115.5490	81.4368
2380	49.7099	124.4(19)	116.5663	81.3918
2381	49.7299	125.9(19)	117.3958	81.3471
2382	49.7499	125.7(19)	117.9680	81.3024
2383	49.7699	127.6(19)	118.2240	81.2577
2384	49.7899	126.5(19)	118.1241	81.2130
2385	49.8100	119.0(18)	117.6542	81.1681
2386	49.8300	119.0(18)	116.8304	81.1234
2387	49.8498	114.3(18)	115.6984	81.0791
2388	49.8697	115.4(18)	114.2897	81.0346
2389	49.8897	114.6(18)	112.6594	80.9899
2390	49.9097	111.6(18)	110.8735	80.9452
2391	49.9297	106.0(17)	109.0035	80.9005
2392	49.9498	106.0(17)	107.1120	80.8556
2393	49.9698	100.8(17)	105.2870	80.8109
2394	49.9898	105.0(17)	103.5756	80.7662
2395	50.0099	98.8(17)	102.0102	80.7213
2396	50.0297	95.3(16)	100.6403	80.6770
2397	50.0498	99.5(17)	99.4314	80.6321
2398	50.0699	96.3(16)	98.4026	80.5872
2399	50.0899	98.8(17)	97.5509	80.5424
2400	50.1098	95.6(16)	96.8643	80.4980
2401	50.1297	95.5(16)	96.3254	80.4535
2402	50.1496	95.9(16)	95.9190	80.4090
2403	50.1696	97.3(17)	95.6251	80.3643
2404	50.1896	95.5(16)	95.4162	80.3196
2405	50.2097	93.9(16)	95.2617	80.2747
2406	50.2297	94.9(16)	95.1287	80.2300
2407	50.2497	96.1(16)	94.9801	80.1853
2408	50.2697	90.0(16)	94.7854	80.1406
2409	50.2897	91.5(16)	94.5170	80.0959
2410	50.3097	89.9(16)	94.1549	80.0512
2411	50.3297	88.9(16)	93.6403	79.9485
2412	50.3497	91.1(16)	93.0239	79.8348
2413	50.3696	86.3(15)	92.3359	79.7217
2414	50.3897	89.5(16)	91.5911	79.6074
2415	50.4098	85.1(15)	90.8281	79.4931
2416	50.4300	87.0(16)	90.0732	79.3783
2417	50.4501	85.7(16)	89.3707	79.2640
2418	50.4701	83.3(15)	88.7411	79.1503
2419	50.4901	86.0(16)	88.2060	79.0366
2420	50.5101	81.7(15)	87.7748	78.9230
2421	50.5300	86.6(16)	87.4518	78.8098
2422	50.5500	85.1(15)	87.2282	78.6961
2423	50.5699	84.4(15)	87.0961	78.5830
2424	50.5898	85.8(15)	87.0379	78.4699
2425	50.6098	83.8(15)	87.0340	78.3562
2426	50.6299	82.8(15)	87.0639	78.2419
2427	50.6499	86.3(16)	87.1053	78.1282
2428	50.6698	83.1(15)	87.1375	78.0151
2429	50.6898	83.0(15)	87.1433	77.9014

2430	50.7098	83.9(15)	87.1087	77.7877
2431	50.7296	85.6(15)	87.0298	77.6751
2432	50.7497	88.9(16)	86.9081	77.5608
2433	50.7696	84.3(15)	86.7615	77.4477
2434	50.7897	86.1(16)	86.6103	77.3334
2435	50.8098	86.2(16)	86.4855	77.2192
2436	50.8298	84.6(15)	86.4182	77.1055
2437	50.8499	83.0(15)	86.4360	76.9912
2438	50.8699	86.0(16)	86.5603	76.8775
2439	50.8899	85.8(16)	86.7998	76.7638
2440	50.9100	84.5(15)	87.1712	76.6495
2441	50.9301	87.4(16)	87.6613	76.5353
2442	50.9500	89.6(16)	88.2450	76.4221
2443	50.9701	88.2(16)	88.9056	76.3079
2444	50.9901	87.4(16)	89.6033	76.1942
2445	51.0102	89.1(16)	90.3032	76.0799
2446	51.0301	88.1(16)	90.9613	75.9668
2447	51.0502	90.2(16)	91.5623	75.8525
2448	51.0699	87.9(16)	92.0684	75.7405
2449	51.0899	88.8(16)	92.4808	75.6268
2450	51.1099	90.0(16)	92.7877	75.5131
2451	51.1300	89.1(16)	92.9821	75.3989
2452	51.1500	93.8(16)	93.0617	75.2852
2453	51.1701	89.2(16)	93.0345	75.1709
2454	51.1899	90.7(16)	92.9149	75.0583
2455	51.2101	89.8(16)	92.7109	74.9435
2456	51.2299	86.7(16)	92.4523	74.8309
2457	51.2498	85.8(16)	92.1439	74.7178
2458	51.2697	87.0(16)	91.7932	74.6047
2459	51.2897	87.9(16)	91.3995	74.4910
2460	51.3098	90.2(16)	90.9589	74.3767
2461	51.3298	85.2(15)	90.4737	74.2630
2462	51.3499	86.7(16)	89.9358	74.1487
2463	51.3698	87.6(16)	89.3502	74.0356
2464	51.3900	86.7(16)	88.7029	73.9208
2465	51.4100	86.0(16)	88.0068	73.8071
2466	51.4299	83.4(15)	87.2726	73.6940
2467	51.4499	84.8(15)	86.5021	73.5802
2468	51.4699	83.0(15)	85.7166	73.4665
2469	51.4899	80.9(15)	84.9346	73.3528
2470	51.5099	85.9(15)	84.1726	73.2391
2471	51.5299	82.5(15)	83.4413	73.1254
2472	51.5498	83.0(15)	82.7524	73.0123
2473	51.5701	82.0(15)	82.0920	72.8969
2474	51.5901	80.4(15)	81.5391	72.8435
2475	51.6099	78.8(15)	81.0404	72.8003
2476	51.6300	79.9(15)	80.5672	72.7565
2477	51.6499	76.0(15)	80.1341	72.7131
2478	51.6698	78.4(15)	79.7375	72.6697
2479	51.6899	77.0(15)	79.3809	72.6259
2480	51.7099	79.2(15)	79.0749	72.5823
2481	51.7299	80.3(15)	78.8274	72.5387
2482	51.7500	76.1(15)	78.6471	72.4949
2483	51.7698	79.1(15)	78.5468	72.4517

2484	51.7901	76.9(15)	78.5263	72.4074
2485	51.8101	77.7(15)	78.5894	72.3638
2486	51.8299	77.2(15)	78.7334	72.3207
2487	51.8498	78.0(15)	78.9552	72.2773
2488	51.8698	76.6(15)	79.2457	72.2337
2489	51.8898	76.6(15)	79.5912	72.1901
2490	51.9097	76.8(15)	79.9668	72.1467
2491	51.9298	78.0(15)	80.3689	72.1029
2492	51.9499	79.3(15)	80.7654	72.0590
2493	51.9699	78.8(15)	81.1304	72.0154
2494	51.9899	78.0(15)	81.4469	71.9718
2495	52.0098	79.7(15)	81.6952	71.9284
2496	52.0298	79.4(15)	81.8686	71.8848
2497	52.0498	79.5(15)	81.9498	71.8412
2498	52.0697	80.6(15)	81.9410	71.7978
2499	52.0897	77.9(15)	81.8203	71.7542
2500	52.1098	79.8(15)	81.6515	71.7104
2501	52.1298	78.5(15)	81.4273	71.6668
2502	52.1496	78.8(15)	81.1711	71.6236
2503	52.1697	79.2(15)	80.9034	71.5798
2504	52.1899	76.9(15)	80.6495	71.5358
2505	52.2099	75.7(15)	80.4381	71.4922
2506	52.2300	76.3(15)	80.2852	71.4483
2507	52.2499	76.5(15)	80.2084	71.4049
2508	52.2699	75.2(15)	80.2160	71.3613
2509	52.2899	77.1(15)	80.3134	71.3177
2510	52.3099	78.5(15)	80.5002	71.2741
2511	52.3299	72.1(14)	80.7688	71.2305
2512	52.3499	78.9(15)	81.1052	71.1869
2513	52.3698	76.3(15)	81.4937	71.1435
2514	52.3897	80.3(15)	81.9128	71.1001
2515	52.4098	79.7(15)	82.3417	71.0563
2516	52.4299	79.1(15)	82.7500	71.0125
2517	52.4499	77.9(15)	83.1076	70.9689
2518	52.4701	79.6(15)	83.3962	70.9248
2519	52.4898	78.3(15)	83.5862	70.8819
2520	52.5098	80.0(15)	83.6745	70.8383
2521	52.5299	77.8(15)	83.6512	70.7945
2522	52.5498	80.8(15)	83.5227	70.7511
2523	52.5698	78.5(15)	83.3022	70.7075
2524	52.5897	77.5(15)	83.0110	70.6641
2525	52.6098	78.7(15)	82.6722	70.6203
2526	52.6299	77.2(15)	82.3176	70.5764
2527	52.6499	78.1(15)	81.9851	70.5328
2528	52.6701	76.5(15)	81.6978	70.4888
2529	52.6901	80.0(15)	81.4878	70.4452
2530	52.7101	74.5(14)	81.3957	70.4325
2531	52.7299	77.8(15)	81.4263	70.4439
2532	52.7499	75.7(15)	81.5451	70.4554
2533	52.7699	79.1(15)	81.7352	70.4669
2534	52.7899	79.6(15)	81.9680	70.4785
2535	52.8101	78.8(15)	82.2119	70.4901
2536	52.8301	79.0(15)	82.4266	70.5017
2537	52.8501	79.3(15)	82.5834	70.5132

2538	52.8701	82.1(15)	82.6582	70.5247
2539	52.8899	76.7(15)	82.6395	70.5361
2540	52.9100	75.6(15)	82.5265	70.5477
2541	52.9300	75.4(15)	82.3323	70.5593
2542	52.9500	76.4(15)	82.0870	70.5708
2543	52.9701	79.2(15)	81.8188	70.5824
2544	52.9899	74.2(15)	81.5657	70.5938
2545	53.0100	77.3(15)	81.3484	70.6054
2546	53.0300	77.4(15)	81.1937	70.6169
2547	53.0499	78.1(15)	81.1130	70.6284
2548	53.0699	73.7(14)	81.1081	70.6399
2549	53.0899	77.6(15)	81.1718	70.6515
2550	53.1098	76.3(15)	81.2835	70.6629
2551	53.1299	77.8(15)	81.4251	70.6745
2552	53.1501	77.9(15)	81.5660	70.6862
2553	53.1701	75.3(15)	81.6739	70.6977
2554	53.1902	76.7(15)	81.7250	70.7093
2555	53.2101	78.4(15)	81.7038	70.7208
2556	53.2301	79.7(15)	81.6080	70.7323
2557	53.2499	77.1(15)	81.4440	70.7437
2558	53.2700	77.4(15)	81.2187	70.7553
2559	53.2899	79.5(15)	80.9553	70.7668
2560	53.3099	80.3(15)	80.6672	70.7783
2561	53.3299	80.4(15)	80.3742	70.7898
2562	53.3499	78.0(15)	80.0936	70.8014
2563	53.3701	77.7(15)	79.8372	70.8130
2564	53.3899	78.2(15)	79.6208	70.8244
2565	53.4100	77.0(15)	79.4425	70.8360
2566	53.4300	77.0(15)	79.3074	70.8476
2567	53.4500	80.1(15)	79.2124	70.8591
2568	53.4699	78.7(15)	79.1539	70.8706
2569	53.4898	75.1(15)	79.1230	70.8820
2570	53.5099	76.9(15)	79.1139	70.8936
2571	53.5300	78.7(15)	79.1198	70.9052
2572	53.5500	78.2(15)	79.1322	70.9167
2573	53.5701	78.3(15)	79.1444	70.9283
2574	53.5901	77.1(15)	79.1517	70.9399
2575	53.6101	75.3(15)	79.1529	70.9514
2576	53.6301	75.2(15)	79.1509	70.9629
2577	53.6501	73.4(14)	79.1444	70.9745
2578	53.6699	76.5(15)	79.1369	70.9859
2579	53.6899	74.5(15)	79.1286	70.9974
2580	53.7099	76.8(15)	79.1169	71.0089
2581	53.7298	77.9(15)	79.0980	71.0204
2582	53.7500	76.1(15)	79.0659	71.0321
2583	53.7699	79.9(15)	79.0184	71.0435
2584	53.7899	74.9(15)	78.9530	71.0551
2585	53.8099	77.7(15)	78.8721	71.0666
2586	53.8301	76.7(15)	78.7814	71.0783
2587	53.8498	76.0(15)	78.6931	71.0896
2588	53.8697	77.7(15)	78.6154	71.1011
2589	53.8897	74.7(14)	78.5637	71.1126
2590	53.9098	77.6(15)	78.5533	71.1242
2591	53.9298	76.8(15)	78.5985	71.1357

2592	53.9496	74.3(15)	78.7091	71.1472
2593	53.9698	74.0(14)	78.8961	71.1588
2594	53.9899	76.6(15)	79.1561	71.1704
2595	54.0099	74.9(14)	79.4736	71.1707
2596	54.0298	74.5(14)	79.8384	71.1635
2597	54.0498	78.5(15)	80.2433	71.1563
2598	54.0699	77.6(15)	80.6668	71.1490
2599	54.0899	77.1(15)	81.0778	71.1418
2600	54.1099	79.8(15)	81.4525	71.1346
2601	54.1297	80.6(15)	81.7681	71.1275
2602	54.1496	80.1(15)	82.0135	71.1203
2603	54.1695	77.7(15)	82.1825	71.1131
2604	54.1896	81.4(15)	82.2810	71.1059
2605	54.2097	82.4(15)	82.3213	71.0986
2606	54.2297	80.5(15)	82.3236	71.0914
2607	54.2497	80.3(15)	82.3097	71.0842
2608	54.2697	80.0(15)	82.2986	71.0770
2609	54.2897	82.2(15)	82.3061	71.0698
2610	54.3097	82.4(15)	82.3433	71.0626
2611	54.3297	80.1(15)	82.4156	71.0554
2612	54.3497	83.2(15)	82.5253	71.0482
2613	54.3697	81.1(15)	82.6739	71.0409
2614	54.3896	80.8(15)	82.8502	71.0338
2615	54.4098	81.5(15)	83.0551	71.0265
2616	54.4299	83.1(15)	83.2785	71.0192
2617	54.4501	81.7(15)	83.5157	71.0120
2618	54.4701	83.1(15)	83.7565	71.0047
2619	54.4901	85.6(16)	83.9968	70.9975
2620	54.5101	83.9(15)	84.2301	70.9903
2621	54.5299	84.7(15)	84.4482	70.9832
2622	54.5501	84.4(15)	84.6514	70.9759
2623	54.5699	87.7(16)	84.8260	70.9688
2624	54.5898	87.3(16)	84.9715	70.9616
2625	54.6098	86.6(16)	85.0822	70.9544
2626	54.6298	89.5(16)	85.1528	70.9472
2627	54.6499	91.0(16)	85.1787	70.9399
2628	54.6698	92.0(16)	85.1611	70.9327
2629	54.6898	89.0(16)	85.0995	70.9255
2630	54.7098	86.0(16)	85.0238	70.9183
2631	54.7296	84.9(16)	84.9477	70.9112
2632	54.7497	87.0(16)	84.8950	70.9039
2633	54.7696	85.8(16)	84.8920	70.8968
2634	54.7897	84.3(15)	84.9615	70.8895
2635	54.8098	81.8(15)	85.1219	70.8823
2636	54.8298	84.4(15)	85.3816	70.8751
2637	54.8499	82.6(15)	85.7473	70.8678
2638	54.8699	85.6(16)	86.2123	70.8606
2639	54.8899	85.6(16)	86.7674	70.8534
2640	54.9099	86.0(16)	87.3985	70.8462
2641	54.9301	84.6(15)	88.0880	70.8389
2642	54.9501	90.2(16)	88.8052	70.8317
2643	54.9702	89.6(16)	89.5278	70.8244
2644	54.9901	90.0(16)	90.2178	70.8173
2645	55.0102	90.8(16)	90.8508	70.8016

2646	55.0301	89.6(16)	91.3834	70.7744
2647	55.0501	95.2(16)	91.8105	70.7470
2648	55.0701	93.9(16)	92.1138	70.7197
2649	55.0898	96.4(16)	92.2729	70.6927
2650	55.1099	96.3(16)	92.2928	70.6652
2651	55.1300	93.1(16)	92.1789	70.6377
2652	55.1500	94.8(16)	91.9534	70.6103
2653	55.1700	89.0(16)	91.6443	70.5830
2654	55.1901	89.6(16)	91.2814	70.5555
2655	55.2099	87.8(16)	90.9040	70.5284
2656	55.2299	85.7(16)	90.5307	70.5010
2657	55.2498	86.1(16)	90.1874	70.4738
2658	55.2697	83.6(15)	89.8836	70.4465
2659	55.2897	87.8(16)	89.6206	70.4192
2660	55.3097	83.3(15)	89.3918	70.3918
2661	55.3298	85.4(15)	89.1810	70.3643
2662	55.3499	85.1(16)	88.9715	70.3368
2663	55.3699	85.0(15)	88.7459	70.3094
2664	55.3899	82.4(15)	88.4877	70.2820
2665	55.4100	82.6(15)	88.1826	70.2545
2666	55.4299	81.6(15)	87.8259	70.2273
2667	55.4498	80.1(15)	87.4094	70.2001
2668	55.4700	83.0(15)	86.9215	70.1724
2669	55.4899	79.2(15)	86.3788	70.1452
2670	55.5099	80.0(15)	85.7750	70.1178
2671	55.5299	81.6(15)	85.1196	70.0905
2672	55.5498	82.6(15)	84.4251	70.0632
2673	55.5700	77.7(15)	83.6877	70.0356
2674	55.5900	79.2(15)	82.9401	70.0082
2675	55.6101	76.8(15)	82.1857	69.9807
2676	55.6299	77.5(15)	81.4544	69.9536
2677	55.6499	78.5(15)	80.7428	69.9262
2678	55.6699	79.2(15)	80.0732	69.8989
2679	55.6899	77.6(15)	79.4581	69.8715
2680	55.7099	77.9(15)	78.9084	69.8441
2681	55.7299	77.3(15)	78.4313	69.8168
2682	55.7499	78.0(15)	78.0325	69.7894
2683	55.7699	77.4(15)	77.7141	69.7620
2684	55.7899	81.1(15)	77.4775	69.7347
2685	55.8101	80.0(15)	77.3192	69.7070
2686	55.8298	80.4(15)	77.2422	69.6801
2687	55.8498	79.9(15)	77.2395	69.6527
2688	55.8698	80.4(15)	77.3117	69.6253
2689	55.8897	79.8(15)	77.4580	69.5981
2690	55.9098	83.7(15)	77.6804	69.5706
2691	55.9298	83.4(15)	77.9794	69.5432
2692	55.9499	81.1(15)	78.3540	69.5157
2693	55.9699	84.4(15)	78.7997	69.4883
2694	55.9899	79.9(15)	79.3093	69.4610
2695	56.0099	82.1(15)	79.8662	69.4336
2696	56.0298	81.9(15)	80.4517	69.4064
2697	56.0497	81.9(15)	81.0439	69.3791
2698	56.0698	80.8(15)	81.6328	69.3516
2699	56.0897	86.2(16)	82.1814	69.3244

2700	56.1098	83.1(15)	82.6786	69.2969
2701	56.1297	82.5(15)	83.0986	69.2697
2702	56.1497	81.9(15)	83.4343	69.2423
2703	56.1697	83.7(15)	83.6776	69.2149
2704	56.1899	80.5(15)	83.8267	69.1873
2705	56.2099	81.9(15)	83.8807	69.1599
2706	56.2300	83.3(15)	83.8509	69.1324
2707	56.2500	84.5(15)	83.7487	69.1050
2708	56.2699	81.5(15)	83.5866	69.0778
2709	56.2899	80.9(15)	83.3801	69.0504
2710	56.3098	82.4(15)	83.1454	69.0232
2711	56.3300	81.8(15)	82.8873	68.9877
2712	56.3499	81.1(15)	82.6313	68.9433
2713	56.3697	80.5(15)	82.4087	68.8992
2714	56.3897	80.2(15)	82.2331	68.8546
2715	56.4098	80.2(15)	82.1345	68.8097
2716	56.4298	82.1(15)	82.1361	68.7651
2717	56.4500	83.1(15)	82.2583	68.7200
2718	56.4699	80.3(15)	82.5093	68.6757
2719	56.4898	80.7(15)	82.8940	68.6313
2720	56.5099	82.0(15)	83.4138	68.5864
2721	56.5298	81.8(15)	84.0420	68.5421
2722	56.5498	83.5(15)	84.7607	68.4974
2723	56.5698	84.3(15)	85.5299	68.4528
2724	56.5897	85.6(16)	86.3004	68.4084
2725	56.6098	85.2(16)	87.0304	68.3636
2726	56.6299	83.7(15)	87.6565	68.3188
2727	56.6499	87.5(16)	88.1239	68.2742
2728	56.6700	89.7(16)	88.3948	68.2293
2729	56.6901	90.3(16)	88.4398	68.1845
2730	56.7099	85.9(16)	88.2567	68.1403
2731	56.7300	84.6(15)	87.8561	68.0955
2732	56.7499	81.9(15)	87.2692	68.0511
2733	56.7698	80.6(15)	86.5365	68.0067
2734	56.7899	79.5(15)	85.6919	67.9619
2735	56.8100	76.7(15)	84.7850	67.9171
2736	56.8301	78.8(15)	83.8545	67.8722
2737	56.8501	77.3(15)	82.9356	67.8276
2738	56.8701	74.6(15)	82.0449	67.7830
2739	56.8899	75.8(15)	81.2007	67.7389
2740	56.9099	73.9(14)	80.3893	67.6942
2741	56.9301	73.8(14)	79.6076	67.6492
2742	56.9499	71.6(14)	78.8749	67.6050
2743	56.9700	72.5(14)	78.1638	67.5602
2744	56.9900	71.9(14)	77.4930	67.5156
2745	57.0101	71.0(14)	76.8641	67.4707
2746	57.0299	72.2(14)	76.3007	67.4266
2747	57.0501	71.7(14)	75.7977	67.3815
2748	57.0699	69.6(14)	75.3860	67.3374
2749	57.0898	72.4(14)	75.0647	67.2930
2750	57.1099	70.7(14)	74.8415	67.2481
2751	57.1299	73.3(14)	74.7237	67.2035
2752	57.1501	73.6(14)	74.7022	67.1585
2753	57.1701	74.2(14)	74.7730	67.1172

2754	57.1901	73.4(14)	74.9329	67.0937
2755	57.2101	73.2(14)	75.1426	67.0702
2756	57.2301	73.7(14)	75.3765	67.0467
2757	57.2499	76.2(15)	75.6057	67.0235
2758	57.2701	73.8(14)	75.8096	66.9997
2759	57.2898	76.0(15)	75.9560	66.9766
2760	57.3099	74.3(15)	76.0322	66.9530
2761	57.3299	74.2(14)	76.0265	66.9295
2762	57.3500	72.8(14)	75.9331	66.9059
2763	57.3701	73.1(14)	75.7557	66.8822
2764	57.3899	71.4(14)	75.5094	66.8590
2765	57.4100	78.2(15)	75.2030	66.8354
2766	57.4300	72.5(14)	74.8627	66.8119
2767	57.4500	73.0(14)	74.5067	66.7884
2768	57.4699	73.5(14)	74.1576	66.7650
2769	57.4899	70.9(14)	73.8305	66.7415
2770	57.5099	72.4(14)	73.5439	66.7180
2771	57.5299	73.3(14)	73.3122	66.6945
2772	57.5501	72.5(14)	73.1464	66.6708
2773	57.5700	72.5(14)	73.0600	66.6474
2774	57.5901	72.8(14)	73.0581	66.6237
2775	57.6101	73.8(14)	73.1500	66.6003
2776	57.6301	70.9(14)	73.3253	66.5768
2777	57.6501	71.7(14)	73.5872	66.5532
2778	57.6699	72.1(14)	73.9264	66.5300
2779	57.6899	70.6(14)	74.3422	66.5065
2780	57.7099	77.0(15)	74.8205	66.4830
2781	57.7299	72.7(14)	75.3494	66.4595
2782	57.7499	76.1(15)	75.9104	66.4360
2783	57.7699	73.8(14)	76.4873	66.4125
2784	57.7899	72.4(14)	77.0565	66.3890
2785	57.8100	75.5(15)	77.5969	66.3654
2786	57.8299	75.9(15)	78.0808	66.3420
2787	57.8498	73.7(14)	78.4932	66.3186
2788	57.8697	77.3(15)	78.8225	66.2952
2789	57.8898	77.6(15)	79.0686	66.2716
2790	57.9097	73.6(14)	79.2347	66.2482
2791	57.9297	76.4(15)	79.3409	66.2247
2792	57.9497	79.4(15)	79.4115	66.2012
2793	57.9698	76.4(15)	79.4699	66.1776
2794	57.9899	76.9(15)	79.5380	66.1540
2795	58.0099	76.0(15)	79.6327	66.1305
2796	58.0297	77.2(15)	79.7619	66.1072
2797	58.0498	76.8(15)	79.9335	66.0836
2798	58.0699	78.6(15)	80.1420	66.0600
2799	58.0899	78.1(15)	80.3773	66.0365
2800	58.1099	78.7(15)	80.6287	66.0130
2801	58.1297	76.9(15)	80.8755	65.9897
2802	58.1496	79.6(15)	81.1062	65.9663
2803	58.1695	81.3(15)	81.2991	65.9430
2804	58.1897	79.3(15)	81.4355	65.9192
2805	58.2097	80.8(15)	81.4935	65.8957
2806	58.2296	78.9(15)	81.4575	65.8723
2807	58.2497	82.6(15)	81.3148	65.8487

2808	58.2697	81.6(15)	81.0623	65.8252
2809	58.2897	81.0(15)	80.7299	65.8327
2810	58.3097	80.3(15)	80.2957	65.8404
2811	58.3296	77.7(15)	79.7754	65.8481
2812	58.3498	77.9(15)	79.1750	65.8559
2813	58.3696	77.4(15)	78.5335	65.8635
2814	58.3897	79.6(15)	77.8499	65.8713
2815	58.4098	75.3(15)	77.1543	65.8791
2816	58.4299	75.8(15)	76.4655	65.8869
2817	58.4501	72.5(14)	75.7980	65.8947
2818	58.4701	73.5(14)	75.1769	65.9024
2819	58.4901	76.3(15)	74.6089	65.9101
2820	58.5100	73.6(15)	74.1085	65.9178
2821	58.5300	70.8(14)	73.6810	65.9256
2822	58.5500	71.4(14)	73.3363	65.9333
2823	58.5699	74.7(15)	73.0814	65.9410
2824	58.5897	71.1(14)	72.9146	65.9487
2825	58.6099	69.9(14)	72.8318	65.9565
2826	58.6299	75.7(15)	72.8318	65.9642
2827	58.6499	71.0(14)	72.9024	65.9719
2828	58.6699	74.4(15)	73.0295	65.9797
2829	58.6898	70.1(14)	73.2022	65.9874
2830	58.7098	70.4(14)	73.4009	65.9951
2831	58.7296	74.6(15)	73.6035	66.0027
2832	58.7496	74.8(15)	73.7940	66.0105
2833	58.7696	71.5(14)	73.9514	66.0182
2834	58.7897	71.5(14)	74.0566	66.0260
2835	58.8097	69.6(14)	74.0958	66.0337
2836	58.8298	70.3(14)	74.0616	66.0415
2837	58.8499	73.4(14)	73.9544	66.0493
2838	58.8699	73.3(14)	73.7826	66.0570
2839	58.8899	70.7(14)	73.5600	66.0647
2840	58.9099	73.9(14)	73.3027	66.0725
2841	58.9301	73.4(14)	73.0266	66.0803
2842	58.9499	71.8(14)	72.7571	66.0879
2843	58.9701	69.8(14)	72.4989	66.0957
2844	58.9901	71.8(14)	72.2733	66.1035
2845	59.0102	74.0(15)	72.0862	66.1112
2846	59.0301	69.4(14)	71.9481	66.1189
2847	59.0502	70.0(14)	71.8592	66.1267
2848	59.0699	68.3(14)	71.8218	66.1343
2849	59.0899	72.4(14)	71.8340	66.1421
2850	59.1099	69.7(14)	71.8912	66.1498
2851	59.1299	72.5(14)	71.9927	66.1575
2852	59.1500	73.4(14)	72.1323	66.1653
2853	59.1700	72.9(14)	72.3031	66.1730
2854	59.1899	72.3(14)	72.5002	66.1807
2855	59.2099	72.0(14)	72.7211	66.1885
2856	59.2299	72.0(14)	72.9617	66.1962
2857	59.2498	73.8(15)	73.2180	66.2039
2858	59.2696	69.7(14)	73.4863	66.2115
2859	59.2897	69.7(14)	73.7682	66.2193
2860	59.3098	71.3(14)	74.0563	66.2271
2861	59.3298	73.7(14)	74.3445	66.2348

2862	59.3498	72.3(14)	74.6275	66.2426
2863	59.3698	74.0(14)	74.9002	66.2503
2864	59.3900	72.1(14)	75.1609	66.2581
2865	59.4099	72.9(14)	75.3987	66.2658
2866	59.4300	74.7(15)	75.6166	66.2736
2867	59.4498	74.8(15)	75.8080	66.2812
2868	59.4699	73.2(14)	75.9781	66.2890
2869	59.4899	71.9(14)	76.1231	66.2967
2870	59.5099	71.4(14)	76.2440	66.3045
2871	59.5298	73.3(14)	76.3396	66.3121
2872	59.5499	75.3(15)	76.4110	66.3199
2873	59.5700	71.4(14)	76.4566	66.3277
2874	59.5900	74.5(15)	76.4778	66.3365
2875	59.6100	74.6(15)	76.4928	66.3639
2876	59.6298	75.8(15)	76.4874	66.3910
2877	59.6500	72.7(14)	76.4635	66.4187
2878	59.6698	75.6(15)	76.4265	66.4458
2879	59.6900	74.4(15)	76.3782	66.4735
2880	59.7098	74.7(15)	76.3254	66.5006
2881	59.7298	74.5(15)	76.2715	66.5280
2882	59.7500	72.9(14)	76.2237	66.5557
2883	59.7698	73.7(14)	76.1924	66.5828
2884	59.7900	74.1(15)	76.1862	66.6105
2885	59.8100	78.2(15)	76.2174	66.6379
2886	59.8298	76.0(15)	76.2964	66.6650
2887	59.8498	76.2(15)	76.4339	66.6924
2888	59.8698	81.7(15)	76.6395	66.7198
2889	59.8897	78.0(15)	76.9149	66.7471
2890	59.9098	78.8(15)	77.2655	66.7746
2891	59.9298	76.4(15)	77.6864	66.8020
2892	59.9499	80.4(15)	78.1725	66.8295
2893	59.9699	79.8(15)	78.7062	66.8569
2894	59.9899	79.3(15)	79.2727	66.8843
2895	60.0098	79.9(15)	79.8473	66.9116
2896	60.0298	80.2(15)	80.4121	66.9390
2897	60.0498	81.7(15)	80.9402	66.9664
2898	60.0697	78.7(15)	81.4079	66.9937
2899	60.0897	85.1(16)	81.8026	67.0211
2900	60.1098	81.7(15)	82.1102	67.0486
2901	60.1298	83.8(15)	82.3187	67.0760
2902	60.1496	82.6(15)	82.4231	67.1031
2903	60.1697	82.7(15)	82.4252	67.1307
2904	60.1898	81.8(15)	82.3229	67.1582
2905	60.2099	83.7(15)	82.1225	67.1857
2906	60.2300	83.4(15)	81.8369	67.2133
2907	60.2499	80.8(15)	81.4889	67.2405
2908	60.2699	79.2(15)	81.0975	67.2679
2909	60.2899	78.1(15)	80.6979	67.2953
2910	60.3099	79.6(15)	80.3175	67.3227
2911	60.3299	80.5(15)	79.9833	67.3501
2912	60.3499	83.8(15)	79.7161	67.3775
2913	60.3697	75.8(15)	79.5310	67.4046
2914	60.3897	78.4(15)	79.4296	67.4320
2915	60.4098	80.3(15)	79.4115	67.4596

2916	60.4299	80.4(15)	79.4661	67.4871
2917	60.4499	84.7(15)	79.5751	67.5145
2918	60.4700	81.8(15)	79.7171	67.5420
2919	60.4899	81.2(15)	79.8657	67.5693
2920	60.5098	78.6(15)	79.9945	67.5966
2921	60.5298	78.7(15)	80.0829	67.6240
2922	60.5498	79.8(15)	80.1153	67.6514
2923	60.5698	79.4(15)	80.0842	67.6787
2924	60.5898	80.7(15)	79.9604	67.6765
2925	60.6098	77.9(15)	79.7747	67.6687
2926	60.6299	78.0(15)	79.5410	67.6610
2927	60.6499	78.7(15)	79.2719	67.6532
2928	60.6700	78.2(15)	78.9782	67.6455
2929	60.6902	74.0(15)	78.6687	67.6377
2930	60.7100	75.6(15)	78.3585	67.6300
2931	60.7299	74.9(15)	78.0451	67.6223
2932	60.7499	74.3(15)	77.7336	67.6146
2933	60.7699	73.0(14)	77.4277	67.6069
2934	60.7899	73.3(14)	77.1287	67.5991
2935	60.8101	73.5(14)	76.8349	67.5913
2936	60.8301	71.7(14)	76.5521	67.5836
2937	60.8501	72.8(14)	76.2809	67.5759
2938	60.8700	73.4(14)	76.0237	67.5682
2939	60.8899	72.0(14)	75.7822	67.5605
2940	60.9100	72.3(14)	75.5576	67.5527
2941	60.9301	74.8(15)	75.3577	67.5450
2942	60.9499	72.7(14)	75.1869	67.5373
2943	60.9700	75.1(15)	75.0447	67.5295
2944	60.9900	72.5(14)	74.9370	67.5218
2945	61.0101	75.5(15)	74.8654	67.5140
2946	61.0300	73.8(15)	74.8327	67.5064
2947	61.0501	71.3(14)	74.8397	67.4986
2948	61.0698	73.4(14)	74.8877	67.4910
2949	61.0898	72.4(14)	74.9787	67.4832
2950	61.1099	75.4(15)	75.1139	67.4755
2951	61.1300	72.3(14)	75.2950	67.4677
2952	61.1502	72.2(14)	75.5221	67.4599
2953	61.1701	73.7(14)	75.7893	67.4522
2954	61.1902	73.7(14)	76.1005	67.4444
2955	61.2101	72.7(14)	76.4436	67.4368
2956	61.2300	75.7(15)	76.8153	67.4291
2957	61.2501	74.0(14)	77.2107	67.4213
2958	61.2699	74.4(15)	77.6089	67.4136
2959	61.2898	75.3(15)	78.0086	67.4060
2960	61.3099	75.3(15)	78.4014	67.3982
2961	61.3299	77.6(15)	78.7731	67.3905
2962	61.3501	79.7(15)	79.1240	67.3827
2963	61.3700	76.6(15)	79.4445	67.3750
2964	61.3900	76.0(15)	79.7404	67.3672
2965	61.4099	78.0(15)	80.0203	67.3595
2966	61.4301	76.2(15)	80.2942	67.3517
2967	61.4499	79.3(15)	80.5596	67.3441
2968	61.4699	76.9(15)	80.8318	67.3364
2969	61.4899	78.5(15)	81.1125	67.3286

2970	61.5099	76.5(15)	81.4040	67.3209
2971	61.5300	77.2(15)	81.7056	67.3131
2972	61.5500	76.2(15)	82.0067	67.3054
2973	61.5700	79.6(15)	82.2963	67.2977
2974	61.5902	77.6(15)	82.5614	67.2899
2975	61.6101	77.0(15)	82.7780	67.2822
2976	61.6301	75.6(15)	82.9346	67.2744
2977	61.6500	78.3(15)	83.0156	67.2668
2978	61.6699	76.9(15)	83.0165	67.2591
2979	61.6899	79.8(15)	82.9350	67.2513
2980	61.7099	80.3(15)	82.7747	67.2436
2981	61.7299	77.1(15)	82.5422	67.2359
2982	61.7499	77.6(15)	82.2445	67.2281
2983	61.7699	79.2(15)	81.8882	67.2204
2984	61.7900	79.6(15)	81.4768	67.2127
2985	61.8099	77.0(15)	81.0217	67.2050
2986	61.8300	76.2(15)	80.5199	67.1972
2987	61.8498	76.6(15)	79.9912	67.1895
2988	61.8698	78.0(15)	79.4314	67.1818
2989	61.8897	75.7(15)	78.8587	67.1741
2990	61.9097	78.6(15)	78.2781	67.1664
2991	61.9297	77.7(15)	77.7031	67.1587
2992	61.9498	76.2(15)	77.1415	67.1509
2993	61.9698	76.4(15)	76.6075	67.1432
2994	61.9899	76.3(15)	76.1024	67.1354
2995	62.0099	74.5(15)	75.6402	67.1277
2996	62.0298	73.8(15)	75.2242	67.1200
2997	62.0498	76.4(15)	74.8544	67.1123
2998	62.0699	73.3(14)	74.5353	67.1045
2999	62.0899	73.9(15)	74.2692	67.0968
3000	62.1099	73.9(15)	74.0544	67.0890
3001	62.1297	73.0(14)	73.8900	67.0814
3002	62.1496	74.2(15)	73.7689	67.0737
3003	62.1696	72.5(14)	73.6855	67.0653
3004	62.1896	71.8(14)	73.6314	67.0524
3005	62.2097	73.5(14)	73.6042	67.0395
3006	62.2297	72.4(14)	73.5996	67.0266
3007	62.2497	71.1(14)	73.6138	67.0138
3008	62.2697	73.0(14)	73.6452	67.0009
3009	62.2897	72.8(14)	73.6925	66.9881
3010	62.3097	76.2(15)	73.7546	66.9752
3011	62.3297	74.0(15)	73.8327	66.9624
3012	62.3497	75.8(15)	73.9238	66.9495
3013	62.3696	73.8(15)	74.0273	66.9367
3014	62.3897	75.3(15)	74.1412	66.9238
3015	62.4098	75.4(15)	74.2624	66.9109
3016	62.4299	76.2(15)	74.3876	66.8979
3017	62.4500	74.0(15)	74.5140	66.8850
3018	62.4701	78.0(15)	74.6396	66.8721
3019	62.4901	73.0(14)	74.7624	66.8593
3020	62.5101	76.4(15)	74.8820	66.8464
3021	62.5299	74.6(15)	74.9970	66.8337
3022	62.5500	74.5(15)	75.1095	66.8207
3023	62.5699	76.4(15)	75.2144	66.8080

3024	62.5897	75.2(15)	75.3070	66.7952
3025	62.6099	76.2(15)	75.3916	66.7822
3026	62.6299	73.4(15)	75.4586	66.7694
3027	62.6499	73.6(14)	75.5030	66.7565
3028	62.6698	74.9(15)	75.5203	66.7437
3029	62.6898	73.8(15)	75.5062	66.7309
3030	62.7097	71.7(14)	75.4573	66.7181
3031	62.7296	76.1(15)	75.3741	66.7053
3032	62.7497	74.7(15)	75.2551	66.6924
3033	62.7696	73.9(15)	75.1067	66.6796
3034	62.7897	75.5(15)	74.9298	66.6667
3035	62.8098	75.2(15)	74.7294	66.6537
3036	62.8298	75.3(15)	74.5119	66.6409
3037	62.8498	74.5(15)	74.2804	66.6280
3038	62.8699	74.2(15)	74.0374	66.6151
3039	62.8899	72.3(14)	73.7888	66.6023
3040	62.9100	73.8(15)	73.5356	66.5893
3041	62.9300	74.6(15)	73.2842	66.5765
3042	62.9500	71.6(14)	73.0379	66.5636
3043	62.9702	77.4(15)	72.7986	66.5506
3044	62.9901	71.4(14)	72.5778	66.5379
3045	63.0102	73.0(14)	72.3769	66.5249
3046	63.0301	72.2(14)	72.2047	66.5121
3047	63.0501	71.9(14)	72.0630	66.4993
3048	63.0700	70.5(14)	71.9563	66.4865
3049	63.0898	72.9(14)	71.8855	66.4738
3050	63.1099	72.1(14)	71.8485	66.4608
3051	63.1300	71.6(14)	71.8442	66.4479
3052	63.1501	72.8(14)	71.8678	66.4350
3053	63.1700	74.1(15)	71.9125	66.4222
3054	63.1899	72.0(14)	71.9711	66.4094
3055	63.2100	72.6(14)	72.0356	66.3965
3056	63.2299	71.5(14)	72.0955	66.3837
3057	63.2498	71.5(14)	72.1432	66.3709
3058	63.2696	72.0(14)	72.1701	66.3582
3059	63.2896	72.4(14)	72.1977	66.3734
3060	63.3098	73.0(14)	72.1933	66.3893
3061	63.3298	68.7(14)	72.1550	66.4050
3062	63.3498	71.3(14)	72.0853	66.4206
3063	63.3698	69.9(14)	71.9883	66.4363
3064	63.3900	71.2(14)	71.8694	66.4521
3065	63.4101	69.3(14)	71.7383	66.4679
3066	63.4300	69.9(14)	71.6033	66.4835
3067	63.4499	69.4(14)	71.4704	66.4991
3068	63.4698	71.5(14)	71.3472	66.5147
3069	63.4899	71.2(14)	71.2394	66.5305
3070	63.5099	72.9(14)	71.1515	66.5461
3071	63.5298	70.7(14)	71.0880	66.5617
3072	63.5499	71.8(14)	71.0497	66.5775
3073	63.5700	72.1(14)	71.0411	66.5932
3074	63.5901	70.6(14)	71.0617	66.6090
3075	63.6099	68.5(14)	71.1108	66.6245
3076	63.6299	70.5(14)	71.1880	66.6402
3077	63.6499	67.1(14)	71.2916	66.6559

3078	63.6698	70.6(14)	71.4184	66.6715
3079	63.6899	69.5(14)	71.5663	66.6872
3080	63.7098	73.5(14)	71.7279	66.7028
3081	63.7299	74.3(15)	71.9010	66.7186
3082	63.7499	69.8(14)	72.0724	66.7343
3083	63.7698	71.4(14)	72.2470	66.7499
3084	63.7901	69.0(14)	72.4163	66.7658
3085	63.8099	74.3(15)	72.5676	66.7813
3086	63.8299	72.6(14)	72.7015	66.7970
3087	63.8498	70.9(14)	72.8125	66.8126
3088	63.8698	71.0(14)	72.9008	66.8283
3089	63.8897	72.7(14)	72.9650	66.8439
3090	63.9098	72.5(14)	73.0082	66.8596
3091	63.9298	73.7(15)	73.0338	66.8753
3092	63.9499	73.8(15)	73.0449	66.8910
3093	63.9699	71.2(14)	73.0496	66.9067
3094	63.9898	74.7(15)	73.0520	66.9223
3095	64.0099	73.6(15)	73.0559	66.9381
3096	64.0298	70.8(14)	73.0639	66.9537
3097	64.0497	74.0(15)	73.0789	66.9693
3098	64.0697	73.5(15)	73.1013	66.9850
3099	64.0897	71.2(14)	73.1312	67.0006
3100	64.1098	73.3(14)	73.1691	67.0164
3101	64.1298	76.4(15)	73.2142	67.0321
3102	64.1496	74.1(15)	73.2663	67.0476
3103	64.1697	71.6(14)	73.3260	67.0633
3104	64.1899	72.3(14)	73.3936	67.0792
3105	64.2099	72.6(14)	73.4673	67.0949
3106	64.2300	70.9(14)	73.5474	67.1106
3107	64.2499	72.5(14)	73.6314	67.1262
3108	64.2698	72.9(14)	73.7199	67.1418
3109	64.2900	73.3(15)	73.8128	67.1576
3110	64.3099	72.2(14)	73.9071	67.1732
3111	64.3299	74.4(15)	74.0054	67.1889
3112	64.3499	73.3(14)	74.1092	67.2046
3113	64.3697	73.6(14)	74.2186	67.2201
3114	64.3897	71.6(14)	74.3405	67.2358
3115	64.4098	72.4(14)	74.4780	67.2516
3116	64.4298	73.9(15)	74.6337	67.2672
3117	64.4499	76.0(15)	74.8110	67.2830
3118	64.4700	70.2(14)	75.0107	67.2987
3119	64.4898	74.9(15)	75.2288	67.3143
3120	64.5099	75.5(15)	75.4703	67.3300
3121	64.5298	74.2(15)	75.7262	67.3456
3122	64.5497	75.6(15)	75.9960	67.3612
3123	64.5698	74.6(15)	76.2770	67.3770
3124	64.5898	77.1(15)	76.5596	67.3927
3125	64.6098	78.4(15)	76.8371	67.4078
3126	64.6298	76.3(15)	77.1016	67.4227
3127	64.6499	75.5(15)	77.3446	67.4376
3128	64.6701	77.0(15)	77.5558	67.4526
3129	64.6901	76.4(15)	77.7228	67.4675
3130	64.7100	78.0(15)	77.8389	67.4823
3131	64.7299	76.5(15)	77.9006	67.4971

3132	64.7498	73.1(14)	77.9077	67.5118
3133	64.7699	77.4(15)	77.8630	67.5268
3134	64.7899	75.7(15)	77.7750	67.5416
3135	64.8101	74.6(15)	77.6542	67.5566
3136	64.8301	73.6(15)	77.5176	67.5715
3137	64.8501	73.8(15)	77.3790	67.5863
3138	64.8699	76.2(15)	77.2533	67.6011
3139	64.8899	74.7(15)	77.1498	67.6159
3140	64.9101	76.5(15)	77.0782	67.6309
3141	64.9300	76.9(15)	77.0450	67.6457
3142	64.9498	73.7(15)	77.0496	67.6604
3143	64.9700	74.8(15)	77.0899	67.6754
3144	64.9901	74.8(15)	77.1580	67.6903
3145	65.0100	77.6(15)	77.2422	67.7051
3146	65.0300	76.3(15)	77.3310	67.7200
3147	65.0499	76.2(15)	77.4106	67.7348
3148	65.0698	77.0(15)	77.4688	67.7495
3149	65.0898	79.1(15)	77.4950	67.7644
3150	65.1099	75.3(15)	77.4802	67.7793
3151	65.1301	79.0(15)	77.4183	67.7943
3152	65.1501	78.1(15)	77.3081	67.8092
3153	65.1701	79.0(15)	77.1506	67.8240
3154	65.1901	79.8(15)	76.9492	67.8389
3155	65.2102	79.6(15)	76.7094	67.8538
3156	65.2300	78.2(15)	76.4423	67.8685
3157	65.2500	78.3(15)	76.1513	67.8834
3158	65.2699	76.9(15)	75.8495	67.8982
3159	65.2898	76.6(15)	75.5447	67.9129
3160	65.3099	80.4(15)	75.2423	67.9279
3161	65.3300	77.3(15)	74.9528	67.9428
3162	65.3500	77.7(15)	74.6841	67.9577
3163	65.3701	77.4(15)	74.4390	67.9726
3164	65.3899	74.8(15)	74.2229	67.9873
3165	65.4101	76.4(15)	74.0306	68.0023
3166	65.4301	77.6(15)	73.8675	68.0172
3167	65.4499	75.9(15)	73.7313	68.0319
3168	65.4699	75.0(15)	73.6176	68.0467
3169	65.4899	77.2(15)	73.5251	68.0616
3170	65.5100	78.9(15)	73.4546	68.0765
3171	65.5299	75.3(15)	73.4056	68.0913
3172	65.5500	75.3(15)	73.3773	68.1062
3173	65.5701	74.6(15)	73.3707	68.1212
3174	65.5902	75.4(15)	73.3871	68.1361
3175	65.6101	74.0(15)	73.4273	68.1509
3176	65.6301	74.6(15)	73.4936	68.1657
3177	65.6500	73.9(14)	73.5864	68.1805
3178	65.6699	75.4(15)	73.7081	68.1953
3179	65.6899	69.8(14)	73.8557	68.2102
3180	65.7099	73.8(15)	74.0445	68.2250
3181	65.7299	73.5(15)	74.2721	68.2399
3182	65.7499	70.5(14)	74.5426	68.2547
3183	65.7699	75.6(15)	74.8601	68.2696
3184	65.7899	73.6(15)	75.2276	68.2844
3185	65.8100	76.3(15)	75.6494	68.2994

3186	65.8299	73.8(15)	76.1178	68.3141
3187	65.8498	76.0(15)	76.6326	68.3289
3188	65.8697	77.7(15)	77.1857	68.3437
3189	65.8898	79.3(15)	77.7706	68.3586
3190	65.9097	77.0(15)	78.3596	68.3734
3191	65.9298	79.4(15)	78.9424	68.3861
3192	65.9497	78.7(15)	79.4865	68.3965
3193	65.9699	82.8(15)	79.9856	68.4070
3194	65.9899	80.4(15)	80.4057	68.4174
3195	66.0098	83.7(15)	80.7335	68.4277
3196	66.0298	80.0(15)	80.9581	68.4381
3197	66.0499	81.9(15)	81.0697	68.4485
3198	66.0699	81.7(15)	81.0665	68.4589
3199	66.0898	81.0(15)	80.9528	68.4693
3200	66.1099	80.7(15)	80.7382	68.4797
3201	66.1297	78.1(15)	80.4430	68.4900
3202	66.1497	76.8(15)	80.0791	68.5004
3203	66.1696	75.9(15)	79.6716	68.5107
3204	66.1896	76.6(15)	79.2348	68.5211
3205	66.2096	76.4(15)	78.7930	68.5315
3206	66.2297	72.6(14)	78.3586	68.5420
3207	66.2497	74.0(15)	77.9487	68.5524
3208	66.2696	73.1(14)	77.5736	68.5627
3209	66.2897	72.7(14)	77.2343	68.5731
3210	66.3097	73.3(15)	76.9406	68.5835
3211	66.3298	70.8(14)	76.6905	68.5940
3212	66.3496	72.4(14)	76.4886	68.6043
3213	66.3696	69.8(14)	76.3264	68.6147
3214	66.3897	72.6(14)	76.2019	68.6251
3215	66.4099	73.8(15)	76.1109	68.6356
3216	66.4299	75.8(15)	76.0496	68.6460
3217	66.4500	75.0(15)	76.0110	68.6564
3218	66.4701	73.2(14)	75.9917	68.6669
3219	66.4901	73.0(15)	75.9872	68.6773
3220	66.5101	75.9(15)	75.9938	68.6877
3221	66.5300	73.5(15)	76.0084	68.6980
3222	66.5499	73.8(15)	76.0277	68.7083
3223	66.5699	72.5(14)	76.0500	68.7187
3224	66.5898	73.9(15)	76.0717	68.7291
3225	66.6099	71.2(14)	76.0903	68.7395
3226	66.6299	74.4(15)	76.1014	68.7499
3227	66.6499	73.7(15)	76.1010	68.7603
3228	66.6698	73.5(15)	76.0862	68.7706
3229	66.6898	74.3(15)	76.0522	68.7810
3230	66.7098	76.4(15)	75.9951	68.7914
3231	66.7297	74.7(15)	75.9155	68.8018
3232	66.7496	75.0(15)	75.8128	68.8121
3233	66.7696	72.4(14)	75.6891	68.8225
3234	66.7897	72.7(14)	75.5466	68.8329
3235	66.8098	75.5(15)	75.3931	68.8434
3236	66.8298	72.4(14)	75.2344	68.8538
3237	66.8498	73.3(15)	75.0765	68.8642
3238	66.8699	69.5(14)	74.9257	68.8746
3239	66.8899	71.0(14)	74.7878	68.8850

3240	66.9101	71.5(14)	74.6666	68.8955
3241	66.9300	72.0(14)	74.5686	68.9058
3242	66.9500	73.8(15)	74.4934	68.9162
3243	66.9702	70.6(14)	74.4419	68.9267
3244	66.9901	70.2(14)	74.4147	68.9371
3245	67.0101	69.8(14)	74.4084	68.9475
3246	67.0302	71.0(14)	74.4202	68.9579
3247	67.0501	71.0(14)	74.4451	68.9682
3248	67.0700	70.5(14)	74.4781	68.9786
3249	67.0898	71.6(14)	74.5145	68.9889
3250	67.1100	73.2(14)	74.5479	68.9994
3251	67.1299	69.8(14)	74.5728	69.0097
3252	67.1500	71.7(14)	74.5842	69.0201
3253	67.1700	71.8(14)	74.5788	69.0305
3254	67.1900	72.3(14)	74.5542	69.0409
3255	67.2099	71.9(14)	74.5099	69.0513
3256	67.2299	70.6(14)	74.4469	69.0617
3257	67.2498	69.6(14)	74.3689	69.0720
3258	67.2696	71.2(14)	74.2807	69.0823
3259	67.2897	70.9(14)	74.1851	69.0927
3260	67.3098	71.3(14)	74.0826	69.0941
3261	67.3298	70.1(14)	73.9825	69.0893
3262	67.3498	70.6(14)	73.8962	69.0845
3263	67.3698	71.1(14)	73.8295	69.0798
3264	67.3899	70.6(14)	73.7869	69.0749
3265	67.4101	69.0(14)	73.7723	69.0701
3266	67.4299	72.9(14)	73.7872	69.0653
3267	67.4499	70.5(14)	73.8325	69.0605
3268	67.4699	71.4(14)	73.9070	69.0557
3269	67.4899	71.4(14)	74.0087	69.0509
3270	67.5099	72.7(14)	74.1347	69.0461
3271	67.5299	74.9(15)	74.2813	69.0413
3272	67.5498	71.4(14)	74.4435	69.0366
3273	67.5701	77.0(15)	74.6219	69.0317
3274	67.5900	75.3(15)	74.8060	69.0269
3275	67.6099	73.0(14)	74.9962	69.0222
3276	67.6299	74.8(15)	75.1916	69.0174
3277	67.6499	75.8(15)	75.3899	69.0126
3278	67.6698	76.5(15)	75.5897	69.0078
3279	67.6899	77.9(15)	75.7943	69.0030
3280	67.7098	75.0(15)	75.9997	68.9982
3281	67.7299	75.7(15)	76.2106	68.9934
3282	67.7499	72.5(14)	76.4236	68.9886
3283	67.7699	73.5(15)	76.6393	68.9838
3284	67.7899	75.0(15)	76.8565	68.9790
3285	67.8100	76.6(15)	77.0746	68.9742
3286	67.8299	77.4(15)	77.2872	68.9694
3287	67.8498	74.8(15)	77.4925	68.9646
3288	67.8697	76.5(15)	77.6863	68.9598
3289	67.8898	77.8(15)	77.8641	68.9550
3290	67.9098	77.9(15)	78.0177	68.9502
3291	67.9298	79.2(15)	78.1430	68.9454
3292	67.9499	74.7(15)	78.2364	68.9406
3293	67.9698	77.9(15)	78.2937	68.9358

3294	67.9899	77.1(15)	78.3156	68.9310
3295	68.0099	75.9(15)	78.3030	68.9262
3296	68.0298	76.6(15)	78.2597	68.9214
3297	68.0496	77.4(15)	78.1903	68.9167
3298	68.0697	78.0(15)	78.0988	68.9118
3299	68.0898	77.2(15)	77.9918	68.9070
3300	68.1098	73.7(15)	77.8758	68.9022
3301	68.1297	75.5(15)	77.7562	68.8975
3302	68.1496	76.5(15)	77.6368	68.8927
3303	68.1697	75.2(15)	77.5193	68.8879
3304	68.1898	74.9(15)	77.4063	68.8830
3305	68.2099	74.3(15)	77.3010	68.8782
3306	68.2300	73.3(14)	77.2038	68.8734
3307	68.2499	74.7(15)	77.1163	68.8686
3308	68.2699	70.1(14)	77.0383	68.8638
3309	68.2899	73.8(15)	76.9704	68.8590
3310	68.3099	71.1(14)	76.9137	68.8542
3311	68.3299	73.5(15)	76.8688	68.8494
3312	68.3498	74.0(15)	76.8356	68.8447
3313	68.3698	73.7(15)	76.8138	68.8399
3314	68.3897	76.0(15)	76.8036	68.8351
3315	68.4098	72.7(14)	76.8032	68.8303
3316	68.4297	74.3(15)	76.8098	68.8255
3317	68.4499	71.0(14)	76.8228	68.8206
3318	68.4700	75.6(15)	76.8381	68.8158
3319	68.4899	71.8(14)	76.8519	68.8111
3320	68.5098	72.5(14)	76.8609	68.8063
3321	68.5297	76.1(15)	76.8617	68.8015
3322	68.5497	74.2(15)	76.8517	68.7967
3323	68.5698	75.7(15)	76.8288	68.7919
3324	68.5898	76.7(15)	76.7939	68.7871
3325	68.6097	76.4(15)	76.7488	68.7823
3326	68.6298	76.7(15)	76.6972	68.7775
3327	68.6499	76.7(15)	76.6451	68.7727
3328	68.6701	77.0(15)	76.6004	68.7678
3329	68.6901	77.7(15)	76.5706	68.7630
3330	68.7100	76.7(15)	76.5628	68.7582
3331	68.7298	77.7(15)	76.5823	68.7535
3332	68.7498	75.6(15)	76.5987	68.7126
3333	68.7699	78.3(15)	76.6470	68.6672
3334	68.7900	75.9(15)	76.7320	68.6219
3335	68.8100	77.7(15)	76.8510	68.5767
3336	68.8301	76.8(15)	77.0006	68.5314
3337	68.8501	78.3(15)	77.1725	68.4862
3338	68.8700	77.5(15)	77.3570	68.4413
3339	68.8899	76.1(15)	77.5444	68.3964
3340	68.9101	79.7(15)	77.7249	68.3508
3341	68.9300	79.7(15)	77.8799	68.3059
3342	68.9499	81.6(15)	77.9984	68.2610
3343	68.9700	77.2(15)	78.0719	68.2156
3344	68.9901	79.9(15)	78.0867	68.1703
3345	69.0101	77.8(15)	78.0347	68.1251
3346	69.0299	81.0(15)	77.9126	68.0805
3347	69.0500	79.6(15)	77.7150	68.0351

3348	69.0699	79.6(15)	77.4477	67.9902
3349	69.0898	76.7(15)	77.1169	67.9453
3350	69.1100	81.8(15)	76.7249	67.8997
3351	69.1300	78.8(15)	76.2958	67.8545
3352	69.1501	78.0(15)	75.8390	67.8092
3353	69.1701	78.0(15)	75.3744	67.7640
3354	69.1902	76.3(15)	74.9146	67.7187
3355	69.2101	73.1(15)	74.4793	67.6738
3356	69.2300	73.3(15)	74.0760	67.6289
3357	69.2500	73.9(15)	73.7114	67.5837
3358	69.2699	76.7(15)	73.3954	67.5388
3359	69.2898	77.4(15)	73.1295	67.4939
3360	69.3100	73.7(15)	72.9111	67.4483
3361	69.3300	71.8(14)	72.7439	67.4032
3362	69.3500	73.9(15)	72.6216	67.3580
3363	69.3700	72.9(15)	72.5379	67.3129
3364	69.3900	71.9(14)	72.4859	67.2678
3365	69.4101	74.3(15)	72.4583	67.2224
3366	69.4301	73.5(15)	72.4478	67.1773
3367	69.4500	76.2(15)	72.4469	67.1323
3368	69.4700	73.0(15)	72.4499	67.0872
3369	69.4899	73.4(15)	72.4520	67.0423
3370	69.5100	74.0(15)	72.4494	66.9969
3371	69.5300	73.7(15)	72.4400	66.9518
3372	69.5500	71.9(14)	72.4233	66.9067
3373	69.5701	71.8(14)	72.3988	66.8613
3374	69.5902	71.7(14)	72.3684	66.8159
3375	69.6101	73.3(14)	72.3348	66.7710
3376	69.6301	71.6(14)	72.3013	66.7259
3377	69.6499	71.0(14)	72.2720	66.6812
3378	69.6700	74.0(15)	72.2496	66.6358
3379	69.6899	71.4(14)	72.2383	66.5909
3380	69.7099	71.5(14)	72.2401	66.5458
3381	69.7299	74.7(15)	72.2562	66.5006
3382	69.7499	72.6(14)	72.2862	66.4555
3383	69.7699	75.8(15)	72.3281	66.4104
3384	69.7899	75.1(15)	72.3786	66.3652
3385	69.8100	76.6(15)	72.4335	66.3199
3386	69.8299	74.3(15)	72.4869	66.2750
3387	69.8498	73.2(15)	72.5338	66.2301
3388	69.8698	73.4(15)	72.5688	66.1849
3389	69.8897	72.0(14)	72.5857	66.1400
3390	69.9098	72.6(14)	72.5809	66.0946
3391	69.9297	70.6(14)	72.5507	66.0497
3392	69.9498	71.8(14)	72.4914	66.0044
3393	69.9699	71.8(14)	72.4010	65.9590
3394	69.9898	71.2(14)	72.2749	65.9084
3395	70.0099	69.4(14)	72.1160	65.8573
3396	70.0298	69.3(14)	71.9307	65.8067
3397	70.0499	69.8(14)	71.7172	65.7555
3398	70.0699	68.5(14)	71.4832	65.7047
3399	70.0899	71.3(14)	71.2327	65.6538
3400	70.1098	68.8(14)	70.9730	65.6032
3401	70.1298	68.0(14)	70.7076	65.5523

3402	70.1497	68.1(14)	70.4456	65.5017
3403	70.1696	69.1(14)	70.1910	65.4511
3404	70.1896	68.4(14)	69.9477	65.4002
3405	70.2097	66.5(14)	69.7203	65.3491
3406	70.2298	67.7(14)	69.5135	65.2980
3407	70.2497	68.9(14)	69.3314	65.2474
3408	70.2696	67.3(14)	69.1730	65.1968
3409	70.2898	67.0(14)	69.0373	65.1454
3410	70.3097	69.6(14)	68.9285	65.0948
3411	70.3298	68.9(14)	68.8417	65.0437
3412	70.3497	65.0(14)	68.7775	64.9931
3413	70.3697	70.3(14)	68.7325	64.9422
3414	70.3897	63.3(13)	68.7059	64.8914
3415	70.4099	67.8(14)	68.6951	64.8400
3416	70.4299	66.0(14)	68.6982	64.7891
3417	70.4501	69.2(14)	68.7123	64.7377
3418	70.4701	68.2(14)	68.7390	64.6869
3419	70.4901	68.5(14)	68.7757	64.6360
3420	70.5101	66.1(14)	68.8235	64.5852
3421	70.5300	67.0(14)	68.8817	64.5345
3422	70.5501	67.6(14)	68.9517	64.4834
3423	70.5698	64.7(14)	69.0315	64.4333
3424	70.5898	66.3(14)	69.1239	64.3825
3425	70.6099	69.6(14)	69.2278	64.3313
3426	70.6300	66.4(14)	69.3426	64.2802
3427	70.6499	66.1(14)	69.4652	64.2296
3428	70.6698	69.0(14)	69.5951	64.1790
3429	70.6898	69.9(14)	69.7303	64.1281
3430	70.7098	68.6(14)	69.8671	64.0773
3431	70.7297	66.8(14)	70.0015	64.0267
3432	70.7496	67.1(14)	70.1301	63.9761
3433	70.7696	66.6(14)	70.2497	63.9252
3434	70.7897	67.9(14)	70.3569	63.8741
3435	70.8098	69.0(14)	70.4478	63.8230
3436	70.8298	68.9(14)	70.5197	63.7721
3437	70.8498	68.4(14)	70.5714	63.7212
3438	70.8699	67.4(14)	70.6027	63.6701
3439	70.8900	67.9(14)	70.6136	63.6190
3440	70.9099	69.4(14)	70.6055	63.5684
3441	70.9301	70.2(14)	70.5798	63.5170
3442	70.9500	68.4(14)	70.5391	63.4664
3443	70.9702	70.6(14)	70.4846	63.4150
3444	70.9901	68.1(14)	70.4183	63.3644
3445	71.0102	69.1(14)	70.3415	63.3133
3446	71.0302	65.6(14)	70.2552	63.2624
3447	71.0501	69.3(14)	70.1597	63.2118
3448	71.0700	64.4(14)	70.0550	63.1612
3449	71.0898	65.4(14)	69.9410	63.1108
3450	71.1100	67.3(14)	69.8165	63.0595
3451	71.1301	69.3(14)	69.6838	63.0084
3452	71.1500	68.0(14)	69.5450	62.9578
3453	71.1700	70.6(14)	69.3986	62.9069
3454	71.1900	67.6(14)	69.2463	62.8560
3455	71.2100	67.3(14)	69.0882	62.8052

3456	71.2299	67.4(14)	68.9259	62.7545
3457	71.2498	64.4(14)	68.7580	62.7039
3458	71.2696	68.9(14)	68.5852	62.6536
3459	71.2897	66.8(14)	68.4034	62.6025
3460	71.3098	63.6(14)	68.2146	62.5514
3461	71.3298	68.8(14)	68.0198	62.5005
3462	71.3499	66.7(14)	67.8215	62.4538
3463	71.3698	66.8(14)	67.6434	62.4329
3464	71.3899	65.3(14)	67.4575	62.4117
3465	71.4101	64.5(14)	67.2653	62.3905
3466	71.4299	65.0(14)	67.0733	62.3696
3467	71.4500	66.1(14)	66.8769	62.3485
3468	71.4699	65.5(14)	66.6835	62.3275
3469	71.4899	66.9(14)	66.4935	62.3064
3470	71.5099	64.1(14)	66.3113	62.2854
3471	71.5299	67.0(14)	66.1403	62.2643
3472	71.5499	65.3(14)	65.9850	62.2433
3473	71.5701	65.5(14)	65.8479	62.2220
3474	71.5900	65.9(14)	65.7355	62.2011
3475	71.6099	65.5(14)	65.6483	62.1801
3476	71.6300	65.6(14)	65.5875	62.1590
3477	71.6499	62.6(13)	65.5553	62.1380
3478	71.6698	64.7(14)	65.5509	62.1171
3479	71.6898	65.1(14)	65.5729	62.0960
3480	71.7099	64.1(14)	65.6197	62.0748
3481	71.7298	66.9(14)	65.6871	62.0539
3482	71.7499	63.7(14)	65.7722	62.0327
3483	71.7699	65.2(14)	65.8692	62.0117
3484	71.7899	65.9(14)	65.9733	61.9906
3485	71.8100	62.6(13)	66.0795	61.9695
3486	71.8299	64.5(14)	66.1806	61.9485
3487	71.8498	64.0(14)	66.2724	61.9276
3488	71.8698	65.3(14)	66.3512	61.9065
3489	71.8897	64.9(14)	66.4121	61.8856
3490	71.9098	64.1(14)	66.4538	61.8644
3491	71.9298	65.6(14)	66.4742	61.8433
3492	71.9499	65.5(14)	66.4735	61.8222
3493	71.9699	66.9(14)	66.4524	61.8011
3494	71.9899	64.7(14)	66.4134	61.7801
3495	72.0098	64.4(14)	66.3587	61.7591
3496	72.0298	65.5(14)	66.2904	61.7381
3497	72.0498	65.6(14)	66.2113	61.7170
3498	72.0697	65.8(14)	66.1245	61.6961
3499	72.0897	67.1(14)	66.0309	61.6750
3500	72.1098	67.5(14)	65.9343	61.6538
3501	72.1298	66.1(14)	65.8372	61.6328
3502	72.1496	64.8(14)	65.7422	61.6119
3503	72.1697	65.1(14)	65.6479	61.5908
3504	72.1899	65.4(14)	65.5571	61.5695
3505	72.2099	66.2(14)	65.4718	61.5485
3506	72.2300	64.9(14)	65.3911	61.5273
3507	72.2499	67.5(14)	65.3168	61.5063
3508	72.2699	67.3(14)	65.2476	61.4853
3509	72.2899	63.1(13)	65.1841	61.4642

3510	72.3099	65.1(14)	65.1262	61.4432
3511	72.3299	64.0(14)	65.0740	61.4221
3512	72.3498	64.3(14)	65.0274	61.4012
3513	72.3698	61.3(13)	64.9861	61.3801
3514	72.3897	66.6(14)	64.9504	61.3592
3515	72.4098	62.9(14)	64.9195	61.3380
3516	72.4298	63.7(14)	64.8940	61.3169
3517	72.4499	64.9(14)	64.8729	61.2958
3518	72.4700	67.1(14)	64.8565	61.2746
3519	72.4899	65.5(14)	64.8440	61.2537
3520	72.5099	64.9(14)	64.8346	61.2326
3521	72.5298	64.3(14)	64.8270	61.2117
3522	72.5497	66.4(14)	64.8202	61.1907
3523	72.5698	66.6(14)	64.8118	61.1696
3524	72.5897	68.0(14)	64.8010	61.1486
3525	72.6098	65.9(14)	64.7863	61.1274
3526	72.6298	64.4(14)	64.7669	61.1064
3527	72.6499	63.2(14)	64.7420	61.0852
3528	72.6701	63.6(14)	64.7117	61.0640
3529	72.6902	65.7(14)	64.6772	61.0428
3530	72.7100	64.7(14)	64.6400	61.0220
3531	72.7299	64.1(14)	64.6010	61.0010
3532	72.7499	63.2(14)	64.5621	60.9800
3533	72.7699	64.4(14)	64.5247	60.9589
3534	72.7899	65.3(14)	64.4897	60.9378
3535	72.8101	66.1(14)	64.4580	60.9166
3536	72.8301	63.2(14)	64.4324	60.8955
3537	72.8501	63.7(14)	64.4124	60.8745
3538	72.8699	62.4(13)	64.3988	60.8536
3539	72.8900	65.0(14)	64.3917	60.8325
3540	72.9100	64.4(14)	64.3904	60.8114
3541	72.9301	64.3(14)	64.3962	60.7902
3542	72.9499	64.8(14)	64.4085	60.7694
3543	72.9700	61.5(13)	64.4265	60.7482
3544	72.9900	63.4(14)	64.4518	60.7272
3545	73.0100	65.5(14)	64.4833	60.7061
3546	73.0300	65.1(14)	64.5211	60.6851
3547	73.0499	62.3(13)	64.5650	60.6641
3548	73.0699	64.6(14)	64.6156	60.6431
3549	73.0898	65.7(14)	64.6731	60.6221
3550	73.1099	64.9(14)	64.7384	60.6010
3551	73.1300	65.2(14)	64.8122	60.5798
3552	73.1501	66.9(14)	64.8961	60.5602
3553	73.1701	64.4(14)	64.9976	60.5488
3554	73.1902	64.0(14)	65.1097	60.5373
3555	73.2101	65.8(14)	65.2312	60.5259
3556	73.2301	65.6(14)	65.3640	60.5145
3557	73.2499	66.6(14)	65.5050	60.5032
3558	73.2699	65.9(14)	65.6566	60.4918
3559	73.2898	65.7(14)	65.8148	60.4805
3560	73.3099	66.2(14)	65.9800	60.4690
3561	73.3300	66.2(14)	66.1479	60.4576
3562	73.3499	68.8(14)	66.3135	60.4462
3563	73.3700	65.3(14)	66.4768	60.4347

3564	73.3900	65.0(14)	66.6314	60.4233
3565	73.4099	65.5(14)	66.7731	60.4120
3566	73.4301	66.5(14)	66.9002	60.4005
3567	73.4500	66.8(14)	67.0046	60.3891
3568	73.4699	68.5(14)	67.0844	60.3778
3569	73.4899	64.4(14)	67.1364	60.3663
3570	73.5100	67.4(14)	67.1572	60.3549
3571	73.5300	67.0(14)	67.1443	60.3435
3572	73.5499	66.5(14)	67.0974	60.3321
3573	73.5701	66.0(14)	67.0148	60.3206
3574	73.5902	66.3(14)	66.8992	60.3091
3575	73.6101	66.1(14)	66.7546	60.2978
3576	73.6301	63.8(14)	66.5831	60.2864
3577	73.6499	66.9(14)	66.3929	60.2751
3578	73.6699	66.3(14)	66.1848	60.2637
3579	73.6899	63.8(14)	65.9675	60.2523
3580	73.7099	60.8(13)	65.7474	60.2408
3581	73.7299	63.6(14)	65.5302	60.2294
3582	73.7499	63.4(14)	65.3214	60.2180
3583	73.7699	64.4(14)	65.1260	60.2066
3584	73.7900	61.8(13)	64.9468	60.1952
3585	73.8100	63.3(14)	64.7881	60.1837
3586	73.8299	64.3(14)	64.6512	60.1724
3587	73.8498	64.7(14)	64.5354	60.1610
3588	73.8698	64.2(14)	64.4410	60.1496
3589	73.8898	62.2(13)	64.3666	60.1382
3590	73.9097	62.2(13)	64.3104	60.1269
3591	73.9297	64.1(14)	64.2695	60.1155
3592	73.9497	64.7(14)	64.2410	60.1041
3593	73.9699	62.7(13)	64.2221	60.0925
3594	73.9899	62.4(13)	64.2101	60.0811
3595	74.0099	64.1(14)	64.2018	60.0697
3596	74.0298	63.9(14)	64.1944	60.0584
3597	74.0499	63.0(14)	64.1867	60.0469
3598	74.0699	62.6(13)	64.1760	60.0355
3599	74.0899	62.3(13)	64.1608	60.0241
3600	74.1099	64.8(14)	64.1394	60.0127
3601	74.1298	60.8(13)	64.1106	60.0013
3602	74.1497	61.0(13)	64.0735	59.9900
3603	74.1696	63.2(14)	64.0276	59.9786
3604	74.1896	61.8(13)	63.9725	59.9672
3605	74.2097	65.5(14)	63.9085	59.9557
3606	74.2298	60.5(13)	63.8365	59.9443
3607	74.2497	63.6(14)	63.7588	59.9329
3608	74.2696	60.3(13)	63.6758	59.9216
3609	74.2897	62.2(13)	63.5890	59.9101
3610	74.3097	61.9(13)	63.5010	59.8987
3611	74.3297	60.3(13)	63.4135	59.8873
3612	74.3497	63.2(14)	63.3290	59.8759
3613	74.3697	60.9(13)	63.2490	59.8645
3614	74.3897	60.6(13)	63.1757	59.8531
3615	74.4099	61.2(13)	63.1102	59.8415
3616	74.4299	61.6(13)	63.0548	59.8301
3617	74.4501	61.9(13)	63.0099	59.8186

3618	74.4701	62.0(13)	62.9771	59.8072
3619	74.4901	63.3(14)	62.9565	59.7958
3620	74.5101	63.1(14)	62.9481	59.7844
3621	74.5300	61.9(13)	62.9517	59.7730
3622	74.5501	61.3(13)	62.9671	59.7616
3623	74.5698	60.2(13)	62.9932	59.7503
3624	74.5898	59.1(13)	63.0254	59.7346
3625	74.6099	61.4(13)	63.0615	59.7135
3626	74.6299	61.5(13)	63.1055	59.6925
3627	74.6499	62.1(13)	63.1563	59.6714
3628	74.6698	62.5(14)	63.2120	59.6505
3629	74.6898	62.0(13)	63.2723	59.6295
3630	74.7098	65.2(14)	63.3357	59.6084
3631	74.7297	63.7(14)	63.4011	59.5875
3632	74.7497	63.7(14)	63.4685	59.5665
3633	74.7696	62.5(13)	63.5371	59.5455
3634	74.7897	62.8(14)	63.6074	59.5244
3635	74.8098	62.0(13)	63.6783	59.5032
3636	74.8298	61.6(13)	63.7496	59.4822
3637	74.8498	62.3(14)	63.8204	59.4612
3638	74.8699	61.2(13)	63.8911	59.4400
3639	74.8899	62.9(13)	63.9607	59.4190
3640	74.9100	64.1(14)	64.0297	59.3979
3641	74.9301	61.3(13)	64.0969	59.3767
3642	74.9500	63.4(14)	64.1617	59.3558
3643	74.9702	62.0(13)	64.2246	59.3345
3644	74.9901	62.5(14)	64.2826	59.3136
3645	75.0101	61.1(13)	64.3354	59.2926
3646	75.0302	61.6(13)	64.3805	59.2714
3647	75.0502	63.8(14)	64.4148	59.2504
3648	75.0699	64.8(14)	64.4357	59.2297
3649	75.0899	63.6(14)	64.4409	59.2086
3650	75.1100	64.0(14)	64.4274	59.1875
3651	75.1300	64.3(14)	64.3933	59.1665
3652	75.1501	65.3(14)	64.3372	59.1453
3653	75.1700	64.1(14)	64.2599	59.1244
3654	75.1900	63.8(14)	64.1610	59.1033
3655	75.2099	65.2(14)	64.0433	59.0824
3656	75.2299	63.2(14)	63.9088	59.0614
3657	75.2498	62.6(14)	63.7613	59.0404
3658	75.2697	62.1(13)	63.6047	59.0195
3659	75.2897	62.2(13)	63.4420	58.9985
3660	75.3098	60.7(13)	63.2772	58.9773
3661	75.3298	63.6(14)	63.1155	58.9563
3662	75.3499	63.4(14)	62.9603	58.9352
3663	75.3698	64.6(14)	62.8166	58.9142
3664	75.3899	61.4(13)	62.6837	58.8931
3665	75.4101	59.9(13)	62.5644	58.8718
3666	75.4299	60.2(13)	62.4630	58.8510
3667	75.4499	60.0(13)	62.3775	58.8300
3668	75.4700	60.5(13)	62.3081	58.8088
3669	75.4899	60.3(13)	62.2547	58.7879
3670	75.5099	60.2(13)	62.2154	58.7669
3671	75.5299	60.0(13)	62.1892	58.7458

3672	75.5499	61.8(13)	62.1739	58.7248
3673	75.5701	63.5(14)	62.1674	58.7036
3674	75.5901	59.9(13)	62.1674	58.6825
3675	75.6099	61.0(13)	62.1716	58.6617
3676	75.6299	60.1(13)	62.1777	58.6407
3677	75.6499	61.3(13)	62.1833	58.6196
3678	75.6698	59.5(13)	62.1861	58.5987
3679	75.6898	58.7(13)	62.1841	58.5777
3680	75.7099	59.6(13)	62.1750	58.5565
3681	75.7298	59.6(13)	62.1573	58.5356
3682	75.7499	60.3(13)	62.1290	58.5144
3683	75.7699	58.1(13)	62.0892	58.4934
3684	75.7899	62.1(13)	62.0371	58.4724
3685	75.8100	60.7(13)	61.9717	58.4512
3686	75.8299	62.3(13)	61.8945	58.4303
3687	75.8498	61.0(13)	61.8055	58.4094
3688	75.8698	59.5(13)	61.7052	58.3883
3689	75.8897	60.6(13)	61.5963	58.3674
3690	75.9098	60.1(13)	61.4792	58.3463
3691	75.9298	60.8(13)	61.3577	58.3252
3692	75.9499	61.4(13)	61.2331	58.3041
3693	75.9699	60.9(13)	61.1090	58.2830
3694	75.9898	60.5(13)	60.9874	58.2621
3695	76.0099	60.1(13)	60.8686	58.2410
3696	76.0298	57.9(13)	60.7567	58.2200
3697	76.0498	57.7(13)	60.6516	58.1990
3698	76.0697	62.1(13)	60.5554	58.1781
3699	76.0897	59.0(13)	60.4679	58.1570
3700	76.1098	60.2(13)	60.3899	58.1359
3701	76.1298	60.9(13)	60.3222	58.1149
3702	76.1497	61.7(13)	60.2648	58.0939
3703	76.1697	59.3(13)	60.2164	58.0729
3704	76.1899	61.9(14)	60.1766	58.0516
3705	76.2099	59.5(13)	60.1457	58.0306
3706	76.2301	60.0(13)	60.1219	58.0094
3707	76.2499	61.2(13)	60.1200	58.0031
3708	76.2698	59.9(13)	60.1412	58.0143
3709	76.2899	62.0(13)	60.1684	58.0256
3710	76.3099	63.7(14)	60.2006	58.0368
3711	76.3301	62.1(13)	60.2383	58.0482
3712	76.3498	61.1(13)	60.2804	58.0593
3713	76.3697	58.1(13)	60.3286	58.0705
3714	76.3897	57.4(13)	60.3831	58.0818
3715	76.4098	59.9(13)	60.4444	58.0931
3716	76.4298	61.8(13)	60.5120	58.1044
3717	76.4499	61.2(13)	60.5868	58.1157
3718	76.4699	60.8(13)	60.6675	58.1269
3719	76.4899	60.0(13)	60.7541	58.1382
3720	76.5098	59.4(13)	60.8450	58.1494
3721	76.5298	59.3(13)	60.9401	58.1607
3722	76.5497	57.5(13)	61.0371	58.1719
3723	76.5698	62.6(13)	61.1358	58.1832
3724	76.5897	59.4(13)	61.2325	58.1944
3725	76.6098	64.8(14)	61.3279	58.2057

3726	76.6298	62.6(13)	61.4186	58.2170
3727	76.6499	60.5(13)	61.5040	58.2283
3728	76.6700	60.8(13)	61.5821	58.2396
3729	76.6901	59.5(13)	61.6530	58.2509
3730	76.7101	59.9(13)	61.7151	58.2622
3731	76.7298	59.8(13)	61.7678	58.2733
3732	76.7499	58.8(13)	61.8132	58.2846
3733	76.7698	59.5(13)	61.8503	58.2958
3734	76.7899	63.4(14)	61.8809	58.3071
3735	76.8101	62.3(13)	61.9056	58.3185
3736	76.8301	59.8(13)	61.9251	58.3297
3737	76.8501	58.6(13)	61.9408	58.3410
3738	76.8700	61.0(13)	61.9539	58.3522
3739	76.8899	61.5(13)	61.9644	58.3634
3740	76.9100	60.2(13)	61.9737	58.3747
3741	76.9301	61.1(13)	61.9814	58.3860
3742	76.9499	61.2(13)	61.9873	58.3972
3743	76.9699	61.6(13)	61.9907	58.4085
3744	76.9901	64.3(14)	61.9911	58.4198
3745	77.0099	62.6(14)	61.9879	58.4310
3746	77.0301	59.5(13)	61.9795	58.4423
3747	77.0499	60.4(13)	61.9658	58.4535
3748	77.0698	62.1(13)	61.9458	58.4647
3749	77.0898	63.2(13)	61.9196	58.4760
3750	77.1099	61.6(13)	61.8876	58.4873
3751	77.1300	59.6(13)	61.8510	58.4986
3752	77.1501	61.0(13)	61.8116	58.5099
3753	77.1701	60.3(13)	61.7717	58.5212
3754	77.1902	63.7(14)	61.7336	58.5325
3755	77.2101	60.8(13)	61.7005	58.5437
3756	77.2301	60.6(13)	61.6748	58.5550
3757	77.2499	62.2(13)	61.6594	58.5661
3758	77.2699	60.3(13)	61.6564	58.5774
3759	77.2898	63.8(14)	61.6682	58.5886
3760	77.3099	61.1(13)	61.6964	58.5999
3761	77.3299	61.3(13)	61.7421	58.6111
3762	77.3500	61.7(13)	61.8061	58.6225
3763	77.3700	61.6(13)	61.8882	58.6337
3764	77.3901	62.7(13)	61.9884	58.6450
3765	77.4098	62.6(14)	62.1020	58.6561
3766	77.4301	61.8(13)	62.2333	58.6676
3767	77.4499	61.5(13)	62.3727	58.6787
3768	77.4701	64.0(14)	62.5230	58.6901
3769	77.4898	62.4(14)	62.6739	58.7012
3770	77.5099	61.5(13)	62.8281	58.7125
3771	77.5301	59.2(13)	62.9792	58.7239
3772	77.5498	62.1(13)	63.1212	58.7366
3773	77.5701	64.3(14)	63.2562	58.7502
3774	77.5901	59.6(13)	63.3752	58.7636
3775	77.6101	64.6(14)	63.4778	58.7769
3776	77.6301	61.7(13)	63.5629	58.7903
3777	77.6500	64.4(14)	63.6295	58.8036
3778	77.6699	62.3(13)	63.6783	58.8169
3779	77.6899	62.7(14)	63.7106	58.8303

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3781	77.7299	63.6(14)	63.7320	58.8570
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7  1  0 4 1 o    8755.2158    7104.9873 180.41  1.89983
2  9  2 8 1 o     529.1152     402.5521   0.08  1.89911
0 10  2 4 1 o      21.2213      17.7650   0.08  1.88736
3 13  0 4 1 o    4554.4258    4023.1973   0.38  1.88439
3  8  2 8 1 o     470.6507     427.3938 180.11  1.88256
4  6  2 8 1 o    2680.5427    2547.1189 179.91  1.87885
3 12  1 8 1 o    2344.3589    2256.9553   0.31  1.87824
5  0  2 4 1 o    6881.0083    6800.4058 180.19  1.87411
5  1  2 8 1 o     601.5843     615.5568 179.56  1.86963
1 10  2 8 1 o      57.7212      61.4245   0.18  1.86873
4 12  0 4 1 o    4126.4102    4400.9292 359.79  1.86718
5  9  1 8 1 o    5063.5059    5425.6597   0.23  1.86540
6  6  1 8 1 o    4636.8184    4941.1714 180.38  1.86415
7  3  0 4 1 o     127.7427     136.0690   1.74  1.86342
2 13  1 8 1 o      48.7338      53.7800   0.10  1.85856
6  8  0 4 1 o    2799.2351    3023.4309 180.10  1.85689
5  2  2 8 1 o    1122.6564    1193.1359   0.25  1.85637
2 14  0 4 1 o     134.3587     145.2565 359.83  1.85571
4 11  1 8 1 o     138.8274     146.6253   0.22  1.85245
5  3  2 8 1 o     863.4655     893.1578 180.46  1.83489
4  7  2 8 1 o    1854.9907    1629.6414   0.40  1.82256
2 10  2 8 1 o      42.1640      42.2957 180.28  1.81597
3  9  2 8 1 o     831.3982     996.7932   0.14  1.80953
6  7  1 8 1 o     991.2377    1129.7584 180.13  1.80913
5 11  0 4 1 o    6591.3896    7880.9839 180.29  1.80765
5  4  2 8 1 o     766.6259     871.0633   0.19  1.80604
1 14  1 8 1 o     107.4895     116.7946   0.35  1.79744
7  5  0 4 1 o    1636.9011    1747.0575 180.73  1.79646
7  1  1 8 1 o     155.2145     158.7636 179.82  1.78722
1 15  0 4 1 o    1867.5884    1879.8943   0.15  1.78701
5 10  1 8 1 o     555.2314     561.2095 179.56  1.78643
1 11  2 8 1 o     525.2393     550.2844   0.00  1.78158
7  2  1 8 1 o     312.2143     331.6762 180.42  1.77563
3 13  1 8 1 o     147.0762     161.5818   0.07  1.77435
5  5  2 8 1 o    1770.0295    1871.6250   0.45  1.77086
4  8  2 8 1 o     237.4044     240.8661   0.26  1.76350
4 12  1 8 1 o     229.2591     230.1436   1.10  1.75996
7  3  1 8 1 o      26.8289      26.6869 177.84  1.75681
0  1  3 4 1 o       4.3676       4.3847 359.15  1.75279
6  8  1 8 1 o   13165.0791   12888.6328   0.46  1.75133
2 14  1 8 1 o    2622.3081    2573.2458   0.41  1.75035
1  1  3 8 1 o     114.2697      97.7052 180.24  1.73783
3 10  2 8 1 o     181.9687     156.1335   0.10  1.73718
2 11  2 8 1 o      17.5455      14.8992   2.17  1.73569
7  4  1 8 1 o    1517.6216    1311.2257 180.47  1.73143
5  6  2 8 1 o   10217.2363    8778.9932   0.03  1.73053
1  2  3 8 1 o      20.3313      17.1176   1.18  1.72717
0  3  3 4 1 o   20077.2656   16906.0078   0.37  1.72407
6 10  0 4 1 o     228.7431     199.7600 180.28  1.71695
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0 12  2 4 1 o    4426.2842    3956.6389 180.36  1.71280
5 11  1 8 1 o    1093.8055    1013.0583 180.32  1.70984
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7  7  0 4 1 o     336.6495     316.4429 181.00  1.70831
0 15  1 4 1 o    3924.1848    3780.4580   0.37  1.70615
4  9  2 8 1 o     421.7939     414.9458 180.08  1.70305
7  5  1 8 1 o      86.4369      85.2831 179.61  1.70036
1 12  2 8 1 o    6970.8672    7034.6250   0.40  1.69884
6  0  2 4 1 o   24217.6875   23935.2773 180.19  1.69857
6  1  2 8 1 o   12989.0303   12921.0791 180.41  1.69523
2  1  3 8 1 o      10.0476      10.1394 180.68  1.69516
1 15  1 8 1 o   14038.8867   14156.5605   0.35  1.69234
6  9  1 8 1 o   13764.9590   13816.3164 180.20  1.69208
0 16  0 2 1 o    8780.1152    8832.8770 180.25  1.69058
1  4  3 8 1 o    1244.0486    1249.1162   0.37  1.68641
5  7  2 8 1 o    2758.3904    2753.2800   0.30  1.68625
6  2  2 8 1 o    1373.2222    1366.4222   0.17  1.68533
2  2  3 8 1 o      83.7333      83.6924 179.98  1.68526
3 14  1 8 1 o    2016.9752    1990.8533 180.38  1.67947
4 13  1 8 1 o      81.2749      81.6565   0.35  1.67362
4 14  0 4 1 o     618.0706     628.4673   0.36  1.67154
3 15  0 4 1 o    2726.2458    2781.4702 180.32  1.67095
0  5  3 4 1 o      49.1101      50.4040 180.50  1.67063
6  3  2 8 1 o    6653.2886    6774.9048   0.26  1.66921
2  3  3 8 1 o   12069.5088   12482.2510 180.32  1.66914
3 11  2 8 1 o     307.9124     321.9120   0.56  1.66651
8  0  0 2 1 o      17.6138      18.0794 354.59  1.66647
7  6  1 8 1 o    1842.6267    1898.5255   0.33  1.66457
2 12  2 8 1 o   11375.2734   11694.3447   0.28  1.65891
1  5  3 8 1 o     126.1086     128.5298 180.60  1.65766
8  2  0 4 1 o     549.2599     544.1977 359.78  1.65396
2 15  1 8 1 o    1579.8820    1551.8644 180.41  1.65286
6  4  2 8 1 o      82.9591      80.6134   0.64  1.64739
2  4  3 8 1 o      99.8271      95.5998   0.25  1.64733
4 10  2 8 1 o     101.1805      98.5888   0.17  1.64232
5 13  0 4 1 o    6397.7593    6298.3984 180.43  1.64036
5  8  2 8 1 o      83.2759      82.3362   0.32  1.63915
2 16  0 4 1 o    1868.4399    1854.9858 180.23  1.63870
5 12  1 8 1 o     457.1239     457.7580   0.16  1.63630
6 10  1 8 1 o    9224.0947    9228.6211   0.47  1.63248
3  1  3 8 1 o       0.1339       0.1336 176.52  1.63054
7  7  1 8 1 o     627.6560     609.9398   0.42  1.62505
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3  2  3 8 1 o    1618.1012    1552.1375 180.42  1.62172
1 13  2 8 1 o     131.2068     125.3179 180.31  1.62080
6  5  2 8 1 o    5293.2612    5071.5894 180.44  1.62057
2  5  3 8 1 o      59.7465      57.0417 180.15  1.62051
8  4  0 4 1 o       0.9279       0.8830 188.89  1.61806
7  9  0 4 1 o    2952.4036    2759.3140 180.12  1.60873
3  3  3 8 1 o      98.8865      92.2680 180.55  1.60734
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3 12  2 8 1 o    6869.9150    6528.4023 180.31  1.59820
1 16  1 8 1 o    1861.1735    1769.8705   0.27  1.59815
4 14  1 8 1 o    2907.7375    2824.8882 180.59  1.59330
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3 15  1 8 1 o    9058.8809    8828.1221 180.32  1.59279
5  9  2 8 1 o     212.3769     209.8574 179.98  1.59027
6  6  2 8 1 o    4089.7422    4041.1809   0.09  1.58949
2  6  3 8 1 o    1209.8298    1209.8197 180.26  1.58944
3  4  3 8 1 o    1984.4261    1994.8812 180.52  1.58784
1  7  3 8 1 o     954.9154     968.1309 180.29  1.58766
8  1  1 8 1 o     367.1522     365.4427   0.10  1.58617
2 13  2 8 1 o     631.7808     644.4007   0.55  1.58602
7  8  1 8 1 o   31101.5098   31200.6289 180.29  1.58277
6 12  0 4 1 o   20982.6406   21192.5977 180.13  1.58241
4 11  2 8 1 o     965.4678     976.5392 180.50  1.58222
1 17  0 4 1 o   50897.7305   50995.0586 180.23  1.57992
8  2  1 8 1 o     499.5602     490.2138 180.51  1.57805
6 11  1 8 1 o    1882.3806    1802.3191   0.28  1.57341
5 13  1 8 1 o       3.3161       2.9476 358.25  1.56623
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2 16  1 8 1 o    1021.6588     898.9114   0.34  1.56478
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1 14  2 8 1 o     136.6414     136.1678   0.00  1.54753
8  4  1 8 1 o    3528.0481    3444.4009 180.41  1.54678
4  2  3 8 1 o     588.0391     576.7276 180.16  1.54374
7  0  2 4 1 o      63.9562      61.7922 182.76  1.54350
7  1  2 8 1 o   30039.2461   28647.5410 180.30  1.54099
5 10  2 8 1 o       4.6513       4.4899 180.95  1.54049
7  9  1 8 1 o    1554.6708    1464.0448   0.67  1.53862
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7  2  2 8 1 o    1076.7002     950.6948 180.36  1.53354
3 13  2 8 1 o     716.4745     608.0410   0.58  1.53272
4  3  3 8 1 o   10275.2168    8699.8828   0.28  1.53132
8  5  1 8 1 o      19.7750      17.1534 180.36  1.52451
4 12  2 8 1 o    2355.4131    2040.7327 180.23  1.52341
0 17  1 4 1 o     829.3588     720.7088   0.33  1.52321
7  3  2 8 1 o   16785.1602   15067.2842   0.28  1.52137
4 15  1 8 1 o     745.7693     690.8157   0.38  1.51872
6  8  2 8 1 o     436.6030     405.2824   0.39  1.51781
2  8  3 8 1 o     196.7897     184.9047   0.31  1.51776
2 14  2 8 1 o     498.8461     470.7426 180.40  1.51717
0  9  3 4 1 o  115829.0469  110014.2109   0.35  1.51649
6 12  1 8 1 o    4214.6411    3988.7947 180.41  1.51554
4  4  3 8 1 o      78.7745      74.7338 359.77  1.51443
3 16  1 8 1 o     181.8404     173.7557   0.08  1.51352
1 17  1 8 1 o      25.9583      24.8054 180.32  1.51336
4 16  0 4 1 o    1439.7886    1333.8345 180.28  1.50771
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7 11  0 4 1 o    1020.4954     941.2946   0.52  1.50573
7  4  2 8 1 o     235.2430     220.1817 180.48  1.50480
3  7  3 8 1 o     331.3826     303.2976 179.83  1.50460
0 18  0 2 1 o  100175.9766   93240.2969 180.36  1.50274
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5 14  1 8 1 o      792.7317     768.4811    0.57  1.49981
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3 17  0 4 1 o      274.7999     275.0147    1.41  1.49801
8  8  0 4 1 o        1.2471       1.2907  353.52  1.49477
5 15  0 4 1 o     3240.0110    3424.0022    0.39  1.49374
4  5  3 8 1 o      820.2257     862.7921  180.29  1.49351
7 10  1 8 1 o     9038.0703    9479.7393  180.34  1.49340
5 11  2 8 1 o      259.6502     277.4346  180.59  1.49056
2 17  1 8 1 o     1870.6938    2023.7289    0.23  1.48493
7  5  2 8 1 o     4740.6753    4994.0273  180.35  1.48427
9  1  0 4 1 o     6351.9204    6492.9443    0.52  1.47909
1 15  2 8 1 o      807.5908     845.9954    0.24  1.47893
6  9  2 8 1 o      727.5753     746.0744    0.10  1.47875
2  9  3 8 1 o     2194.4524    2293.2498  359.28  1.47870
3  8  3 8 1 o        3.7348       3.4368  190.77  1.47085
3 14  2 8 1 o       39.5679      36.1972  179.70  1.47031
8  7  1 8 1 o     1675.3503    1548.9805  180.39  1.46952
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4 13  2 8 1 o     1305.2717    1181.4611  180.65  1.46638
2 18  0 4 1 o      746.2525     676.9596  178.40  1.46595
5  1  3 8 1 o       50.4409      46.1054  180.21  1.46466
1 10  3 8 1 o    12391.8262   11219.7988    0.28  1.46423
9  3  0 4 1 o       78.5274      71.8599  183.43  1.46171
7  6  2 8 1 o     9377.5020    8572.6475  180.21  1.46028
6 13  1 8 1 o       29.1661      26.4809    1.09  1.45936
5  2  3 8 1 o     1216.6870    1106.1948    0.55  1.45826
6 14  0 4 1 o        0.5755       0.5197  354.92  1.45798
2 15  2 8 1 o       48.8199      43.9351  180.73  1.45236
4 16  1 8 1 o      760.5157     711.2061  180.54  1.44955
7 11  1 8 1 o       84.7835      81.4750    0.83  1.44778
5  3  3 8 1 o       88.8638      85.3886  179.91  1.44778
4  7  3 8 1 o       88.2772      91.3204    0.33  1.44170
5 12  2 8 1 o      116.7969     121.1934    0.49  1.44109
3 17  1 8 1 o      353.3441     368.7039    0.19  1.44091
6 10  2 8 1 o        2.9002       2.9844  181.39  1.43847
2 10  3 8 1 o       20.8593      21.9396  179.67  1.43843
8  8  1 8 1 o    15269.4561   15611.6211  180.34  1.43804
5 15  1 8 1 o     1677.4875    1728.8193    0.22  1.43712
1 18  1 8 1 o       64.4519      66.2855    0.40  1.43671
3  9  3 8 1 o        7.8454       7.9667  183.08  1.43522
5  4  3 8 1 o     4171.8589    4122.1519    0.54  1.43348
7  7  2 8 1 o      108.3230     106.8154  180.51  1.43338
0 11  3 4 1 o     1302.2803    1227.2792  180.28  1.42930
9  5  0 4 1 o      830.7080     788.6116    0.75  1.42871
9  1  1 8 1 o      553.2598     517.5800  180.21  1.42405
0 16  2 4 1 o     2982.3826    2745.2937    0.28  1.42286
1 11  3 8 1 o     1324.9609    1214.4863  180.32  1.42115
8 10  0 4 1 o      620.0169     574.0172    0.27  1.41882
9  2  1 8 1 o      305.9376     286.2982    0.28  1.41817
5  5  3 8 1 o       19.6008      18.4582  180.36  1.41570
1 19  0 4 1 o     3409.1265    3192.7424  180.31  1.41560
1 16  2 8 1 o     1424.5360    1335.8158    0.27  1.41482
2 18  1 8 1 o       62.7406      61.3598  180.11  1.41231
4  8  3 8 1 o      151.5710     149.1788  180.51  1.41193
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4 14  2 8 1 o      42.6933     42.3766   0.51  1.41145
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9  3  1 8 1 o      93.7058     95.4963 182.44  1.40852
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8  1  2 8 1 o   13651.2812  14048.8711   0.31  1.40649
6 14  1 8 1 o    3429.8079   3633.9988   0.56  1.40519
7 13  0 4 1 o    4769.9111   5049.3066   0.39  1.40487
8  9  1 8 1 o   29742.7285  31190.0254 180.30  1.40468
7  8  2 8 1 o       0.5033      0.5261 356.17  1.40411
7 12  1 8 1 o    3636.3931   3816.1191   0.33  1.40232
8  2  2 8 1 o      19.8386     20.3645 180.80  1.40082
3 10  3 8 1 o    1130.3074   1152.6289 180.78  1.39831
6 11  2 8 1 o      65.2928     65.9756   1.65  1.39757
2 11  3 8 1 o     994.6795   1006.3851 180.10  1.39753
9  4  1 8 1 o     116.8663    116.1489   0.53  1.39534
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5 13  2 8 1 o       8.1738      7.9712 184.37  1.39253
8  3  2 8 1 o    4889.3462   4765.8662 180.34  1.39152
2 16  2 8 1 o    1878.0430   1816.7308   0.29  1.39151
4 17  1 8 1 o      53.9650     50.9359   0.81  1.38539
9  7  0 4 1 o      28.2413     27.1156 179.59  1.38316
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9  5  1 8 1 o     101.7064    100.5508 180.26  1.37893
8  4  2 8 1 o       3.7430      3.7083   0.78  1.37881
5 16  1 8 1 o     807.2637    800.6003   0.52  1.37809
1 12  3 8 1 o    2804.1992   2774.2578 180.29  1.37808
6  1  3 8 1 o     158.8497    161.1420 180.03  1.37615
0 19  1 4 1 o     155.9511    162.1983 180.15  1.37437
3 18  1 8 1 o     198.7061    206.9401   0.27  1.37428
7  9  2 8 1 o    1422.2955   1493.1204   0.15  1.37302
5  7  3 8 1 o     143.1054    153.1023 180.23  1.37134
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8 10  1 8 1 o    6805.9766   7334.9858 180.39  1.37002
4 18  0 4 1 o    2616.6643   2847.6545 180.87  1.36993
1 19  1 8 1 o      18.5078     20.3562 180.19  1.36713
5 17  0 4 1 o   14292.0205  15717.2891 180.61  1.36634
8  5  2 8 1 o    3763.5444   4038.2598   0.38  1.36296
6  3  3 8 1 o       1.8861      2.0228 176.04  1.36212
3 11  3 8 1 o      80.1258     86.7723 179.52  1.36065
9  6  1 8 1 o      18.9804     19.9784 181.65  1.35963
4 15  2 8 1 o      88.7161     93.4772 179.24  1.35882
7 13  1 8 1 o     108.6798    111.9793 179.63  1.35746
6 12  2 8 1 o     320.6965    326.4225   0.19  1.35654
2 12  3 8 1 o     516.7427    524.0449 180.36  1.35651
3 19  0 4 1 o    4837.5669   4869.9038   0.49  1.35577
3 16  2 8 1 o       9.9973      9.9529 359.48  1.35509
1 17  2 8 1 o     215.3626    213.8339   0.63  1.35498
6 15  1 8 1 o      31.0949     30.6641 179.62  1.35323
0 20  0 2 1 o    8565.9922   8432.9551   0.26  1.35246
6  4  3 8 1 o      57.2683     56.7855   0.54  1.35019
4 10  3 8 1 o      86.1465     85.7005 180.47  1.34739
2 19  1 8 1 o     121.0380    120.9936   0.15  1.34606
5  8  3 8 1 o   11978.0059  11993.9268   0.64  1.34564
6 16  0 4 1 o    2485.8669   2490.8081 180.44  1.34542
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 5 14  2 8 1 o      0.6387      0.6405 185.09  1.34523
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 0 13  3 4 1 o    200.6056    203.6675   0.23  1.34218
 7 10  2 8 1 o    184.3476    187.2616 179.90  1.34060
 8 12  0 4 1 o   7360.7900   7493.1597   0.29  1.34002
 9  7  1 8 1 o    192.0229    196.2220 180.55  1.33784
 1 13  3 8 1 o    179.8852    187.2751 180.41  1.33543
 6  5  3 8 1 o     14.0974     14.5499 179.31  1.33530
 8 11  1 8 1 o     26.0058     27.0431 359.97  1.33455
 2 17  2 8 1 o  10871.7227  11420.0000   0.30  1.33446
10  0  0 2 1 o  37894.5312  39295.2812   0.49  1.33317
 9  9  0 4 1 o   1000.1453   1015.7774   0.06  1.32869
10  2  0 4 1 o     52.6307     50.6912 179.52  1.32674
 4 18  1 8 1 o     48.7614     45.9493 180.08  1.32586
 2 20  0 4 1 o    979.1318    908.9459   0.15  1.32546
 8  7  2 8 1 o   2299.8086   2036.5781   0.27  1.32324
 3 12  3 8 1 o    340.3780    285.6478 179.92  1.32271
 5 17  1 8 1 o    221.7471    188.0406 180.29  1.32261
 5  9  3 8 1 o    552.0011    470.5961   0.26  1.31820
 6  6  3 8 1 o    953.0879    828.9911 180.50  1.31776
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 6 13  2 8 1 o    741.5339    665.6980   0.85  1.31581
 2 13  3 8 1 o    274.5835    245.3848 180.41  1.31578
 9  8  1 8 1 o   2390.2810   2238.0029 180.21  1.31395
 4 11  3 8 1 o    296.5682    281.7063 180.68  1.31360
 7 14  1 8 1 o   1919.4387   1819.9702 180.43  1.31353
 3 19  1 8 1 o     12.3792     11.9027 359.94  1.31301
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 1  0  4 4 1 o  69266.7734  69333.4062 180.33  1.31097
 7 15  0 4 1 o  12367.6387  12324.6416 180.30  1.30945
 1  1  4 8 1 o    366.1271    369.5018   0.48  1.30944
 4 16  2 8 1 o   1858.6034   1861.8120   0.37  1.30860
10  4  0 4 1 o      9.5436      9.3871 180.03  1.30800
 7 11  2 8 1 o     73.7647     72.7833 179.12  1.30730
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 1 20  1 8 1 o    121.5649    116.8058   0.02  1.30373
 6 16  1 8 1 o    270.7959    260.0146   0.82  1.30360
 3 17  2 8 1 o  12096.1602  11473.8711   0.44  1.30224
 8  8  2 8 1 o    327.0704    312.8117   0.25  1.30011
 5 15  2 8 1 o      3.1346      2.9807 171.49  1.29943
 1 18  2 8 1 o  51976.0859  49353.2070   0.33  1.29913
 8 12  1 8 1 o   2323.2805   2224.8430   0.55  1.29869
 6  7  3 8 1 o   2330.5630   2245.0508   0.39  1.29789
 1  3  4 8 1 o   1067.7194   1028.8380 180.31  1.29733
 1 14  3 8 1 o    968.4506    964.4421   0.42  1.29355
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 2  0  4 4 1 o  17084.1133  17111.3105   0.35  1.29236
 9  0  2 4 1 o  26392.4297  26179.2852   0.36  1.29122
10  1  1 8 1 o    112.9581    112.2666   0.41  1.29098
 2  1  4 8 1 o   6280.6123   6328.4023 180.37  1.29089
 9  1  2 8 1 o    321.2229    319.0370 180.08  1.28975
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 5 10  3 8 1 o   6992.1392   7015.9600   0.64  1.28943
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 2 20  1 8 1 o        4.6391       4.5564 356.48  1.28542
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 7  2  3 8 1 o      552.9426     542.2562 180.65  1.28535
 3 13  3 8 1 o      429.0387     418.8156   0.25  1.28486
 1 21  0 4 1 o     3302.9854    3172.6201   0.31  1.28209
 2 18  2 8 1 o    23094.9805   22111.3828   0.41  1.28101
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 7  3  3 8 1 o      371.0219     363.1156   0.17  1.27815
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 6 14  2 8 1 o        5.9963       5.9500 181.57  1.27569
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 8  9  2 8 1 o      955.2764     940.9896 180.11  1.27531
 1  5  4 8 1 o       25.5543      25.3388 359.89  1.27410
 7 12  2 8 1 o      481.3938     471.4582   0.53  1.27354
 7 15  1 8 1 o       44.3339      42.4572 178.47  1.27080
 4 19  1 8 1 o        5.4977       5.2503 179.88  1.27058
 5 18  1 8 1 o      129.2165     123.3660   0.32  1.27052
10  4  1 8 1 o      161.4276     154.5300   0.67  1.26947
 2  4  4 8 1 o      158.4121     149.8661   0.35  1.26939
 9 11  0 4 1 o     2748.2341    2616.9380 180.25  1.26887
 9  4  2 8 1 o     1316.6283    1259.2313   0.25  1.26831
 7  4  3 8 1 o     1925.8208    1839.6807 180.60  1.26828
 0  6  4 4 1 o       73.1949      69.9511 181.04  1.26448
 3  0  4 4 1 o     6137.5264    5883.2817   0.63  1.26303
 8 13  1 8 1 o      161.5520     154.9882 359.97  1.26281
 8 14  0 4 1 o       75.5721      72.5792   0.61  1.26192
 3  1  4 8 1 o     6551.1069    6290.0781   0.40  1.26166
 9 10  1 8 1 o      209.9267     201.8749 180.04  1.26146
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 5 16  2 8 1 o      192.1420     188.1521 359.83  1.25531
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 1 15  3 8 1 o      116.1963     113.7078 179.62  1.25267
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 0 21  1 4 1 o     1510.4818    1464.2294 180.40  1.25122
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 6 10  3 8 1 o      67.2015      68.0044   0.59  1.22780
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 8 14  1 8 1 o    2405.2224    2454.4370 180.52  1.22722
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 4  0  4 4 1 o    1946.4104    2038.1799   0.34  1.22513
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 7 17  0 4 1 o   11806.5527   12701.1016   0.35  1.22107
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 4 18  2 8 1 o      23.8631      25.6172 181.06  1.21545
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 4 14  3 8 1 o     101.5772     111.0015 180.44  1.21087
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 9 13  0 4 1 o    3067.7854    3180.7739 180.35  1.20674
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 9 12  1 8 1 o     259.3749    260.6434 359.99  1.20512
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 8 16  0 4 1 o      10.2849      8.9278 179.56  1.18680
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 4  6  4 8 1 o     387.1140    374.6573   0.02  1.18225
 5  0  4 4 1 o   17490.7578  17173.5977 180.20  1.18107
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 5  1  4 8 1 o    1670.2855   1662.0016   0.05  1.17995
 8  5  3 8 1 o      56.7972     55.7734 180.92  1.17984
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 4 15  3 8 1 o    2460.6372   2487.6794   0.37  1.17715
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 5  2  4 8 1 o     513.0385    510.7697   0.40  1.17659
 9 13  1 8 1 o     388.7502    385.9713 180.34  1.17628
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 1 17  3 8 1 o      52.8764     52.1374 180.36  1.17465
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 5 18  2 8 1 o    12243.1436   11731.6436   0.19  1.17239
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 4 21  1 8 1 o      917.3757     870.4597 180.23  1.17140
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 6 19  1 8 1 o       18.5543      17.2264 359.86  1.16885
 5 14  3 8 1 o     3741.3396    3458.7415   0.61  1.16828
 4  7  4 8 1 o      347.9373     320.7290   0.76  1.16784
 8  6  3 8 1 o     1070.5370     991.9169   0.41  1.16768
 8 13  2 8 1 o      464.4666     426.8336 180.76  1.16633
10 10  1 8 1 o      103.0748      94.8356 179.45  1.16617
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 9 11  2 8 1 o        8.4459       8.0202 359.22  1.14320
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 2 21  2 8 1 o        0.8095       0.7775 184.18  1.14013
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 7 16  2 8 1 o      33.1614      31.7893 178.69  1.13988
 3 17  3 8 1 o       7.2157       6.9317   0.63  1.13979
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 3 23  0 4 1 o    3248.8481    3097.8113   0.52  1.13692
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 1 12  4 8 1 o     386.2636     363.6950 178.77  1.13325
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 4 20  2 8 1 o     443.1535     417.0011 180.20  1.13171
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 2 23  1 8 1 o      28.5627      26.9224 180.47  1.13117
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 4 22  1 8 1 o     707.4354     689.3089   0.72  1.12684
 6 18  2 8 1 o   13633.7949   13581.2803   0.20  1.12549
 2 18  3 8 1 o      11.8885      11.8538 180.16  1.12547
 6  3  4 8 1 o     622.1641     630.4507   0.93  1.12432
 8 17  1 8 1 o      21.1726      21.5345   0.91  1.12431
11  9  0 4 1 o    1821.3225    1852.3353 180.16  1.12403
 9  3  3 8 1 o      50.7043      51.6003 180.59  1.12355
 3 11  4 8 1 o     151.7150     157.7371 180.51  1.12350
10  8  2 8 1 o    1083.7264    1122.4210   0.24  1.12214
 6 14  3 8 1 o     292.0190     307.9654   0.35  1.12186
 8  9  3 8 1 o    6311.4087    6580.4946 180.37  1.12160
10 12  1 8 1 o     338.9965     355.8225 181.03  1.12122
 2 12  4 8 1 o       4.9936       5.3701 184.02  1.12116
 9 12  2 8 1 o    1104.8694    1158.7706 180.65  1.12042
 7 12  3 8 1 o     692.2328     728.7556   0.58  1.12040
 3 21  2 8 1 o    1051.1240    1118.5829 180.59  1.11984
 9 15  1 8 1 o     403.1347     419.6695 181.15  1.11855
 6  4  4 8 1 o     185.0969     190.1028 180.47  1.11759
 9  4  3 8 1 o    1372.1447    1392.4707   0.50  1.11683
 8 18  0 4 1 o    5413.7256    5476.5732   0.45  1.11600
 4 10  4 8 1 o     146.2635     148.0266 180.07  1.11600
11  8  1 8 1 o     957.8514     958.9775 180.51  1.11506
 5  8  4 8 1 o       0.8927       0.8944   2.54  1.11500
 7 19  1 8 1 o      53.6328      53.5116 359.76  1.11449
 0 22  2 4 1 o     247.8781     246.7547 180.30  1.11417
 4 17  3 8 1 o    1551.9297    1512.1162 180.31  1.11170
 3 23  1 8 1 o     536.9975     521.4401 180.36  1.11134
 2 24  0 4 1 o      20.0100      19.4208 173.74  1.11128
12  0  0 2 1 o    3642.7961    3531.3259 359.49  1.11098
 1 22  2 8 1 o     194.7411     186.9807   0.54  1.11030
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 8 15  2 8 1 o       115.4295     110.7153   1.45  1.10997
 1 13  4 8 1 o        93.1279      88.2463 180.01  1.10917
 6  5  4 8 1 o      1231.0552    1173.0817 180.81  1.10910
 9  5  3 8 1 o        45.2003      43.0345 179.54  1.10836
 5 16  3 8 1 o        35.1075      32.9858 178.80  1.10792
 7 17  2 8 1 o     17177.7793   16170.3906   0.41  1.10788
12  2  0 4 1 o       619.4964     585.9587   0.37  1.10725
10  9  2 8 1 o       398.5795     375.5662   0.13  1.10607
 0 19  3 4 1 o       136.4494     126.3453 180.22  1.10599
 3 18  3 8 1 o        74.9506      69.4666 180.37  1.10594
 8 10  3 8 1 o         0.4577       0.4336 354.97  1.10372
 1 19  3 8 1 o         2.8226       2.6942   0.71  1.10220
 3 12  4 8 1 o        80.0822      77.0257 358.11  1.10185
11  0  2 4 1 o      1834.1456    1797.2812 181.16  1.10107
11  1  2 8 1 o      1725.7618    1710.4486 180.38  1.10016
11  9  1 8 1 o      6280.5088    6313.2051   0.74  1.09929
 5  9  4 8 1 o        32.3437      32.7734 180.38  1.09924
 6  6  4 8 1 o        18.2739      18.5013 180.30  1.09898
 2 22  2 8 1 o       196.4915     201.0105 180.22  1.09892
 1 24  1 8 1 o       159.7536     164.0211   0.39  1.09838
 9  6  3 8 1 o      1209.4963    1223.5327 180.72  1.09826
10 13  1 8 1 o       237.4026     242.8686   0.46  1.09789
 2 13  4 8 1 o      1038.9454    1082.7737   0.45  1.09783
11  2  2 8 1 o       688.4872     697.6169 180.19  1.09744
10 14  0 4 1 o       190.9193     196.1811 179.95  1.09730
 9 13  2 8 1 o         1.9132       1.9600 356.05  1.09713
 7 13  3 8 1 o        13.1272      13.4917 180.53  1.09712
 5 20  2 8 1 o       680.5762     705.0527 180.34  1.09671
 4 11  4 8 1 o      2364.1467    2452.4385 180.37  1.09657
12  4  0 4 1 o       694.8834     706.3381   0.15  1.09628
 6 15  3 8 1 o       414.7189     419.9566 180.01  1.09488
 4 21  2 8 1 o        14.0578      13.8056 178.20  1.09317
11  3  2 8 1 o      2954.7971    2912.3469   0.38  1.09295
 5 22  1 8 1 o       270.3972     262.2744 180.64  1.09227
 8 18  1 8 1 o        44.1149      42.6456   0.15  1.09179
 6 19  2 8 1 o      2045.9421    1966.1415   0.71  1.09109
 2 19  3 8 1 o       110.5062     105.4725   0.15  1.09107
 6 21  1 8 1 o       423.0080     406.4487   0.17  1.09025
 9 16  1 8 1 o       876.2956     845.1354   0.35  1.09003
10 10  2 8 1 o        30.0273      29.2595 180.34  1.08891
 0 14  4 4 1 o        78.6013      76.2030   0.87  1.08843
 6  7  4 8 1 o         5.1090       5.0194 185.09  1.08738
 2 24  1 8 1 o       635.1173     623.2843   0.37  1.08736
11 11  0 4 1 o       105.5143     103.9159 359.82  1.08711
11  4  2 8 1 o       919.5765     909.3104 180.19  1.08676
 9  7  3 8 1 o       961.6891     950.9823   0.25  1.08668
12  1  1 8 1 o       529.2720     525.0217   0.20  1.08620
 4 23  1 8 1 o         4.6354       4.6212   0.67  1.08526
 8 11  3 8 1 o        16.5548      16.5526 182.38  1.08491
 1 14  4 8 1 o         4.1182       4.1165 182.74  1.08482
 9 17  0 4 1 o     11938.3105   11996.8291 180.45  1.08419
12  2  1 8 1 o       585.6119     591.0144   0.37  1.08359
 7  0  4 4 1 o      1075.8445    1087.1985 359.56  1.08343
 7  1  4 8 1 o      6788.1133    6904.4287   0.39  1.08256
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11 10  1 8 1 o     129.4788    131.8549 180.50  1.08244
 5 10  4 8 1 o     175.2297    178.8152 180.28  1.08239
 8 16  2 8 1 o     880.9428    900.7550   0.50  1.08209
 3 22  2 8 1 o      64.0327     66.3556 359.81  1.08072
 4 18  3 8 1 o       1.1830      1.2309   0.28  1.08023
 7  2  4 8 1 o     100.8277    104.2528 180.67  1.07997
 3 13  4 8 1 o     399.9401    417.9804 180.49  1.07968
 7 20  1 8 1 o      21.0096     21.9004   1.54  1.07933
12  3  1 8 1 o     473.5336    490.1201 180.75  1.07926
11  5  2 8 1 o     333.8316    345.5941 180.30  1.07895
12  6  0 4 1 o    5094.7495   5286.8716 180.48  1.07871
 5 17  3 8 1 o      98.7714    103.2913 180.20  1.07847
 1 25  0 4 1 o      65.7209     68.5995   0.49  1.07843
 7 18  2 8 1 o     933.0252    972.5371 179.59  1.07672
 4 12  4 8 1 o     813.3264    848.4871 180.12  1.07642
 5 23  0 4 1 o    4101.1616   4269.3311 180.58  1.07604
 6 22  0 4 1 o       0.1716      0.1785 186.41  1.07580
 7  3  4 8 1 o      66.2217     68.6889 180.31  1.07569
 6  8  4 8 1 o       0.5458      0.5657 354.47  1.07443
10 14  1 8 1 o     123.1690    127.6172   0.83  1.07426
 2 14  4 8 1 o       7.7844      8.0831 181.10  1.07421
 9  8  3 8 1 o    7286.2773   7530.9360   0.50  1.07376
 9 14  2 8 1 o     113.5892    117.5635 359.92  1.07355
 7 14  3 8 1 o    2239.3679   2319.0129 180.61  1.07353
12  4  1 8 1 o     174.1821    179.8540   0.45  1.07330
 3 19  3 8 1 o      18.2447     18.9308 359.95  1.07325
10 11  2 8 1 o       2.0256      2.0777 179.26  1.07084
 1 23  2 8 1 o      66.8179     68.6638 180.63  1.07046
 7  4  4 8 1 o     118.2340    120.4138 359.83  1.06979
 3 24  1 8 1 o      63.9727     65.2125   0.14  1.06972
11  6  2 8 1 o    6700.9707   6814.2070 180.40  1.06963
 1 20  3 8 1 o      12.8257     12.7934 358.73  1.06816
 6 16  3 8 1 o       9.6923      9.6903 179.86  1.06809
 4 24  0 4 1 o    2574.3330   2561.4924 359.94  1.06766
 7 21  0 4 1 o    2444.2268   2416.2607 180.38  1.06696
12  5  1 8 1 o       1.9453      1.9390 178.31  1.06578
 8 12  3 8 1 o     585.8487    581.8516   0.49  1.06538
11 11  1 8 1 o       0.1032      0.1030 348.99  1.06469
 5 11  4 8 1 o       0.1473      0.1461 169.94  1.06464
 7  5  4 8 1 o     233.0692    238.6797   0.68  1.06234
 9 17  1 8 1 o     111.8973    115.1458 180.28  1.06195
 5 21  2 8 1 o     308.4568    319.6440 179.81  1.06152
10  1  3 8 1 o     252.2964    262.1181   0.15  1.06111
 1 15  4 8 1 o     129.2742    137.1142   0.23  1.06037
 6  9  4 8 1 o     634.1083    669.6341 180.13  1.06031
 8 19  1 8 1 o       0.4478      0.4737 177.74  1.06030
 2 23  2 8 1 o     824.8923    875.2599   0.56  1.06025
 0 25  1 4 1 o     165.3250    176.3181   0.46  1.05986
 9  9  3 8 1 o     459.1024    486.8195 180.43  1.05966
11  7  2 8 1 o      28.5277     30.4281   0.83  1.05892
10  2  3 8 1 o     101.8842    108.5409   0.17  1.05867
 6 20  2 8 1 o    3010.0518   3286.9004 180.32  1.05804
 2 20  3 8 1 o      78.0111     85.9176   0.04  1.05802
 3 14  4 8 1 o      45.3741     50.0707   0.85  1.05718
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 1 25  1 8 1 o        81.8635      89.2572 180.67  1.05653
 4 13  4 8 1 o      1479.3934    1608.6469 180.56  1.05572
12  8  0 4 1 o       489.8500     524.8311   0.04  1.05546
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 8 17  2 8 1 o      5890.6187    6296.9336 180.44  1.05460
 5 23  1 8 1 o       576.2332     614.9493   0.32  1.05428
 6 22  1 8 1 o       843.6854     898.1872 180.67  1.05405
 7  6  4 8 1 o        87.5942      92.3681 181.12  1.05344
 0  1  5 4 1 o        37.9755      40.1318   0.17  1.05309
10 12  2 8 1 o       190.9432     198.9824 180.98  1.05205
 3 25  0 4 1 o      3075.0210    3188.7610   0.41  1.05126
10 15  1 8 1 o       508.0982     522.2167   0.68  1.05050
 2 15  4 8 1 o      1514.5115    1559.8285 180.33  1.05045
 8 20  0 4 1 o      1132.1228    1159.7917   0.47  1.05014
 9 15  2 8 1 o         7.9660       8.1276   4.97  1.04984
 7 15  3 8 1 o       362.6848     370.0550   0.19  1.04982
 1  1  5 8 1 o       100.9841     103.1426 180.27  1.04982
 4 19  3 8 1 o         2.0507       2.0906 179.51  1.04970
 5 18  3 8 1 o         1.3884       1.4145 181.95  1.04966
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 1  2  5 8 1 o        35.7202      35.3582 179.69  1.04745
11 13  0 4 1 o         9.4209       9.3583 359.90  1.04727
11  8  2 8 1 o       276.6249     274.7757 180.18  1.04695
10 16  0 4 1 o      3536.0830    3496.9487 180.38  1.04684
 0  3  5 4 1 o       510.2198     501.9242   0.92  1.04676
 2 25  1 8 1 o      1247.9563    1231.2295   0.49  1.04671
 7 19  2 8 1 o       803.9048     792.0934   0.70  1.04648
12  7  1 8 1 o       126.0007     124.6869 180.60  1.04646
 4 24  1 8 1 o       123.0179     121.0959 181.16  1.04640
11 12  1 8 1 o      1730.4077    1707.0884   0.44  1.04621
 5 12  4 8 1 o      2316.5791    2276.8066 180.04  1.04616
 7 21  1 8 1 o        78.5512      77.0603 181.07  1.04574
 8 13  3 8 1 o       216.5386     212.4976 180.67  1.04531
 6 10  4 8 1 o        39.7275      38.9190   0.32  1.04516
 9 10  3 8 1 o      2605.2576    2551.2153   0.56  1.04454
 3 23  2 8 1 o       452.6315     440.1696   0.74  1.04388
 1  3  5 8 1 o      3400.2024    3297.7236 180.44  1.04355
 7  7  4 8 1 o        72.9324      70.8766   0.34  1.04320
10  5  3 8 1 o        42.1431      40.8489   0.02  1.04205
 3 20  3 8 1 o       428.4267     409.2844   0.60  1.04174
 6 17  3 8 1 o       294.4256     281.9227 180.27  1.04163
 0 26  0 2 1 o        56.7437      54.0107   1.04  1.04036
 2  1  5 8 1 o        47.2114      44.5624   0.62  1.04019
 0 16  4 4 1 o        59.3692      56.0751   0.19  1.03913
 0 21  3 4 1 o      4328.7451    4101.7422 180.57  1.03871
 1  4  5 8 1 o        75.9224      72.3975   0.42  1.03816
 2  2  5 8 1 o       381.8625     365.6550 180.43  1.03789
 0 24  2 4 1 o      4203.7441    4139.0698 180.44  1.03623
 1 16  4 8 1 o        51.6066      50.9793   0.33  1.03598
 1 21  3 8 1 o       185.2613     184.1243 180.47  1.03557
12  8  1 8 1 o       146.5662     146.7932   0.95  1.03491
 4 14  4 8 1 o        11.6085      11.6591   0.76  1.03466
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 3 15  4 8 1 o    119.8545    120.5708 180.55  1.03452
 0  5  5 4 1 o     21.5403     21.6850 181.18  1.03444
 9 18  1 8 1 o     16.7810     16.8876   0.63  1.03441
 2  3  5 8 1 o   2693.8406   2720.3994 180.50  1.03409
11  9  2 8 1 o    463.8763    468.9383   0.20  1.03387
10  6  3 8 1 o      0.0066      0.0067 266.04  1.03364
 8  0  4 4 1 o   4291.2686   4353.2803   0.53  1.03345
 1 24  2 8 1 o   3866.7278   3935.5425   0.49  1.03311
10 13  2 8 1 o      0.3509      0.3582   7.22  1.03270
 8  1  4 8 1 o   3320.4341   3389.1370   0.55  1.03270
 7  8  4 8 1 o    228.3520    234.9478 359.99  1.03176
 1  5  5 8 1 o     11.1394     11.5149 181.28  1.03134
 3 25  1 8 1 o    374.4327    388.1790 180.06  1.03095
 8  2  4 8 1 o    286.2881    297.5510   0.59  1.03045
 8 20  1 8 1 o     51.2023     53.5423   1.25  1.02989
 6 11  4 8 1 o    907.4210    953.8848   0.52  1.02915
 2  4  5 8 1 o    164.7633    173.9083 180.82  1.02884
 9 11  3 8 1 o    234.2499    246.9828   0.43  1.02856
 5 22  2 8 1 o     18.2560     19.3673 180.53  1.02803
 2 26  0 4 1 o    974.6920   1034.3445   0.27  1.02791
12 10  0 4 1 o    206.8023    219.4944   0.15  1.02767
 8 18  2 8 1 o   6076.4746   6461.6260   0.50  1.02762
11 13  1 8 1 o     23.3228     24.8603   0.39  1.02718
 5 13  4 8 1 o    243.8675    260.5771   0.52  1.02713
10 16  1 8 1 o      0.2050      0.2194   0.44  1.02677
 8  3  4 8 1 o    406.9628    434.6863 181.11  1.02673
 2 16  4 8 1 o    784.5319    842.5413 180.60  1.02673
 9 19  0 4 1 o   1856.7092   1994.6150 180.46  1.02645
 6 21  2 8 1 o    181.0779    194.8718 180.89  1.02634
 2 21  3 8 1 o   3404.4675   3670.6243   0.46  1.02632
 9 16  2 8 1 o    157.6135    169.5797 180.79  1.02615
 7 16  3 8 1 o   1356.9535   1461.4410 180.50  1.02614
 8 14  3 8 1 o     69.3612     75.3813 180.56  1.02485
13  1  0 4 1 o    326.7056    353.7067 359.62  1.02478
 3  1  5 8 1 o     38.4547     42.0725 180.08  1.02471
10  7  3 8 1 o   1230.7214   1337.1403   0.41  1.02397
 2 24  2 8 1 o   1521.0576   1671.5835   0.42  1.02393
12  0  2 4 1 o   5147.2510   5591.2046 180.74  1.02369
 1  6  5 8 1 o    387.2472    428.1361 180.29  1.02319
12  1  2 8 1 o     44.7141     48.6735 181.59  1.02296
 3  2  5 8 1 o    126.5842    139.7305 180.64  1.02251
12  9  1 8 1 o   6326.0527   6916.1074 180.57  1.02227
 2  5  5 8 1 o    509.0832    562.8342   0.46  1.02221
 4 23  2 8 1 o    816.5256    899.8380 180.82  1.02217
 8  4  4 8 1 o     64.1178     70.0326 179.73  1.02159
 5 19  3 8 1 o     35.1792     38.7254   0.23  1.02159
12  2  2 8 1 o    286.9020    312.6178 179.90  1.02077
 4 20  3 8 1 o     55.4892     60.7635   0.34  1.02017
11 10  2 8 1 o     19.2391     20.9809 179.88  1.01981
 6 23  1 8 1 o     17.1569     18.7495 180.80  1.01979
 7  9  4 8 1 o     35.4794     38.7117 180.34  1.01923
13  3  0 4 1 o    496.6700    541.5373 180.59  1.01895
 3  3  5 8 1 o   2017.0740   2201.5464   0.39  1.01888
 5 24  1 8 1 o    203.3704    222.0755   0.59  1.01854
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 1 26  1 8 1 o      59.5695     65.2847   0.87  1.01768
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12  3  2 8 1 o    2451.5110   2685.9341 180.33  1.01716
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 6 18  3 8 1 o       0.7925      0.8871 180.30  1.01561
 8  5  4 8 1 o     494.2963    549.3494   0.87  1.01510
 2  6  5 8 1 o       4.8742      5.5608 180.16  1.01427
 3  4  5 8 1 o     679.7497    772.9872 180.57  1.01385
 1  7  5 8 1 o     372.7664    425.5027 180.47  1.01381
 7 22  1 8 1 o     251.5742    284.0755   0.63  1.01367
 4 15  4 8 1 o     728.3395    826.8914   0.62  1.01338
10  8  3 8 1 o      12.0372     13.3249   0.94  1.01314
10 14  2 8 1 o      20.3352     22.6412   0.57  1.01296
 6 12  4 8 1 o     242.0999    269.5836   0.10  1.01244
12  4  2 8 1 o      94.2145    103.1981   0.66  1.01216
 9 12  3 8 1 o    1609.1138   1766.1949 180.70  1.01187
 3 16  4 8 1 o       7.4478      8.2768   0.49  1.01183
 1 17  4 8 1 o     494.0076    548.4198 180.52  1.01178
 3 21  3 8 1 o     132.5555    145.8911   0.42  1.01144
 4 25  1 8 1 o    1534.7725   1641.3892   0.35  1.01002
 3 24  2 8 1 o    1126.5747   1191.0245 180.57  1.00915
 2 26  1 8 1 o    7715.7554   8141.7368 180.37  1.00890
12 10  1 8 1 o     277.8523    293.0797   0.72  1.00867
11 14  1 8 1 o       0.2408      0.2526 182.67  1.00775
 5 14  4 8 1 o      82.1458     86.0868 180.59  1.00771
13  5  0 4 1 o     704.1301    738.2458 180.48  1.00757
 9 19  1 8 1 o       3.2170      3.3706   1.45  1.00751
 3  5  5 8 1 o       6.4270      6.7303   0.67  1.00751
 8  6  4 8 1 o     617.1849    646.4118   0.40  1.00732
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11 15  0 4 1 o    2682.5889   2800.7002 180.44  1.00590
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 7 10  4 8 1 o      11.0449     11.5250   0.88  1.00575
 6 24  0 4 1 o    1580.8065   1650.7169 180.16  1.00514
 2  7  5 8 1 o     420.9581    440.7135 180.11  1.00513
11 11  2 8 1 o      29.5363     30.7008 180.21  1.00493
 1 22  3 8 1 o     218.9598    229.0027 180.52  1.00440
 8 15  3 8 1 o     116.3680    120.9034 181.69  1.00416
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 1  8  5 8 1 o     130.2970    135.7145 180.61  1.00329
10 17  1 8 1 o    1590.9838   1644.4449   0.28  1.00320
 2 17  4 8 1 o    7205.8652   7498.6367   0.37  1.00316
 9 17  2 8 1 o    1533.9683   1576.7827   0.15  1.00262
 7 17  3 8 1 o      33.0591     34.0299   0.14  1.00261
 5 25  0 4 1 o      20.2129     20.8180 359.12  1.00257
 4  2  5 8 1 o     206.7237    211.8647   0.74  1.00209
10  9  3 8 1 o   35154.8555  35300.6250   0.47  1.00127
 8 19  2 8 1 o    1303.1306   1314.4421 180.60  1.00123
 7 23  0 4 1 o    4562.8447   4551.8291   0.51  1.00065
 8 21  1 8 1 o       0.2524      0.2513 162.19  1.00058
13  3  1 8 1 o     543.8637    537.9486 181.00  1.00042
 3  6  5 8 1 o     875.8743    859.2163   0.63  0.99990
 1 27  0 4 1 o     274.6694    263.4208   0.25  0.99901
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 4  3  5 8 1 o      430.4679    408.9551    0.48  0.99867
 8  7  4 8 1 o       25.0344     23.7591    1.55  0.99836
12  6  2 8 1 o     2649.1873   2516.4641  180.47  0.99828
 1 25  2 8 1 o      734.7007    687.2418  180.45  0.99806
10 18  0 4 1 o    24193.3359  22356.4883  180.53  0.99728
11  1  3 8 1 o        7.8727      7.3345  180.50  0.99687
12 12  0 4 1 o     6350.8750   5828.9844    0.43  0.99652
 5 23  2 8 1 o      465.5254    420.8010  180.88  0.99616
 6 22  2 8 1 o        0.0830      0.0749  192.58  0.99597
 2 22  3 8 1 o      126.0169    113.0337  180.21  0.99596
13  4  1 8 1 o      166.1555    152.2126  180.67  0.99566
 6 13  4 8 1 o     2243.0249   2017.3439    0.54  0.99516
 2  8  5 8 1 o     4343.1553   3861.7620  180.39  0.99488
11  2  3 8 1 o       60.3677     55.3071    0.46  0.99485
 3 26  1 8 1 o     5065.7070   4542.3203    0.53  0.99476
 9 13  3 8 1 o        2.0811      1.8840    2.24  0.99462
 0  9  5 4 1 o     5250.0068   4666.2173    0.51  0.99452
 5 20  3 8 1 o     1950.5195   1742.5574  180.48  0.99431
12 11  1 8 1 o        7.7683      7.0416    1.82  0.99426
 4  4  5 8 1 o     1297.2167   1161.5969    0.57  0.99394
 4 26  0 4 1 o      419.0277    377.8897    0.53  0.99310
10 15  2 8 1 o        1.7538      1.5920  349.79  0.99297
 4 16  4 8 1 o     1372.6071   1244.8999  180.30  0.99203
 1  9  5 8 1 o     4522.4863   4109.6245  180.68  0.99176
 4 21  3 8 1 o     2892.9807   2635.6157  180.40  0.99166
11  3  3 8 1 o      221.9286    205.2043    0.45  0.99150
 7 11  4 8 1 o      243.7144    223.6851  180.45  0.99146
13  7  0 4 1 o     1806.8715   1668.0104  180.43  0.99121
 3  7  5 8 1 o      170.7146    156.3486  179.92  0.99114
 0 18  4 4 1 o      376.7386    346.7301    0.41  0.99061
 6 19  3 8 1 o       18.7984     17.4152  359.57  0.99011
 2 25  2 8 1 o      332.3343    308.6425    0.45  0.98977
13  5  1 8 1 o      917.6505    857.4562    0.37  0.98965
12  7  2 8 1 o      156.7996    146.6461  180.59  0.98956
 4 24  2 8 1 o     1830.2582   1703.5924  180.39  0.98951
 8 22  0 4 1 o     1243.8380   1159.6776    0.38  0.98938
11 12  2 8 1 o     3453.8784   3229.7803    0.49  0.98935
 3 17  4 8 1 o     4935.6060   4597.8267  180.48  0.98925
 7 21  2 8 1 o     1759.6949   1645.6714  180.64  0.98894
10 10  3 8 1 o       44.4993     41.8551    0.48  0.98848
 8  8  4 8 1 o      180.7100    170.0353  180.27  0.98832
11 15  1 8 1 o     1059.2009    997.2224    0.88  0.98806
 5 15  4 8 1 o        9.2740      8.7219  178.91  0.98802
 4  5  5 8 1 o       85.0400     80.0134  180.43  0.98795
 1 18  4 8 1 o     9445.6875   8885.4238    0.65  0.98789
 6 24  1 8 1 o     1272.3832   1201.0959    0.58  0.98734
11  4  3 8 1 o      132.3174    125.4801    0.23  0.98687
 5 25  1 8 1 o       36.6160     34.5796    0.70  0.98490
 9  0  4 4 1 o    10893.5107  10357.3760    0.53  0.98439
 0 27  1 4 1 o     2740.3508   2583.6208  180.50  0.98420
 9  1  4 8 1 o      707.4565    673.2474    0.35  0.98374
 2  9  5 8 1 o     8497.4961   7961.0356  180.65  0.98363
 8 16  3 8 1 o       11.9802     11.3205  359.98  0.98337
 7 23  1 8 1 o      126.1842    118.9237  180.37  0.98308
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13  6   1 8 1 o      78.5664     75.1094 180.42  0.98244
 3 22   3 8 1 o     709.9871    668.6274   0.64  0.98234
 9  2   4 8 1 o     330.4239    318.0766 180.02  0.98180
 1 27   1 8 1 o    8831.7666   8437.7295 180.63  0.98153
 9 20   1 8 1 o       2.9709      2.8497 181.06  0.98131
 3  8   5 8 1 o    5946.0269   5673.7534 180.54  0.98131
11  5   3 8 1 o       4.3080      4.1895 182.31  0.98101
 4  6   5 8 1 o       9.9345      9.5908 180.48  0.98078
10 18   1 8 1 o      24.3021     23.9090   0.15  0.97989
 2 18   4 8 1 o    4006.2505   3936.4055 180.50  0.97985
12  8   2 8 1 o     108.7677    107.4948   0.57  0.97977
 5  1   5 8 1 o      25.4243     25.2002 179.95  0.97946
 9 18   2 8 1 o    6327.4141   6284.9043 180.57  0.97935
 7 18   3 8 1 o      15.3150     15.2137 180.62  0.97934
 1 10   5 8 1 o      12.4102     12.3298 180.18  0.97933
12 12   1 8 1 o    1214.4949   1210.5111   0.42  0.97916
 9  3   4 8 1 o     209.3554    210.4688 180.33  0.97858
 5  2   5 8 1 o     412.4633    420.3303   0.54  0.97754
 6 14   4 8 1 o     230.6486    235.2739   0.38  0.97746
 3 27   0 4 1 o      59.4954     60.7753 179.96  0.97730
 8  9   4 8 1 o     440.6637    449.9005   0.15  0.97729
 0 23   3 4 1 o     415.1337    424.7744   0.37  0.97723
 9 14   3 8 1 o    1207.4357   1236.8076   0.57  0.97695
 7 12   4 8 1 o    3473.8379   3571.9246   0.29  0.97649
 3 25   2 8 1 o     216.0577    222.1644 180.25  0.97641
 4 26   1 8 1 o     322.2977    332.6109   1.95  0.97592
 8 20   2 8 1 o    1293.6433   1340.2579 180.32  0.97551
10 11   3 8 1 o     202.5412    212.0129 180.27  0.97491
 1 23   3 8 1 o      22.6785     23.6643   1.22  0.97462
 5  3   5 8 1 o     394.5821    415.0579 180.27  0.97437
 9  4   4 8 1 o       2.4147      2.5608 179.26  0.97413
13  7   1 8 1 o      67.6037     71.6769   0.83  0.97412
11  6   3 8 1 o     328.4539    349.2868   0.82  0.97399
 2 27   1 8 1 o    2140.0737   2284.6790   0.68  0.97364
11 13   2 8 1 o      60.4244     65.2826 179.89  0.97320
10 16   2 8 1 o    1042.4399   1136.5205   0.32  0.97286
 4  7   5 8 1 o     153.7435    169.7037 180.84  0.97251
 8 22   1 8 1 o     748.1240    828.2177   0.55  0.97238
 9 21   0 4 1 o    4185.1382   4691.4834   0.50  0.97199
 2 10   5 8 1 o    1928.7312   2214.0852 180.43  0.97150
 4 17   4 8 1 o     722.5402    849.5120 181.25  0.97072
13  9   0 4 1 o     194.6113    224.2812   0.08  0.97057
 3  9   5 8 1 o     280.5594    332.1700 178.92  0.97051
 5  4   5 8 1 o     324.3386    383.7162   0.76  0.96997
12  9   2 8 1 o     200.1410    234.4055 180.15  0.96902
 0 11   5 4 1 o     768.0995    934.6182 180.35  0.96867
 9  5   4 8 1 o      48.9363     57.3549 180.34  0.96849
11 16   1 8 1 o     469.7489    558.2092   0.39  0.96824
 5 16   4 8 1 o      52.0195     62.6981 180.67  0.96820
 5 21   3 8 1 o      50.0754     60.2321 180.33  0.96786
 0 26   2 4 1 o     205.9463    246.9402 180.39  0.96765
 6 23   2 8 1 o     812.2180    962.1718   0.84  0.96691
 2 23   3 8 1 o     157.7019    188.0077 180.41  0.96690
 3 18   4 8 1 o     107.7337    128.5940 357.27  0.96688
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 1 11  5 8 1 o     157.2082    184.6650 180.46  0.96613
 0 28  0 2 1 o     173.4835    201.7758 180.12  0.96605
11  7  3 8 1 o      77.4557     88.7825 180.64  0.96589
 5 24  2 8 1 o     165.2274    191.9376   0.39  0.96585
 8 10  4 8 1 o     191.9580    219.3847 180.23  0.96539
 6 20  3 8 1 o       3.4963      4.0033 359.33  0.96522
 1 26  2 8 1 o     106.6246    121.8516   0.12  0.96511
13  8  1 8 1 o    1974.0763   2228.4282 180.60  0.96478
 5  5  5 8 1 o     209.8328    235.7785   0.29  0.96441
 1 19  4 8 1 o     245.1678    275.5758   0.31  0.96438
 4 22  3 8 1 o      19.0394     21.3038 179.87  0.96419
11 17  0 4 1 o    4531.8892   5063.2988 180.33  0.96414
12 13  1 8 1 o     210.6319    232.8723   0.22  0.96351
 4  8  5 8 1 o     313.3206    343.7806   1.44  0.96321
12 14  0 4 1 o       1.4710      1.6164 356.36  0.96311
 8 17  3 8 1 o     424.4067    462.7545 180.47  0.96261
 9  6  4 8 1 o     669.2710    727.5302   0.86  0.96173
 7 22  2 8 1 o       1.7191      1.8546 176.37  0.96169
 7 13  4 8 1 o      33.5567     36.1596 181.28  0.96096
 3 27  1 8 1 o      21.0695     22.6509 173.75  0.96091
10 12  3 8 1 o      22.9159     24.7749 181.03  0.96066
 6 15  4 8 1 o    3332.1150   3592.3206 180.45  0.95946
 9 15  3 8 1 o      48.7772     52.8772 180.57  0.95898
 3 10  5 8 1 o    2222.4856   2400.2297 180.57  0.95886
 2 11  5 8 1 o     156.3416    169.2003   1.01  0.95860
 4 25  2 8 1 o      16.5736     17.9692 182.13  0.95858
 5  6  5 8 1 o     198.7980    217.2906 181.24  0.95773
 2 26  2 8 1 o     382.6342    418.5891 180.48  0.95761
12 10  2 8 1 o     216.4174    237.2829 180.22  0.95742
10 19  1 8 1 o      31.5418     34.7111 180.34  0.95693
 2 19  4 8 1 o    1358.8798   1497.4688   0.53  0.95689
11  8  3 8 1 o    5182.0483   5702.3765   0.33  0.95678
11 14  2 8 1 o     105.1399    115.8769 180.26  0.95663
 6 25  1 8 1 o     967.4400   1067.7092   0.31  0.95661
 9 19  2 8 1 o       0.7307      0.8070 187.55  0.95643
 7 19  3 8 1 o       0.2654      0.2933 180.53  0.95642
 2 28  0 4 1 o       2.2905      2.5364 180.62  0.95606
 9 21  1 8 1 o      98.7765    109.4938   1.75  0.95586
13  0  2 4 1 o     961.8414   1062.9891   1.18  0.95568
13  1  2 8 1 o     772.0143    854.2096 180.80  0.95508
13  9  1 8 1 o    4926.0347   5457.4883 180.67  0.95452
 3 23  3 8 1 o       3.7098      4.1283 181.95  0.95443
 9  7  4 8 1 o     111.0656    122.8891 180.46  0.95393
 7 24  1 8 1 o       2.3562      2.6131 182.31  0.95392
13  2  2 8 1 o       3.5662      3.9372 357.66  0.95330
 5 26  1 8 1 o     845.7849    934.1318 359.92  0.95321
 4  9  5 8 1 o     780.8007    861.1152 180.01  0.95300
10 17  2 8 1 o     983.2015   1082.7123 179.93  0.95274
 8 11  4 8 1 o     427.6826    471.0341 180.50  0.95273
14  0  0 2 1 o   16666.5723  18330.0859   0.51  0.95227
 1 12  5 8 1 o       0.1088      0.1192   2.65  0.95226
 6  1  5 8 1 o      57.2717     62.6727   0.55  0.95162
 8 21  2 8 1 o      10.9090     11.8771   3.72  0.95050
13  3  2 8 1 o     294.9716    323.3481 180.05  0.95035
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 5  7  5 8 1 o       3.7164      4.0447 178.79  0.95002
14  2  0 4 1 o    2287.4062   2505.7397 180.37  0.94992
 6  2  5 8 1 o     215.5523    235.1560 180.71  0.94986
 4 18  4 8 1 o     565.2020    613.9658 180.34  0.94956
10 20  0 4 1 o      23.5242     25.6589   1.63  0.94944
11 17  1 8 1 o      28.3404     31.1096   0.11  0.94839
 5 17  4 8 1 o    1215.5696   1329.8090 180.15  0.94836
 1 28  1 8 1 o     556.1578    611.7862 180.46  0.94781
12 14  1 8 1 o      81.7154     90.4231   0.59  0.94741
 6  3  5 8 1 o       7.4311      8.2489 359.81  0.94694
11  9  3 8 1 o      20.3080     22.6506   1.93  0.94676
13 11  0 4 1 o     140.0785    156.4368   0.79  0.94651
 3 11  5 8 1 o       9.5012     10.5671 179.83  0.94645
13  4  2 8 1 o       1.7226      1.9318 182.14  0.94627
 1 24  3 8 1 o      13.0677     14.5907   0.20  0.94618
10 13  3 8 1 o     158.5586    178.3979   0.32  0.94587
 3 26  2 8 1 o      16.2675     18.3639 179.95  0.94550
 8 23  1 8 1 o      41.3659     46.8527 180.00  0.94529
 9  8  4 8 1 o       5.7727      6.5545 179.56  0.94515
12 11  2 8 1 o     580.8839    660.2300   0.34  0.94507
 2 12  5 8 1 o       0.0958      0.1088 359.88  0.94505
 7 14  4 8 1 o       0.3042      0.3460 176.52  0.94500
 3 19  4 8 1 o     398.0189    454.1064 180.61  0.94480
 4 27  1 8 1 o     108.5204    125.2389 359.79  0.94390
 0 20  4 4 1 o     975.6605   1130.1561   0.52  0.94368
13 10  1 8 1 o     431.5586    499.9886 180.80  0.94342
14  4  0 4 1 o    1988.2515   2313.8955 180.34  0.94296
 6  4  5 8 1 o     394.8080    460.1344 180.83  0.94291
 5 22  3 8 1 o     824.3729    967.1871 180.71  0.94227
 6 26  0 4 1 o     465.4583    546.4908   0.27  0.94219
 8 18  3 8 1 o      21.9627     25.8512   0.17  0.94196
 4 10  5 8 1 o     321.7964    378.7597   1.25  0.94195
 5  8  5 8 1 o     287.1814    340.5929 179.56  0.94135
 1 20  4 8 1 o     565.0397    670.0706 180.43  0.94133
 6 16  4 8 1 o    1077.7328   1279.5221 180.26  0.94128
13  5  2 8 1 o       7.9816      9.4836 182.18  0.94111
 6 21  3 8 1 o      46.0367     54.9207 180.71  0.94097
 9 16  3 8 1 o       0.7575      0.9052 359.63  0.94083
 7 25  0 4 1 o    2201.7380   2635.5757   0.43  0.94076
 2 28  1 8 1 o     509.7773    610.8226 180.67  0.94070
 0 13  5 4 1 o     123.6200    149.8699   0.07  0.94017
11 15  2 8 1 o      88.8827    108.1033 359.41  0.93974
 8 12  4 8 1 o     806.4583    986.6752 180.38  0.93942
 6 24  2 8 1 o       6.8061      8.4191 181.51  0.93912
 2 24  3 8 1 o     298.0518    370.0629   0.38  0.93911
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 1 13  5 8 1 o     186.9257    237.2343 180.53  0.93784
 5 27  0 4 1 o     236.3602    297.4172   0.26  0.93781
 6  5  5 8 1 o      12.7760     16.0188   0.91  0.93779
 4 23  3 8 1 o     409.2520    517.9616   0.38  0.93776
10  0  4 4 1 o     816.6715   1014.6111   0.16  0.93706
 5 25  2 8 1 o     355.2095    449.1808 180.69  0.93703
12  2  3 8 1 o      23.3419     28.9746   0.24  0.93667
14  1  1 8 1 o      30.0141     37.3703 180.11  0.93653
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10  1   4 8 1 o      443.3667     551.2944 359.84  0.93649
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 9  9   4 8 1 o       15.4953      19.3193 180.43  0.93549
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13  6   2 8 1 o     1899.0701    2359.1873   0.50  0.93490
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10  2   4 8 1 o      121.4874     150.8301 180.65  0.93481
10 20   1 8 1 o      303.2891     378.5560 180.25  0.93440
 2 20   4 8 1 o      624.8321     781.5872   0.21  0.93436
 1 27   2 8 1 o       21.2352      26.5245 180.46  0.93411
 9 20   2 8 1 o       15.0747      18.8041 359.40  0.93393
 7 20   3 8 1 o        6.0230       7.5177   3.66  0.93392
12  3   3 8 1 o      460.3602     570.7224 181.02  0.93388
 8 24   0 4 1 o     4321.1294    5392.7798   0.41  0.93359
 3 12   5 8 1 o     1182.3561    1478.5059   0.60  0.93340
10 18   2 8 1 o      129.3893     161.3147 181.50  0.93270
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10  3   4 8 1 o       61.6079      76.4687 178.32  0.93204
 5  9   5 8 1 o       34.9756      43.6952 180.84  0.93181
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 6  6   5 8 1 o       92.9539     115.9450   0.48  0.93165
13 11   1 8 1 o      597.0809     742.8690   0.51  0.93160
 9 22   1 8 1 o       39.5362      49.3377 180.62  0.93119
12 15   1 8 1 o       54.1509      67.4460 181.37  0.93100
 2 13   5 8 1 o       98.9650     123.7238   0.56  0.93095
10 14   3 8 1 o       15.7157      19.5627   0.71  0.93063
 1 29   0 4 1 o      144.7670     180.5250 179.85  0.93046
 4 11   5 8 1 o       80.2457     100.1352 359.82  0.93018
12  4   3 8 1 o       60.3600      74.9776 180.27  0.93001
 4 26   2 8 1 o      172.0495     215.0901 180.40  0.92928
 3 28   1 8 1 o       31.2175      39.0348   1.11  0.92921
 7 15   4 8 1 o      157.6491     197.7538 180.35  0.92870
11 18   1 8 1 o       32.4529      40.7157   0.45  0.92863
 4 19   4 8 1 o     1606.2426    2019.3777 180.68  0.92862
 5 18   4 8 1 o      604.9076     760.5043   0.47  0.92859
12 16   0 4 1 o      222.1477     279.0357 180.54  0.92844
14  4   1 8 1 o      267.4879     335.3086 180.78  0.92822
10  4   4 8 1 o      205.4368     257.3887 180.60  0.92819
 4 28   0 4 1 o       44.1266      55.8963 180.32  0.92786
13  7   2 8 1 o        0.6341       0.7974 356.92  0.92773
 3 24   3 8 1 o      333.1944     424.4286 180.61  0.92767
 6 26   1 8 1 o     3974.3071    5061.7534 180.64  0.92748
 2 27   2 8 1 o        1.6002       2.0457   0.14  0.92731
 8 22   2 8 1 o        6.3110       8.1330 179.98  0.92622
 7 25   1 8 1 o      141.9444     183.1998 180.67  0.92612
 8 13   4 8 1 o     1304.2443    1669.4286 180.47  0.92557
12  5   3 8 1 o       22.5542      28.3599   0.54  0.92510
 9 10   4 8 1 o      300.2417     380.6860 180.26  0.92504
 6  7   5 8 1 o        5.5423       7.0547 359.68  0.92455
11 11   3 8 1 o       33.5676      42.1103 359.29  0.92439
14  5   1 8 1 o        4.1537       5.1024 359.38  0.92334
10  5   4 8 1 o        0.9604       1.1779 353.80  0.92331
 5 27   1 8 1 o      374.2388     464.3812 180.52  0.92331
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 3 20   4 8 1 o      4.5515     5.6396 177.20  0.92310
 6 17   4 8 1 o   5017.2803   6174.6978   0.58  0.92302
 1 14   5 8 1 o     13.8249    17.0568   0.94  0.92298
11 19   0 4 1 o     30.4929    37.2483 180.83  0.92285
11 16   2 8 1 o    115.7941   140.3456 179.77  0.92264
 9 17   3 8 1 o     23.3601    28.2948 180.03  0.92259
 7  1   5 8 1 o     39.3331    46.3495 359.85  0.92159
 8 19   3 8 1 o     47.2939    55.5173 179.80  0.92151
 5 10   5 8 1 o    185.5392   217.3331   1.04  0.92148
 0 25   3 4 1 o   2618.0417   3036.6721 180.43  0.92122
 9 23   0 4 1 o   1620.6248   1879.6600 180.50  0.92107
 7  2   5 8 1 o      5.9213     6.7841 357.86  0.91999
13 13   0 4 1 o      2.2213     2.5437   4.87  0.91986
 3 13   5 8 1 o     97.5283   109.9681   0.43  0.91981
13  8   2 8 1 o      7.2978     8.3886 180.65  0.91965
 8 24   1 8 1 o   1274.7251   1445.4938 180.57  0.91927
12  6   3 8 1 o      6.9406     7.9817   0.14  0.91920
13 12   1 8 1 o     10.6730    12.2056   0.55  0.91914
 1 25   3 8 1 o     11.0543    12.4648   1.07  0.91903
 1 21   4 8 1 o    558.6596   629.9380   0.46  0.91879
12 13   2 8 1 o    414.2060   474.6916   0.35  0.91854
 0 29   1 4 1 o    896.8036  1021.3218 180.39  0.91846
 4 12   5 8 1 o      0.0022     0.0025 198.29  0.91779
 5 23   3 8 1 o     24.7064    28.4596 179.96  0.91755
14  6   1 8 1 o      4.0830     4.7312 180.21  0.91748
10  6   4 8 1 o    599.2355   694.7991 180.38  0.91745
 6 22   3 8 1 o     33.5444    38.7679 180.42  0.91740
 7  3   5 8 1 o     60.7522    70.4213 359.35  0.91734
14  8   0 4 1 o   1800.0844  2108.3069 180.30  0.91661
 6  8   5 8 1 o   1960.9061  2302.4460 180.66  0.91656
 2 14   5 8 1 o    360.3267   425.6382 180.61  0.91641
 3 27   2 8 1 o      0.5956     0.7037 358.08  0.91629
 1 29   1 8 1 o    163.2309   192.6761   0.65  0.91628
10 15   3 8 1 o    620.3225   739.6317   0.97  0.91505
12 16   1 8 1 o    478.1915   572.4457   0.39  0.91436
 9 11   4 8 1 o      1.3827     1.6542   0.73  0.91389
 4 28   1 8 1 o   1198.5746  1441.3203   0.70  0.91380
 7  4   5 8 1 o   1036.7446  1242.7363 180.54  0.91367
 3 29   0 4 1 o    127.8430   154.1462 180.90  0.91284
10 19   2 8 1 o    108.4207   130.5310 179.86  0.91284
 6 25   2 8 1 o      4.2659     5.1586   3.69  0.91256
 2 25   3 8 1 o    793.1917   961.4257 180.27  0.91255
12  7   3 8 1 o    144.9868   173.4038   0.58  0.91238
10 21   1 8 1 o     11.1547    13.4809 358.09  0.91235
 4 24   3 8 1 o      0.0197     0.0238 304.52  0.91234
 2 21   4 8 1 o    465.6792   566.2252 180.44  0.91231
11 12   3 8 1 o     63.4584    76.2007   1.11  0.91222
 7 16   4 8 1 o    181.5709   219.7160   0.56  0.91219
 9 21   2 8 1 o    420.8176   510.0034 179.90  0.91191
 7 21   3 8 1 o      1.3871     1.6845 180.75  0.91190
 8 14   4 8 1 o      6.0368     7.3115 181.42  0.91128
13  9   2 8 1 o    110.1122   131.8836 180.05  0.91074
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10  7   4 8 1 o     41.4395    49.5783   0.07  0.91066
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 5 11  5 8 1 o      26.7235     32.6221   0.74  0.91045
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 2 29  1 8 1 o     295.7439    357.3319 180.69  0.90986
 5 26  2 8 1 o      35.5285     42.8454 359.91  0.90960
11 19  1 8 1 o      28.8356     34.0361 180.33  0.90902
 7  5  5 8 1 o     115.3902    135.7367 180.57  0.90901
 5 19  4 8 1 o      19.1693     22.8106   2.21  0.90899
 4 20  4 8 1 o      43.1200     49.5920   1.16  0.90799
 1 15  5 8 1 o    1925.0637   2197.9009 180.51  0.90778
 6  9  5 8 1 o    4775.7344   5424.9897 180.30  0.90774
 9 23  1 8 1 o      83.5013     93.5719   0.07  0.90731
 0 28  2 4 1 o      14.6173     16.2241 180.06  0.90700
13 13  1 8 1 o     353.1923    383.2087   0.30  0.90616
 3 14  5 8 1 o     442.1301    473.8134 180.73  0.90578
11 17  2 8 1 o     183.2706    195.3158   1.05  0.90542
 1 28  2 8 1 o      37.7953     39.7541   0.02  0.90491
 4 13  5 8 1 o       0.0749      0.0786 182.13  0.90486
 6 18  4 8 1 o    2325.3059   2438.3015 180.29  0.90476
12  8  3 8 1 o      15.2943     16.0766 180.30  0.90469
12 14  2 8 1 o     675.8382    707.3326 180.40  0.90457
 9 18  3 8 1 o      51.8129     53.9162 180.42  0.90436
10 22  0 4 1 o    1198.3179   1230.9669 180.27  0.90383
 7  6  5 8 1 o    2954.8381   3011.8301   0.53  0.90342
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10  8  4 8 1 o      77.7495     78.8503 180.68  0.90302
 8 23  2 8 1 o     689.9124    689.4466 180.75  0.90272
 9 12  4 8 1 o    2329.5815   2311.4983 180.52  0.90212
 3 25  3 8 1 o     114.9008    112.4291 359.95  0.90204
 3 21  4 8 1 o     137.8109    133.7717   0.35  0.90182
 0 30  0 2 1 o    3162.0715   3085.7253   0.59  0.90164
 2 15  5 8 1 o    1399.6993   1349.3848 180.56  0.90153
 4 27  2 8 1 o     172.4455    167.2117 180.16  0.90151
 8 20  3 8 1 o      58.6746     56.9385 180.00  0.90134
13 10  2 8 1 o     594.5912    583.0648   0.20  0.90109
 6 27  1 8 1 o    1116.8706   1070.2574   0.24  0.89987
 7 26  1 8 1 o    6872.4028   6596.5029   0.48  0.89961
11 13  3 8 1 o     130.7568    127.3087 180.45  0.89952
 3 29  1 8 1 o     108.0384    103.9174 359.51  0.89945
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 0 22  4 4 1 o      35.9646     34.6217   1.39  0.89885
 5 12  5 8 1 o      50.8927     49.2662 181.84  0.89882
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 6 10  5 8 1 o    1477.0381   1451.2759 180.72  0.89818
12 17  1 8 1 o      27.4841     27.3235   1.03  0.89759
 7  7  5 8 1 o      18.5965     18.6460 181.82  0.89694
 1 22  4 8 1 o      63.4291     63.7227   0.48  0.89681
 8 15  4 8 1 o    4027.6077   4049.3374   0.45  0.89664
12  9  3 8 1 o      79.1505     79.8972 183.71  0.89621
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 7 17  4 8 1 o    4980.2085   5026.8081 180.46  0.89554
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 5 28  1 8 1 o     979.3058    987.7139 180.66  0.89507
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 6 23  3  8  1  o     227.9949    229.5877 180.38  0.89454
 8 25  1  8  1  o    1958.4531   1975.3628   0.45  0.89431
 5 24  3  8  1  o      94.1470     95.0073   1.10  0.89370
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 2 30  0  4  1  o    3003.0752   3047.6763 180.49  0.89351
12 18  0  4  1  o      63.9084     65.1319 175.78  0.89335
10 20  2  8  1  o      71.1200     72.5630 180.45  0.89322
 1 26  3  8  1  o    9419.8496   9561.1562 180.38  0.89312
13 14  1  8  1  o     215.3438    222.2633 180.58  0.89273
 1 16  5  8  1  o     169.7125    175.3175   0.59  0.89234
11  0  4  4  1  o     773.7893    814.9816 181.69  0.89193
 4 14  5  8  1  o     850.4182    905.0956   0.66  0.89149
13 15  0  4  1  o    1707.8230   1819.3887   0.30  0.89145
11  1  4  8  1  o     120.2271    127.9966   0.71  0.89144
 3 15  5  8  1  o     647.7869    691.8444   0.57  0.89140
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 2 22  4  8  1  o      15.8508     17.3462 359.43  0.89079
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 9 22  2  8  1  o     190.2168    209.7237 180.58  0.89041
 7 22  3  8  1  o     583.6737    644.8572   0.70  0.89040
12 15  2  8  1  o      77.2953     85.1554   1.13  0.89025
 8  1  5  8  1  o      38.4548     42.3254   0.23  0.89023
11  2  4  8  1  o      55.2793     60.7828   0.53  0.89000
 9 13  4  8  1  o      37.1707     41.4071   0.36  0.88983
11 20  1  8  1  o       8.5437      9.6184   0.18  0.88964
 7  8  5  8  1  o    7253.3955   8145.9189 180.51  0.88963
 5 20  4  8  1  o     773.0444    879.5237 180.37  0.88961
 8  2  5  8  1  o     269.9522    305.8370   0.47  0.88879
 3 28  2  8  1  o      13.4268     15.5475 180.14  0.88868
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11 18  2  8  1  o     401.5637    460.9605   1.86  0.88817
 6 11  5  8  1  o     887.7460   1029.0270   0.34  0.88796
 4 25  3  8  1  o     191.9300    224.8745 180.66  0.88793
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 4 21  4  8  1  o     720.6443    847.8373   0.59  0.88771
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 6 26  2  8  1  o     215.5730    249.7411 180.56  0.88717
 2 26  3  8  1  o      62.1032     72.5792 180.47  0.88716
12 10  3  8  1  o      37.7880     42.3457 180.24  0.88701
 1 30  1  8  1  o     313.5346    358.8134 180.44  0.88676
 5 13  5  8  1  o       3.8455      4.4206   0.89  0.88666
 7 27  0  4  1  o     319.3517    364.7379 180.09  0.88664
 6 19  4  8  1  o    2523.7183   2891.7439   0.60  0.88660
 8  3  5  8  1  o     246.9410    274.9923 180.84  0.88640
 2 16  5  8  1  o     274.2966    315.8158 180.43  0.88640
11 14  3  8  1  o      20.5340     22.8468   0.16  0.88638
 9 19  3  8  1  o       0.0016      0.0018 184.41  0.88622
 7 25  2  8  1  o     326.7513    364.9339 180.24  0.88598
 6 28  0  4  1  o      74.2024     82.6033   0.36  0.88594
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 4 29  1  8  1  o    1057.2476   1149.9226 180.34  0.88545
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10 10  4 8 1 o      167.3696    179.3314   0.31  0.88543
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11  4  4 8 1 o      124.5788    126.5913   0.32  0.88427
 9 24  1 8 1 o      183.5367    185.7108   0.79  0.88423
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 5 27  2 8 1 o      435.5940    421.6638 180.23  0.88351
10 17  3 8 1 o        0.4992      0.4814 355.59  0.88328
 8  4  5 8 1 o      303.1465    291.0825   0.74  0.88309
11 21  0 4 1 o     1112.3855   1039.3701 180.40  0.88267
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 7 18  4 8 1 o      501.8622    479.2449   0.89  0.87884
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 1 17  5 8 1 o        3.1902      3.2634 359.63  0.87673
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12 16  2 8 1 o      116.0077    120.2472   0.59  0.87567
14 11  1 8 1 o        3.0305      3.1392 358.93  0.87566
10 11  4 8 1 o      602.2648    624.0164   0.23  0.87563
 1 23  4 8 1 o       36.8741     38.4905   0.48  0.87542
 4 28  2 8 1 o        1.3940      1.4558 180.47  0.87517
11  6  4 8 1 o     2226.4089   2321.6128 180.62  0.87497
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 1  2  6 8 1 o      503.8399    528.5475   0.58  0.87451
 7 27  1 8 1 o      758.4446    795.5151 180.71  0.87435
 5 14  5 8 1 o      438.5017    460.3947   0.81  0.87407
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11 15  3 8 1 o    233.2778    246.6924   0.42  0.87289
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 2 23  4 8 1 o    658.1199    739.9642   0.61  0.86982
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 9 20  3 8 1 o    235.9015    287.4807 180.52  0.86823
 8  7  5 8 1 o     28.4709     34.8299 180.94  0.86796
 4 22  4 8 1 o     11.3655     14.3878 179.44  0.86784
10 18  3 8 1 o      2.5806      3.2601 180.15  0.86724
12 12  3 8 1 o      7.9928     10.0247   0.13  0.86674
 8 17  4 8 1 o   5451.7549   7027.8574 180.46  0.86669
 2  3  6 8 1 o    679.5016    906.1199   0.44  0.86668
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 6 13  5 8 1 o      0.0793      0.1032 170.85  0.86585
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10 12  4 8 1 o    473.8454    592.3371   0.33  0.86527
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 4 26  3 8 1 o      2.3471      2.9261 177.54  0.86449
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 7 11  5 8 1 o     60.7159    71.4240 180.93  0.86341
13  7  3 8 1 o     56.2112    65.5021   0.67  0.86324
 6 27  2 8 1 o    159.4268   184.0574   0.17  0.86291
 2 27  3 8 1 o    202.0088   232.9633   2.35  0.86291
 7 26  2 8 1 o    160.9551   184.4285 180.03  0.86269
 3 29  2 8 1 o    207.5140   236.6388 180.54  0.86254
11  8  4 8 1 o     70.0663    79.9730   0.19  0.86243
 7 19  4 8 1 o    664.1552   750.3702 180.50  0.86216
 0  6  6 4 1 o      7.9691     8.9486 352.67  0.86203
 8 22  3 8 1 o     69.4470    78.2611   0.36  0.86203
13 17  0 4 1 o   2515.9712  2838.5579 180.04  0.86199
 9 25  1 8 1 o    681.7441   766.9944   0.43  0.86195
 3 17  5 8 1 o    169.6621   190.1747 180.16  0.86195
 3  0  6 4 1 o    315.2833   351.4616 179.56  0.86158
 8  8  5 8 1 o   2472.3757  2761.4316   0.47  0.86133
 3  1  6 8 1 o    177.2675   196.5220   1.11  0.86114
 5 15  5 8 1 o    247.1574   274.1907 180.30  0.86113
 1 18  5 8 1 o      4.7516     5.2588   0.90  0.86104
12 17  2 8 1 o    297.1074   330.1112   0.64  0.86091
 0 31  1 4 1 o    448.9599   497.3347 180.39  0.86084
 3 23  4 8 1 o    175.2315   193.3630 180.63  0.86070
10 24  0 4 1 o   3606.6223  3990.5356 180.49  0.86070
15  6  1 8 1 o      4.1341     4.5783 179.77  0.86030
 1  6  6 8 1 o      6.2801     6.9063 357.27  0.86024
 3  2  6 8 1 o    204.5997   224.5278 359.72  0.85983
 2  5  6 8 1 o     66.1421    72.4729 180.45  0.85965
11 16  3 8 1 o     52.4453    57.5940   0.08  0.85914
 1 31  1 8 1 o    248.3053   271.9617 180.48  0.85905
 4 30  1 8 1 o    212.4923   232.5073 180.79  0.85872
 5 28  2 8 1 o    197.2693   215.7194   0.25  0.85868
12 20  0 4 1 o   1308.8673  1433.1958   0.12  0.85847
 9  1  5 8 1 o     36.0273    39.5502   0.53  0.85830
14  9  2 8 1 o    165.8950   182.2065   0.17  0.85827
 8 25  2 8 1 o    131.8708   144.2917 180.55  0.85801
 3  3  6 8 1 o      7.1881     7.8611 180.75  0.85767
 9  2  5 8 1 o     71.9206    79.2084   0.52  0.85700
13  8  3 8 1 o   1200.2827  1323.9983 359.99  0.85672
13 14  2 8 1 o    996.0424  1098.9772   0.32  0.85661
 0 24  4 4 1 o    194.3474   214.7113   0.80  0.85640
 3 31  0 4 1 o    196.7652   217.7199 180.89  0.85621
12 13  3 8 1 o      2.5549     2.8310 359.16  0.85583
 2 18  5 8 1 o      7.0994     7.9006   0.16  0.85571
11  9  4 8 1 o     17.3749    19.3025 180.43  0.85507
10 22  2 8 1 o     46.5118    51.8976 180.52  0.85492
 2  6  6 8 1 o     74.4430    83.3821 178.30  0.85492
 9  3  5 8 1 o     22.5665    25.0999   2.68  0.85486
15  7  1 8 1 o    320.1713   356.0408 180.73  0.85470
 3  4  6 8 1 o     51.4258    57.6346 180.78  0.85467
 1 24  4 8 1 o      4.4668     5.0101 170.36  0.85464
 1  7  6 8 1 o     19.5139    21.8875 180.42  0.85464
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14 13  1 8 1 o      51.2351      57.0726 180.19  0.85443
10 13  4 8 1 o     273.7840     304.9837   0.46  0.85441
14 14  0 4 1 o     249.6638     278.2547   0.79  0.85416
 6 14  5 8 1 o     545.7385     610.7381 180.79  0.85411
 3 27  3 8 1 o     231.1987     259.1948   0.53  0.85401
 8  9  5 8 1 o    7445.0806    8300.2578 180.50  0.85400
11 20  2 8 1 o      16.9597      18.9270 359.83  0.85388
 2 31  1 8 1 o      44.3601      49.5757   0.46  0.85375
 7 12  5 8 1 o    2787.5620    3108.1086   0.57  0.85347
 0 30  2 4 1 o      91.8491     102.3578 179.01  0.85307
15  9  0 4 1 o     221.5680     243.7662 180.25  0.85230
 9  4  5 8 1 o      98.0329     107.3503   0.80  0.85189
11 22  1 8 1 o       6.9447       7.6092 180.09  0.85178
 5 22  4 8 1 o      37.3882      41.0159 180.45  0.85175
 8 18  4 8 1 o    1611.6433    1758.9366 180.61  0.85152
 1 30  2 8 1 o     102.1432     111.1844 358.61  0.85133
10 19  3 8 1 o      38.4809      41.7771 180.50  0.85121
 6 25  3 8 1 o     420.3661     454.7172 180.79  0.85098
 3  5  6 8 1 o     657.9629     709.9407   0.66  0.85085
 6 21  4 8 1 o    2509.9463    2705.4788 180.48  0.85079
 9 16  4 8 1 o     268.7167     289.3257 180.46  0.85069
13 17  1 8 1 o     238.3957     256.6870   0.32  0.85068
 9 21  3 8 1 o       3.1660       3.3945   1.52  0.85046
 7 28  1 8 1 o      57.9084      61.8508   0.94  0.85026
14 10  2 8 1 o     327.9665     351.0250   0.26  0.85018
 4 29  2 8 1 o    1012.7303    1079.7043   0.44  0.85018
 0  8  6 4 1 o       4.2718       4.5349   1.30  0.85003
 4 17  5 8 1 o      48.2392      50.8538   0.50  0.84961
13  9  3 8 1 o     160.3405     170.3912 180.80  0.84951
10 24  1 8 1 o     193.1688     203.8853   1.11  0.84944
 2 24  4 8 1 o     219.0787     230.1926 359.95  0.84942
 2  7  6 8 1 o      17.9593      18.8700 359.94  0.84942
12  0  4 4 1 o     782.1678     830.4819   0.99  0.84928
 4  0  6 4 1 o    1821.9185    1914.1699 180.87  0.84925
 9 24  2 8 1 o    1189.0601    1249.8381 180.61  0.84909
 7 24  3 8 1 o    1492.0571    1566.3954 180.58  0.84909
12  1  4 8 1 o     332.6524     352.0909 180.61  0.84887
 4  1  6 8 1 o     220.4715     230.6292   0.55  0.84883
 6 29  1 8 1 o     500.5386     524.4285 180.65  0.84880
 5 26  3 8 1 o    2861.8865    2988.1531 180.99  0.84858
 4 23  4 8 1 o    1509.0720    1571.4680 180.67  0.84842
15  8  1 8 1 o       9.9827      10.5105 179.51  0.84837
 1  8  6 8 1 o       2.7945       2.9065 178.86  0.84831
 9  5  5 8 1 o     152.2142     159.9930   0.57  0.84811
 5 16  5 8 1 o     567.5903     591.2060   0.56  0.84792
12  2  4 8 1 o      34.2719      36.1364 179.36  0.84761
 4  2  6 8 1 o      86.7888      90.4788   0.35  0.84758
 8 27  1 8 1 o    2348.4067    2453.7122   0.53  0.84744
12 20  1 8 1 o     166.2971     174.1924 180.50  0.84730
11 10  4 8 1 o     374.0519     393.8635   0.20  0.84707
 0 19  5 4 1 o     108.8398     113.5078   0.24  0.84705
 3 18  5 8 1 o      40.0285      41.7509   0.47  0.84703
 3  6  6 8 1 o     143.3052     150.4344   0.63  0.84626
 2 30  2 8 1 o       0.1328       0.1397 326.21  0.84617
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12 18  2 8 1 o    1591.3457   1680.1656   1.01  0.84604
 8 10  5 8 1 o    1536.3455   1622.2463   0.51  0.84603
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12  3  4 8 1 o      39.0123     41.4590 181.46  0.84554
 4  3  6 8 1 o     464.3283    490.9129 180.79  0.84551
 1 19  5 8 1 o      79.0941     83.6658   0.32  0.84534
 0 32  0 2 1 o      21.2465     22.5312 181.34  0.84529
11 17  3 8 1 o     100.6555    106.9761   0.06  0.84518
 3 31  1 8 1 o      17.1506     18.2081 179.58  0.84513
 1 28  3 8 1 o      12.6219     13.4280 181.10  0.84477
12 14  3 8 1 o      34.2540     36.6317 180.32  0.84449
13 15  2 8 1 o       7.5371      8.0631   0.96  0.84442
11 23  0 4 1 o      50.6818     54.3807   0.32  0.84401
 9  6  5 8 1 o     250.7245    270.3392 180.99  0.84356
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14 14  1 8 1 o     252.1777    273.0066 180.91  0.84315
10 14  4 8 1 o     205.2880    222.3014   0.54  0.84313
 5 30  1 8 1 o     120.2521    130.3076 180.35  0.84313
 7 13  5 8 1 o       3.7421      4.0581 357.69  0.84304
 8 23  3 8 1 o      66.1624     71.8137   0.44  0.84298
12  4  4 8 1 o       0.0519      0.0564   7.00  0.84266
 4  4  6 8 1 o     198.2348    216.1885   0.36  0.84263
15  0  2 4 1 o    2037.9506   2221.1990 180.51  0.84216
 6 15  5 8 1 o      42.3905     46.4857   0.41  0.84203
 4 27  3 8 1 o     255.5912    280.6017 181.61  0.84200
15  1  2 8 1 o       5.6195      6.1380 177.94  0.84175
13 10  3 8 1 o       0.0641      0.0701 313.17  0.84166
14 11  2 8 1 o     314.5439    344.3406 180.61  0.84150
15  9  1 8 1 o    6584.7788   7211.8359   0.40  0.84136
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 3 24  4 8 1 o      98.6973    108.9243 358.74  0.84093
 3  7  6 8 1 o     548.1997    604.8022   0.56  0.84093
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 9 26  1 8 1 o     387.3512    425.7149   0.25  0.84046
 7 27  2 8 1 o      35.9899     39.5461 359.92  0.84033
 2 19  5 8 1 o      11.4666     12.6227 180.37  0.84029
 6 28  2 8 1 o      97.0536    106.2715   0.32  0.83973
 2 28  3 8 1 o      21.9311     24.0273   0.03  0.83973
12  5  4 8 1 o     279.2655    304.3491 180.36  0.83901
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 2 32  0 4 1 o       0.0078      0.0085  93.65  0.83858
15  3  2 8 1 o       1.8809      2.0475 358.69  0.83851
11 11  4 8 1 o      22.8330     24.8438   0.23  0.83848
 9  7  5 8 1 o     515.1172    560.0304   0.52  0.83828
 3 30  2 8 1 o      14.8876     16.1210 177.37  0.83778
 7 29  0 4 1 o     119.5400    129.4999 359.33  0.83767
 8 11  5 8 1 o     586.7960    636.8736   0.32  0.83747
 9 17  4 8 1 o     622.2532    675.8510 180.44  0.83714
11 21  2 8 1 o     278.8628    303.1065 180.91  0.83695
 8 26  2 8 1 o     429.0723    466.3578 180.36  0.83681
14  1  3 8 1 o     135.6909    148.1550 180.52  0.83675
13 18  1 8 1 o       2.2299      2.4391   1.30  0.83633
10 23  2 8 1 o       0.6617      0.7233 173.55  0.83633
 8 19  4 8 1 o    1560.2186   1705.5493 180.56  0.83633
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 8 28  0 4 1 o      21.8045     24.0389 359.58  0.83577
15  4  2 8 1 o      51.0122     56.2419 179.35  0.83570
14  2  3 8 1 o      64.2923     70.9800 180.30  0.83555
 6 30  0 4 1 o      43.9421     48.6993   0.59  0.83548
 0 10  6 4 1 o      57.3671     63.8629   0.24  0.83531
 4 18  5 8 1 o       0.8318      0.9259   0.22  0.83531
10 20  3 8 1 o      21.9792     24.4445 180.28  0.83523
 5 29  2 8 1 o     611.6709    683.8446   0.41  0.83503
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12  6  4 8 1 o     204.8189    228.5717   0.60  0.83460
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 5 17  5 8 1 o      62.9793     71.2185   0.29  0.83449
 1 25  4 8 1 o     591.6960    670.5936   0.43  0.83447
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15 10  1 8 1 o       1.3298      1.4996 174.90  0.83373
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 4 31  1 8 1 o      31.5548     36.0149 180.46  0.83348
11 23  1 8 1 o      62.2240     70.9426 179.63  0.83339
 5 23  4 8 1 o      32.4631     37.2631   1.31  0.83336
 6 22  4 8 1 o     242.9193    278.5473   0.39  0.83325
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13 11  3 8 1 o      22.4665     25.3453 179.17  0.83323
 1 32  1 8 1 o      80.7735     92.3455 180.56  0.83299
 9 22  3 8 1 o     358.7451    409.6888 180.58  0.83294
12 15  3 8 1 o     428.4120    485.0927 181.15  0.83280
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 9  8  5 8 1 o     343.1811    387.7195 180.11  0.83231
14 12  2 8 1 o     227.8929    256.8457 180.64  0.83228
 7 14  5 8 1 o     531.3151    604.8876 180.77  0.83220
15  5  2 8 1 o      32.7913     36.7635   1.35  0.83213
13 19  0 4 1 o      73.4061     83.2226   1.80  0.83211
 3 19  5 8 1 o       0.3974      0.4562 180.89  0.83207
13 16  2 8 1 o     439.1539    494.9634   0.24  0.83195
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 3 28  3 8 1 o    1558.7775   1767.8215   0.68  0.83152
14 15  1 8 1 o      18.0299     20.1935   1.76  0.83152
10 15  4 8 1 o     904.8686   1013.3894 180.63  0.83149
12 19  2 8 1 o     418.3208    465.9232   0.57  0.83113
11 18  3 8 1 o     126.3889    140.5759 180.32  0.83110
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12 21  1 8 1 o     159.1632    175.9323   0.97  0.83076
 5  3  6 8 1 o     908.2120   1002.6763   0.54  0.83061
 6 26  3 8 1 o      44.9428     49.1370 180.91  0.83028
 9 27  0 4 1 o     697.2994    750.0459   0.23  0.82986
14 16  0 4 1 o     443.0151    473.3161 180.16  0.82970
 1 20  5 8 1 o     113.4555    121.4575   0.06  0.82969
 6 16  5 8 1 o      82.4704     88.0981 180.94  0.82966
10 25  1 8 1 o      47.1937     50.3553   0.58  0.82964
 2 25  4 8 1 o     241.9464    258.1761   0.48  0.82961
12  7  4 8 1 o     723.2616    767.4000 180.36  0.82949
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 9 25  2 8 1 o     309.5541   326.4179 180.54  0.82931
 7 25  3 8 1 o       0.4423     0.4662   1.36  0.82930
 5 31  0 4 1 o     109.9347   115.8089   1.43  0.82928
 7 21  4 8 1 o     157.5855   165.0188   0.44  0.82913
 2 10  6 8 1 o       3.9565     4.0889 180.53  0.82883
 8 12  5 8 1 o      89.6625    91.9048 180.80  0.82839
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 2 32  1 8 1 o     649.3622   659.3989 180.64  0.82815
 5  4  6 8 1 o      53.2741    53.6561 180.01  0.82788
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 7 29  1 8 1 o      15.3936    15.3440 181.11  0.82728
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15 11  1 8 1 o    1544.7507  1541.0131 180.51  0.82554
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 8 24  3 8 1 o     302.7388   300.9348 180.56  0.82438
12 22  0 4 1 o     228.2581   227.2514   0.37  0.82431
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 9 18  4 8 1 o    9134.4023  9123.6816 180.52  0.82345
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 1 29  3 8 1 o     203.3309   202.3958   0.61  0.82222
 2 31  2 8 1 o     195.3649   194.8611 180.63  0.82199
13 19  1 8 1 o     257.6017   258.1413 180.24  0.82192
 3 25  4 8 1 o      97.1597    96.5625   0.39  0.82170
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 8 20  4 8 1 o       7.3341     7.3546 180.13  0.82116
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 5 18  5 8 1 o      87.0027    86.9782   0.33  0.82093
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 2 11  6 8 1 o     104.5047   104.3965 180.05  0.82078
10  4  5 8 1 o     146.3385   149.1826 180.39  0.82065
 4 28  3 8 1 o      83.7093    84.3792   0.32  0.82042
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10 26  0 4 1 o      16.8583     17.1498   1.15  0.82018
11 13  4 8 1 o       5.0863      5.2685 179.96  0.81978
 9 27  1 8 1 o    9391.8486   9660.8174   0.49  0.81975
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14 16  1 8 1 o      18.2684     18.9798 182.12  0.81960
10 16  4 8 1 o       1.2853      1.3357   0.58  0.81958
10 21  3 8 1 o     405.2325    423.0299 181.16  0.81937
16  6  0 4 1 o     751.2018    788.6335 180.33  0.81936
 4 32  0 4 1 o       1.9095      1.9918 183.67  0.81935
13 17  2 8 1 o    1104.7858   1160.3510   0.75  0.81926
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 8 13  5 8 1 o      13.8351     14.7378   0.62  0.81884
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 6 29  2 8 1 o     309.3823    349.1610 180.65  0.81758
 2 29  3 8 1 o     757.2357    857.4429   0.26  0.81757
15 13  0 4 1 o     148.4364    167.4238 181.23  0.81734
12  9  4 8 1 o     347.0861    390.2988   0.18  0.81728
10  5  5 8 1 o       0.1638      0.1845 353.40  0.81727
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15  8  2 8 1 o     158.6169    178.8649 179.94  0.81719
 3 20  5 8 1 o     191.6799    222.0943   0.61  0.81713
 6 17  5 8 1 o     146.7760    169.2525   0.59  0.81707
16  4  1 8 1 o     563.4986    639.0873   0.70  0.81698
11 19  3 8 1 o      50.3568     57.6935 180.11  0.81696
15 12  1 8 1 o      29.6366     33.8749   0.87  0.81684
 1 12  6 8 1 o     880.7389   1033.0903   0.40  0.81678
 6  0  6 4 1 o      86.8800    100.6165 181.85  0.81675
 0 26  4 4 1 o     375.5304    444.1720   0.46  0.81646
 6  1  6 8 1 o     340.5733    397.6375 180.51  0.81638
 8 27  2 8 1 o      63.5519     74.4693 180.17  0.81636
12 20  2 8 1 o     358.7290    417.8372 180.78  0.81624
 6 23  4 8 1 o    1638.1851   1936.0201   0.66  0.81601
 9 23  3 8 1 o     187.3616    220.2217 180.42  0.81572
 0 21  5 4 1 o     116.3770    138.4348 181.32  0.81566
11 24  1 8 1 o       1.0210      1.1990 183.43  0.81540
 5 24  4 8 1 o     634.7989    751.1514 180.04  0.81538
 5  7  6 8 1 o      89.0509    104.9953 180.93  0.81537
 6  2  6 8 1 o     257.6123    302.2802 180.53  0.81527
 1 26  4 8 1 o      33.8436     39.9366 359.95  0.81493
13 13  3 8 1 o      36.4153     42.2112   0.57  0.81488
12 22  1 8 1 o      48.3438     56.2393 180.60  0.81441
 3 31  2 8 1 o     139.9549    163.0374 180.61  0.81429
 1 21  5 8 1 o    1218.7399   1420.8931   0.54  0.81414
16  5  1 8 1 o       0.7627      0.8777 173.96  0.81365
 6  3  6 8 1 o    1281.0355   1479.7715   0.57  0.81342
10  6  5 8 1 o     143.0375    164.4548   0.81  0.81320
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 3 11  6 8 1 o      77.3644      89.4494 180.94  0.81311
 7 22  4 8 1 o      30.1593      34.7942   0.77  0.81287
14  8  3 8 1 o      38.1530      43.7453 180.42  0.81262
14 14  2 8 1 o     415.3105     476.9977   0.42  0.81252
 5 30  2 8 1 o     720.3890     830.4553   0.08  0.81250
 2 12  6 8 1 o    1175.7659    1357.5349 180.57  0.81222
 4 25  4 8 1 o     251.8995     289.6269 180.63  0.81098
15  9  2 8 1 o     164.9219     188.5793   0.25  0.81092
 6  4  6 8 1 o      72.1703      82.7799 180.39  0.81086
 9 11  5 8 1 o     280.0101     320.5607   0.54  0.81072
10 26  1 8 1 o     326.6440     374.2856 359.73  0.81042
 2 26  4 8 1 o     140.8486     161.6015   0.45  0.81040
 6 27  3 8 1 o       0.0252       0.0289 254.04  0.81030
12 10  4 8 1 o       8.4121       9.6105 180.40  0.81028
 4 10  6 8 1 o       8.9400      10.2500 180.48  0.81025
 9 26  2 8 1 o      45.4627      52.0756 359.98  0.81012
 7 26  3 8 1 o    3209.5120    3677.3745   0.52  0.81011
 3 29  3 8 1 o      25.1209      28.7907 359.35  0.80999
 0 33  1 4 1 o    2125.3743    2434.4280 180.47  0.80994
 5  8  6 8 1 o       1.5916       1.8238   0.91  0.80987
11 14  4 8 1 o      20.2326      23.1415 359.24  0.80980
 9 19  4 8 1 o      22.8166      26.1351   0.64  0.80968
16  6  1 8 1 o     711.8664     813.7224 180.51  0.80963
 4 32  1 8 1 o     773.5652     886.6206   0.83  0.80962
 2 21  5 8 1 o     628.7894     721.2488   0.72  0.80962
 7 16  5 8 1 o      21.9461      25.1606 359.96  0.80953
13  0  4 4 1 o    1185.0103    1353.9192   1.14  0.80923
16  8  0 4 1 o      18.3961      21.0795   0.71  0.80903
 8 14  5 8 1 o     460.1352     529.0558   0.64  0.80890
13  1  4 8 1 o     608.5850     696.1684   0.77  0.80886
12 17  3 8 1 o      34.8756      40.1114 180.65  0.80863
10  7  5 8 1 o     387.1635     445.0243 180.48  0.80846
 1 33  1 8 1 o    1399.6757    1617.1676 180.67  0.80844
13  2  4 8 1 o     518.5287     595.4133 180.51  0.80778
15 13  1 8 1 o      15.0260      17.3642 181.58  0.80768
 1 13  6 8 1 o      19.2140      22.5039   1.30  0.80763
 6  5  6 8 1 o     280.3119     326.2107 180.46  0.80760
13 20  1 8 1 o      97.3845     113.0869   0.58  0.80751
14 17  1 8 1 o     304.2684     352.7410   0.32  0.80746
10 17  4 8 1 o      33.4496      38.8040 178.81  0.80744
 5 19  5 8 1 o       7.6112       8.9227 359.93  0.80729
11 25  0 4 1 o      24.6774      28.7834   0.54  0.80713
 5 28  3 8 1 o     543.9086     637.3141 180.92  0.80679
 4 20  5 8 1 o     151.3619     177.9860 180.73  0.80659
14  9  3 8 1 o   12673.8662   14550.4463   0.51  0.80645
13 18  2 8 1 o     387.5000     448.3941 181.52  0.80642
 8 25  3 8 1 o       7.0661       8.2270   0.57  0.80623
 3 33  0 4 1 o      83.9821      97.4385   1.16  0.80608
 8 21  4 8 1 o    1709.8035    1984.7423   0.54  0.80607
13  3  4 8 1 o       0.0326       0.0371  11.01  0.80599
 7 30  1 8 1 o     417.2030     478.4161 180.64  0.80536
13 14  3 8 1 o      87.0138      98.2451 181.01  0.80508
16  7  1 8 1 o       1.9286       2.1690 178.68  0.80495
 0 32  2 4 1 o       9.8413      11.1591 181.75  0.80488
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 3 12  6 8 1 o     1098.5254   1247.2786 180.33  0.80479
 8 29  1 8 1 o     1163.5427   1299.3048 180.33  0.80438
14 18  0 4 1 o     6321.1987   7037.9331 180.63  0.80436
 6 18  5 8 1 o        3.0933      3.4526   0.17  0.80433
15 10  2 8 1 o       64.4048     71.0121 180.51  0.80409
 2 33  1 8 1 o      268.8198    296.9267   0.46  0.80402
 4 31  2 8 1 o      403.6010    443.8392   0.66  0.80386
11 23  2 8 1 o       14.5362     15.9357 179.69  0.80378
 5  9  6 8 1 o      104.8714    115.0251   0.28  0.80377
 6  6  6 8 1 o     1420.0641   1552.4370 180.26  0.80367
10 22  3 8 1 o       25.3119     27.6647 359.92  0.80367
13  4  4 8 1 o      904.3548    982.9155 180.34  0.80349
 1 32  2 8 1 o       16.1024     17.4776 179.54  0.80342
 2 13  6 8 1 o       54.9500     59.2696   0.37  0.80322
10  8  5 8 1 o      215.3064    232.0276 359.94  0.80310
 3 26  4 8 1 o        9.6176     10.3159 179.66  0.80302
11 20  3 8 1 o        0.1323      0.1416 186.55  0.80280
12 11  4 8 1 o       16.9648     18.1559   1.20  0.80275
 4 11  6 8 1 o       88.7096     94.5132 180.41  0.80273
 6 31  1 8 1 o       11.2096     11.9531 359.40  0.80270
 9 12  5 8 1 o       15.7963     16.7958 182.52  0.80247
13 21  0 4 1 o     2334.1873   2472.0100   0.40  0.80229
 3 21  5 8 1 o     1620.7073   1709.5516 180.40  0.80226
14 15  2 8 1 o       34.3650     36.3322 359.81  0.80210
12 21  2 8 1 o      161.2081    168.6887   0.79  0.80142
 1 30  3 8 1 o      365.8049    379.4875   0.56  0.80069
10 25  2 8 1 o      101.0352    104.5106 180.21  0.80041
13  5  4 8 1 o      222.3740    230.1668   0.56  0.80032
 9 28  1 8 1 o      262.7829    269.5057 180.64  0.79980
14 10  3 8 1 o        2.7995      2.8738 180.79  0.79973
 4 29  3 8 1 o      472.3619    483.7035   0.79  0.79972
16  8  1 8 1 o     3668.5637   3760.9253   0.57  0.79966
 0 14  6 4 1 o        0.1527      0.1558 356.55  0.79952
11 15  4 8 1 o      102.0754    104.2834   0.49  0.79948
 6 24  4 8 1 o      170.0462    172.0329   0.46  0.79910
 6  7  6 8 1 o       35.3732     35.8255 180.47  0.79910
 2 32  2 8 1 o        0.2820      0.2853   9.47  0.79908
 9 24  3 8 1 o      226.6213    228.3315   0.98  0.79882
 1 22  5 8 1 o       79.6204     79.7950 180.39  0.79873
 8 15  5 8 1 o       27.3339     27.4602 181.78  0.79861
 7 29  2 8 1 o       35.8810     35.7778 181.18  0.79830
12 23  1 8 1 o      111.3823    111.2867 180.41  0.79829
15 14  1 8 1 o      122.1703    122.3281   0.78  0.79813
 1 14  6 8 1 o      330.9337    327.4257 180.61  0.79808
11 25  1 8 1 o       24.6151     24.4324 181.01  0.79783
 7 17  5 8 1 o       63.7752     63.2288 180.42  0.79782
 5 25  4 8 1 o      195.9426    193.5068   0.82  0.79781
 7  0  6 4 1 o      326.6509    324.2457 180.35  0.79753
15 15  0 4 1 o       10.3416     10.2853   1.30  0.79721
 7  1  6 8 1 o     1754.7073   1740.1189   0.54  0.79718
10  9  5 8 1 o      445.3925    443.8283   0.96  0.79715
 5 10  6 8 1 o       53.8266     53.0736 180.30  0.79711
 7 23  4 8 1 o      138.3454    136.6697 180.72  0.79684
 3 33  1 8 1 o      533.9345    528.4626   0.77  0.79681
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15 11  2 8 1 o      63.3409      63.2509 180.84  0.79673
 8 28  2 8 1 o       0.4471       0.4427 358.72  0.79665
 5 32  1 8 1 o     140.1870     139.0389 181.13  0.79651
13  6  4 8 1 o    1487.2336    1490.3132   0.64  0.79650
 6 30  2 8 1 o     353.1212     350.3816   0.17  0.79640
 2 30  3 8 1 o      41.1547      40.7623   0.78  0.79639
16 10  0 4 1 o     765.5803     765.6702   0.03  0.79631
12 18  3 8 1 o       0.3749       0.3743 180.39  0.79628
 7  2  6 8 1 o      20.2596      20.2200 179.66  0.79615
 3 13  6 8 1 o     213.4630     212.2684 180.90  0.79603
 1 27  4 8 1 o      13.3666      13.2972   0.58  0.79601
 9 20  4 8 1 o      30.4823      30.4975   0.29  0.79590
 0 34  0 2 1 o    3140.1941    3155.1699   0.45  0.79557
14 18  1 8 1 o      25.3345      25.5998 180.13  0.79515
10 18  4 8 1 o      22.7666      23.0095 179.52  0.79513
13 15  3 8 1 o     267.3678     270.7159 180.42  0.79493
11  1  5 8 1 o      22.5774      22.8606 359.89  0.79493
12 12  4 8 1 o     783.1206     793.8472 180.43  0.79475
 4 12  6 8 1 o     830.1181     844.0826   0.53  0.79472
 2 22  5 8 1 o      25.7620      26.2674   1.39  0.79446
16  0  2 4 1 o    1624.8920    1648.7377 180.66  0.79445
 7  3  6 8 1 o     715.9576     727.7563 180.47  0.79443
16  1  2 8 1 o    2164.1304    2196.9094 180.63  0.79411
 6  8  6 8 1 o      51.9485      52.8822   0.30  0.79392
11  2  5 8 1 o       3.5064       3.5595   0.91  0.79390
 2 14  6 8 1 o     100.2939     102.3078 180.17  0.79383
16  9  1 8 1 o    2643.2515    2683.3599 180.46  0.79378
 9 13  5 8 1 o      10.0611      10.2232   2.07  0.79378
 5 20  5 8 1 o     468.8357     477.3023 180.46  0.79362
13 19  2 8 1 o     331.7290     336.5547   0.64  0.79347
 7 31  0 4 1 o     169.9122     172.2345 181.05  0.79327
13 21  1 8 1 o     353.0783     357.3620   1.00  0.79315
16  2  2 8 1 o       2.9441       2.9780   4.49  0.79308
 8 30  0 4 1 o      74.8932      75.7060 181.40  0.79301
 4 26  4 8 1 o     134.1963     135.6915   0.59  0.79301
15  1  3 8 1 o      41.1609      41.5348 180.36  0.79270
14 11  3 8 1 o    1616.7872    1627.6539 180.51  0.79249
 4 21  5 8 1 o      67.3297      67.3065 180.83  0.79228
11  3  5 8 1 o     160.1846     160.9228 181.25  0.79220
13  7  4 8 1 o      30.5023      30.6261 179.96  0.79204
 7  4  6 8 1 o      89.5773      89.5609   0.43  0.79204
 3 32  2 8 1 o      14.1754      14.1401 359.38  0.79200
10 27  1 8 1 o     563.7168     561.4852 180.72  0.79181
 2 27  4 8 1 o     113.8140     112.9658 180.20  0.79179
15  2  3 8 1 o      11.7738      11.8030   3.05  0.79168
 9 27  2 8 1 o     200.6019     199.2164 180.28  0.79152
 7 27  3 8 1 o      51.7775      51.3693 359.98  0.79152
 6 19  5 8 1 o      62.8469      62.2928 180.34  0.79149
16  3  2 8 1 o     154.1233     154.1541   0.65  0.79139
14 16  2 8 1 o    1243.7217    1239.3618   0.49  0.79138
12 24  0 4 1 o    2771.0437    2747.8999   0.62  0.79120
 8 22  4 8 1 o      53.9449      53.4100 180.63  0.79111
 5 31  2 8 1 o      99.5140      98.4021   0.87  0.79102
 6 28  3 8 1 o      19.1479      18.9184 180.54  0.79101
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10 10  5 8 1 o     72.2877     71.9265 359.89  0.79065
 6 32  0 4 1 o     10.4669     10.3614 179.16  0.79005
15  3  3 8 1 o     20.7372     20.7763   0.85  0.78999
 2 34  0 4 1 o    260.2840    257.9723   0.27  0.78996
 5 11  6 8 1 o    191.4660    189.1936   0.93  0.78994
11  4  5 8 1 o     36.9558     36.9836 180.70  0.78983
 3 30  3 8 1 o     59.6176     59.2238   0.07  0.78938
 9 29  0 4 1 o      7.5082      7.4863   2.13  0.78930
16  4  2 8 1 o     27.1995     27.4643 178.99  0.78903
 7  5  6 8 1 o    603.4022    605.6687   0.77  0.78900
15 12  2 8 1 o    445.5456    449.8721   0.54  0.78890
11 16  4 8 1 o    101.8839    102.7324   0.30  0.78887
11 21  3 8 1 o      7.2593      7.3318 181.44  0.78869
 8 26  3 8 1 o     53.9738     54.5393   0.78  0.78857
15 15  1 8 1 o      4.0658      4.1497   4.63  0.78824
 1 15  6 8 1 o      0.9754      0.9934 181.17  0.78820
 6  9  6 8 1 o    103.0420    105.1607   0.20  0.78817
10 23  3 8 1 o     87.6579     89.5042 179.96  0.78817
 8 16  5 8 1 o    271.9328    278.5952   0.44  0.78803
15  4  3 8 1 o    487.9405    504.4442   0.83  0.78764
11 24  2 8 1 o   1238.0367   1282.1401   0.66  0.78760
 3 22  5 8 1 o    107.6251    111.9546   0.84  0.78750
16 10  1 8 1 o   2116.3459   2200.0483   0.62  0.78737
 5 29  3 8 1 o     17.7487     18.6437   0.55  0.78708
 4 33  1 8 1 o    787.9744    827.4545 180.46  0.78703
13  8  4 8 1 o    825.7058    863.3850 180.26  0.78700
 3 14  6 8 1 o    322.4914    340.9525   0.48  0.78688
11  5  5 8 1 o    338.4710    355.1099 180.33  0.78681
12 22  2 8 1 o    255.6200    269.6671 180.30  0.78671
12 13  4 8 1 o      2.0117      2.1266 178.25  0.78631
 4 13  6 8 1 o     60.1529     64.1758 359.85  0.78628
16  5  2 8 1 o    233.4380    247.0228 181.01  0.78602
 7 18  5 8 1 o     38.1039     40.6472   0.47  0.78595
 7  6  6 8 1 o    109.5434    116.9478 180.32  0.78534
 1 34  1 8 1 o    484.2724    517.6544 180.51  0.78529
 3 27  4 8 1 o      8.4082      9.0188   0.60  0.78489
 0 23  5 4 1 o    155.8369    167.2022   0.72  0.78486
14 12  3 8 1 o     12.1719     12.9646   1.24  0.78478
 9 14  5 8 1 o     40.3580     43.1094   1.38  0.78471
15  5  3 8 1 o     42.5964     45.3183 359.89  0.78465
13 16  3 8 1 o    495.6740    528.9902 180.66  0.78450
 7 31  1 8 1 o      9.1241      9.7723 358.85  0.78443
 8 30  1 8 1 o    304.7992    326.6182 180.93  0.78418
 2 15  6 8 1 o    418.9671    450.0943 180.52  0.78410
17  1  0 4 1 o   1151.7877   1228.4857 180.64  0.78389
12 19  3 8 1 o     64.5949     69.0861 180.17  0.78381
10 11  5 8 1 o    134.9383    144.1720 180.41  0.78365
 1 23  5 8 1 o      4.5761      4.9204 179.54  0.78350
 5 33  0 4 1 o     73.5598     78.8462 359.35  0.78349
11  6  5 8 1 o     81.7029     87.0684   1.21  0.78318
10 26  2 8 1 o     80.8931     86.6144 180.63  0.78311
14 19  1 8 1 o     15.9492     17.0098   0.40  0.78274
10 19  4 8 1 o    114.0891    121.7061   0.56  0.78272
 6 25  4 8 1 o    177.5927    189.8319   0.72  0.78254
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12 24  1 8 1 o     330.5021     352.0883 180.61  0.78243
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 4 32  2 8 1 o       0.4150       0.4425 185.41  0.78239
 5 12  6 8 1 o     401.7087     428.3515   0.29  0.78231
 9 25  3 8 1 o     127.5863     135.8030 180.36  0.78228
10 28  0 4 1 o       9.2106       9.8024   0.72  0.78226
 9 21  4 8 1 o     271.4254     288.2876   0.45  0.78214
 6 10  6 8 1 o      61.5399      65.2120 180.00  0.78189
16 12  0 4 1 o     115.8860     122.0350   0.47  0.78155
 0 31  3 4 1 o     455.4195     479.7100 180.43  0.78145
13  9  4 8 1 o       1.0507       1.1042 181.12  0.78140
 1 33  2 8 1 o     435.0211     457.2149 180.42  0.78133
 6 32  1 8 1 o    1134.8793    1192.5249 180.78  0.78132
17  3  0 4 1 o     336.5305     353.2245   0.78  0.78127
 2 34  1 8 1 o     143.7955     150.8927 180.53  0.78123
 7 24  4 8 1 o    1193.6479    1249.2943   0.40  0.78107
 7  7  6 8 1 o     599.0551     627.1293   0.55  0.78107
15  6  3 8 1 o     395.4747     414.1843 180.42  0.78105
11 26  1 8 1 o      86.8860      90.4585   1.10  0.78070
 5 26  4 8 1 o       0.3595       0.3737 183.24  0.78068
15 13  2 8 1 o     129.7057     135.2043 180.65  0.78064
 9 29  1 8 1 o     234.9509     244.1816 180.21  0.78059
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16 11  1 8 1 o      87.0633      90.5900   1.14  0.78046
14 17  2 8 1 o     201.7058     209.6813 181.46  0.78044
 1 31  3 8 1 o       0.1285       0.1326 175.16  0.78011
 5 21  5 8 1 o     189.6376     195.2478   0.32  0.77998
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 2 23  5 8 1 o     188.4303     193.1569 180.70  0.77948
 0 16  6 4 1 o    1597.0752    1636.6947   0.46  0.77935
 0 28  4 4 1 o      18.6609      19.1332 180.52  0.77903
11  7  5 8 1 o       2.9305       3.0353 183.20  0.77895
13 22  1 8 1 o     160.5581     165.6601   0.50  0.77888
14 20  0 4 1 o     973.0893    1006.1363   0.76  0.77863
 6 20  5 8 1 o      55.4384      57.1382   1.15  0.77859
 7 30  2 8 1 o    1173.2219    1211.1211 180.35  0.77854
16  7  2 8 1 o     102.2165     106.4380 180.97  0.77818
15 16  1 8 1 o      31.0415      32.3067   1.60  0.77807
 4 22  5 8 1 o     516.4220     535.4695 180.62  0.77806
11 17  4 8 1 o     172.5939     179.6911 180.79  0.77803
 1 16  6 8 1 o     639.9951     663.9567 180.44  0.77802
 1 28  4 8 1 o      20.1614      21.0430   0.12  0.77770
 8 29  2 8 1 o      57.7570      60.3755   0.95  0.77766
12 14  4 8 1 o      32.0701      33.6269 180.45  0.77749
 4 14  6 8 1 o       0.0263       0.0275 340.09  0.77746
 3 15  6 8 1 o       1.3683       1.4368   4.18  0.77740
 2 33  2 8 1 o      58.5544      61.5452   0.48  0.77733
 8 17  5 8 1 o     224.5113     236.3567   0.40  0.77722
 8  0  6 4 1 o     650.0890     686.5463   0.64  0.77695
15  7  3 8 1 o     286.1714     302.0530 180.34  0.77685
14 13  3 8 1 o     311.5364     329.6899 180.50  0.77665
 8  1  6 8 1 o     140.9027     149.3656   0.66  0.77663
 8 23  4 8 1 o    1210.8801    1290.9662 180.63  0.77631
 7  8  6 8 1 o      17.5714      18.7249   0.18  0.77623
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10 12  5 8 1 o      82.7599     88.0095    1.01  0.77620
 6 31  2 8 1 o     360.6027    385.1716  180.71  0.77614
 2 31  3 8 1 o     149.7401    160.1549    0.63  0.77613
17  5  0 4 1 o     869.7278    924.0601  180.66  0.77611
15 17  0 4 1 o    4476.8872   4772.2119  180.71  0.77594
 8  2  6 8 1 o     224.6254    239.7590    0.53  0.77567
 4 27  4 8 1 o      57.1157     61.3157    0.21  0.77554
17  1  1 8 1 o       0.0291      0.0310  152.15  0.77536
 9 15  5 8 1 o     159.0960    170.0302    1.10  0.77531
13 10  4 8 1 o       0.0264      0.0281    9.00  0.77528
 6 11  6 8 1 o      10.3458     11.0798  179.49  0.77512
 5 33  1 8 1 o      87.1292     93.2464  180.51  0.77497
11 22  3 8 1 o       8.5654      9.1488  180.40  0.77465
 3 34  1 8 1 o      83.2036     88.9276  180.48  0.77461
17  2  1 8 1 o     271.4786    289.1642  180.42  0.77440
 5 13  6 8 1 o     480.1986    512.8392    0.86  0.77425
11  8  5 8 1 o     284.2923    302.8310  180.83  0.77415
 8  3  6 8 1 o    1463.6365   1560.3185  180.50  0.77408
 2 16  6 8 1 o     113.6969    121.3618    0.41  0.77408
 7 19  5 8 1 o       4.9773      5.3081  179.43  0.77395
13 17  3 8 1 o      14.3614     15.3012  179.86  0.77383
 4 34  0 4 1 o     286.1457    305.0479    0.62  0.77383
10 28  1 8 1 o      27.6133     29.4363  180.67  0.77378
 2 28  4 8 1 o       2.4741      2.6378  179.83  0.77376
 9 28  2 8 1 o     156.3702    166.6860    0.35  0.77352
 7 28  3 8 1 o    1468.5916   1565.5414    0.72  0.77351
16  8  2 8 1 o      35.0807     37.3605  179.26  0.77339
16 12  1 8 1 o     595.8121    635.3293  180.54  0.77309
13 23  0 4 1 o       4.3577      4.6544    4.37  0.77293
 3 23  5 8 1 o       2.6122      2.7925    0.23  0.77290
10 24  3 8 1 o      28.4089     30.3523  179.54  0.77290
17  3  1 8 1 o      60.6102     64.6510    0.19  0.77282
 6 29  3 8 1 o      34.3032     36.8407    0.53  0.77241
11 27  0 4 1 o      37.4297     40.2669  179.96  0.77217
12 23  2 8 1 o     250.0564    268.8020    0.43  0.77215
15  8  3 8 1 o    4363.4253   4667.0947    0.69  0.77209
15 14  2 8 1 o     642.8873    689.6065  180.47  0.77201
 8  4  6 8 1 o     161.2821    173.5625    0.62  0.77187
14  0  4 4 1 o    1008.7082   1078.3873    0.37  0.77175
11 25  2 8 1 o     696.6882    752.4748  180.43  0.77173
 1 35  0 4 1 o    4454.3569   4820.3706    0.42  0.77154
14  1  4 8 1 o     549.4486    587.4910    0.93  0.77144
 8 27  3 8 1 o    3079.8418   3342.8484    0.53  0.77139
12 20  3 8 1 o       2.3157      2.5003  180.39  0.77128
 7  9  6 8 1 o      91.5636     99.1992  180.09  0.77085
 3 33  2 8 1 o      41.6310     45.2631    0.64  0.77081
17  4  1 8 1 o      63.7420     68.1199  181.11  0.77062
 5 32  2 8 1 o       0.7285      0.7907    3.71  0.77054
14  2  4 8 1 o      13.7795     14.6463    0.40  0.77050
14 20  1 8 1 o     282.5954    303.3403    0.64  0.77026
10 20  4 8 1 o    1160.4835   1246.8625    0.49  0.77024
 3 31  3 8 1 o       4.0072      4.2783  180.77  0.76964
14 18  2 8 1 o     345.6424    360.8369  180.69  0.76931
 8  5  6 8 1 o     169.4673    175.4417    0.54  0.76906
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14   3   4  8 1 o      192.9381    197.3794 180.27  0.76894
11   9   5  8 1 o     1787.2311   1825.1460 180.81  0.76881
13  11   4  8 1 o       10.2842     10.4366 181.21  0.76867
17   7   0  4 1 o     1114.9899   1126.4071 180.50  0.76855
 1  24   5  8 1 o      534.9616    542.9957   0.42  0.76850
 9  22   4  8 1 o      433.5236    437.3160 180.35  0.76844
12  15   4  8 1 o     1167.6646   1169.3572   0.41  0.76834
10  13   5  8 1 o       41.2904     41.3531   0.14  0.76833
 4  15   6  8 1 o        5.1829      5.2030 174.84  0.76831
14  14   3  8 1 o       44.1353     43.8161 180.29  0.76815
 5  30   3  8 1 o     1072.7159   1064.9396   0.64  0.76813
16   9   2  8 1 o       17.1232     16.9427 180.16  0.76807
 6  12   6  8 1 o      141.2062    138.4119   0.52  0.76790
17   5   1  8 1 o       33.6910     32.9798   1.54  0.76782
15  17   1  8 1 o        2.0056      1.9451 183.02  0.76766
 3  16   6  8 1 o        0.4918      0.4743 173.50  0.76764
 1  17   6  8 1 o     4493.1143   4327.8101   0.47  0.76762
13  21   2  8 1 o      288.8414    277.6910 180.41  0.76750
 3  28   4  8 1 o        5.0203      4.7574   0.03  0.76733
11  18   4  8 1 o     1163.3198   1093.6823   1.31  0.76700
12  25   1  8 1 o      358.7371    333.9082   0.67  0.76687
15   9   3  8 1 o      171.7667    161.3103   0.65  0.76679
14   4   4  8 1 o       31.1230     29.2767 359.91  0.76677
 5  22   5  8 1 o       16.9435     15.3192 182.18  0.76640
 6  26   4  8 1 o       75.1652     67.9903   0.80  0.76636
10  27   2  8 1 o      241.7291    219.0935   0.19  0.76628
 8  18   5  8 1 o       16.0492     14.5312 180.19  0.76623
 9  26   3  8 1 o     2269.6819   2043.2502 180.75  0.76611
 5  14   6  8 1 o       35.3044     31.2779 180.47  0.76583
 6  21   5  8 1 o       19.6342     17.3365 179.95  0.76570
 8   6   6  8 1 o     1571.1954   1405.9969   0.48  0.76566
 9  16   5  8 1 o      423.2099    377.6011   0.45  0.76562
 4  34   1  8 1 o       59.1998     52.4788   1.10  0.76562
 7  25   4  8 1 o        6.2819      5.5411   1.03  0.76559
16  13   1  8 1 o       46.3433     41.4877   0.97  0.76532
16  14   0  4 1 o      105.5579     94.0563 359.28  0.76512
 7  10   6  8 1 o        8.9128      7.8278 180.11  0.76497
 8  31   1  8 1 o        0.7023      0.6138 177.01  0.76482
13  23   1  8 1 o       87.9009     77.2719 181.05  0.76475
 2  24   5  8 1 o       46.6448     40.2059   0.21  0.76470
 0  35   1  4 1 o       99.0984     86.7094 180.60  0.76466
17   6   1  8 1 o      104.3373     93.4994   0.83  0.76444
 7  32   1  8 1 o      191.8668    167.6447   0.88  0.76444
12   1   5  8 1 o       27.0806     24.3940   0.71  0.76429
14   5   4  8 1 o      530.2210    480.2696   0.66  0.76401
11  27   1  8 1 o     2564.1907   2255.8035 180.92  0.76401
 5  27   4  8 1 o       18.6793     16.2671   0.56  0.76400
 4  23   5  8 1 o      110.6124     95.9720   0.59  0.76396
 2  17   6  8 1 o       83.2710     72.4749   0.65  0.76383
 1  35   1  8 1 o      131.4589    117.5670   0.30  0.76340
12   2   5  8 1 o      150.8938    138.1279 180.51  0.76338
15  15   2  8 1 o      537.5608    493.4625   0.42  0.76305
13  18   3  8 1 o       43.7305     40.1571 180.41  0.76298
11  10   5  8 1 o      189.7546    174.9610 180.56  0.76298
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16 10  2 8 1 o      24.3234      23.1280 180.83  0.76225
 9 30  1 8 1 o     172.9031     164.6910 180.15  0.76209
 4 33  2 8 1 o     210.0420     201.5430 180.53  0.76195
 7 20  5 8 1 o       7.3222       7.0483   2.73  0.76189
12  3  5 8 1 o    1038.0281    1003.8089 180.68  0.76186
 8 24  4 8 1 o     218.0876     211.8663 180.35  0.76171
 8  7  6 8 1 o       7.0146       6.8145   0.65  0.76170
13 12  4 8 1 o    1468.0361    1431.4078 180.62  0.76163
 0 34  2 4 1 o      25.7039      25.0935 181.07  0.76160
 3 35  0 4 1 o     264.8021     260.6480 181.36  0.76141
15 10  3 8 1 o    2643.5640    2632.6416   0.70  0.76101
 6 33  1 8 1 o      27.1760      27.1917 359.23  0.76096
 4 31  3 8 1 o       1.4184       1.4268   0.11  0.76082
11 23  3 8 1 o     273.9229     275.3325   0.44  0.76074
14  6  4 8 1 o      47.2600      47.4666 180.46  0.76068
17  7  1 8 1 o     148.2646     149.5547   1.15  0.76051
 1 32  3 8 1 o     168.4390     170.7161 180.63  0.76044
 1 34  2 8 1 o     514.0339     521.1311 180.48  0.76036
 6 13  6 8 1 o       7.2876       7.3978   1.40  0.76028
10 14  5 8 1 o      48.3165      49.1286 180.63  0.76010
 1 29  4 8 1 o       0.0041       0.0041 190.26  0.76000
12  4  5 8 1 o     116.6155     119.3648 180.57  0.75976
 2 35  1 8 1 o     145.8569     148.9767 180.53  0.75967
 7 31  2 8 1 o     382.0641     390.3799 180.50  0.75959
12 26  0 4 1 o      92.5947      94.9007   0.48  0.75938
 8 30  2 8 1 o     543.1652     556.3094 180.50  0.75936
14 15  3 8 1 o      13.7565      14.1719   3.65  0.75932
12 16  4 8 1 o     116.0231     120.4496 181.09  0.75890
 4 16  6 8 1 o     228.6246     234.7723   0.52  0.75888
17  9  0 4 1 o      61.6495      64.2382   0.09  0.75881
12 21  3 8 1 o     362.8147     377.2247   1.02  0.75874
 7 11  6 8 1 o       1.6295       1.6945 185.81  0.75863
 4 28  4 8 1 o       0.0725       0.0751 358.18  0.75858
 3 24  5 8 1 o      82.5880      85.6134 181.01  0.75848
 0 18  6 4 1 o   19158.8867   20037.2402   0.51  0.75824
14 19  2 8 1 o     456.5328     486.4594 180.89  0.75805
10 25  3 8 1 o    1173.5984    1256.2313 180.58  0.75789
12 24  2 8 1 o     284.7073     306.7378   0.75  0.75777
14 21  1 8 1 o      57.3092      61.8045 359.67  0.75777
10 21  4 8 1 o     809.0034     872.7760 180.63  0.75775
 3 17  6 8 1 o       6.1124       6.6056 184.61  0.75763
 8  8  6 8 1 o     209.1207     232.6880   0.50  0.75721
16 14  1 8 1 o     428.3393     477.4064   0.86  0.75718
 5 15  6 8 1 o       0.2989       0.3361 192.15  0.75708
12  5  5 8 1 o     311.1814     348.3281   0.58  0.75707
15 18  1 8 1 o      31.9796      35.9020   0.44  0.75706
 1 18  6 8 1 o     997.7238    1128.0420   0.58  0.75702
14  7  4 8 1 o     144.6072     164.0126   0.82  0.75680
 6 32  2 8 1 o       0.0629       0.0723   6.01  0.75676
 2 32  3 8 1 o       2.8611       3.2963 359.30  0.75676
11 11  5 8 1 o      88.3831     101.2441 180.51  0.75668
 2 34  2 8 1 o     323.3408     373.7909 180.62  0.75668
10 29  1 8 1 o      64.1946      75.8445 181.06  0.75634
 2 29  4 8 1 o      51.5438      61.5409 359.51  0.75633
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11 26  2 8 1 o      84.1705     100.1939 180.18  0.75620
 9 29  2 8 1 o     123.8719     148.7100   0.39  0.75610
 7 29  3 8 1 o      12.3093      14.8234   0.59  0.75609
17  8  1 8 1 o    2871.7888    3394.2329 180.55  0.75604
16 11  2 8 1 o     145.1503     172.0471   0.81  0.75598
11 19  4 8 1 o      93.5177     112.6559   0.35  0.75584
 9 17  5 8 1 o     260.2131     316.6905   0.30  0.75570
 9  0  6 4 1 o    1018.3820    1239.7188   0.45  0.75545
 9  1  6 8 1 o    1431.9984    1756.7847 180.65  0.75515
 8 19  5 8 1 o       1.7751       2.2124 179.36  0.75510
 0 25  5 4 1 o     482.5251     612.6644   0.50  0.75494
 9 23  4 8 1 o      45.6854      57.0856   0.48  0.75486
15 11  3 8 1 o      31.3343      38.3341 180.73  0.75476
 8 28  3 8 1 o      10.8133      13.5732 179.81  0.75469
13 22  2 8 1 o     199.4939     248.0255   0.18  0.75455
 5 34  1 8 1 o     219.0159     274.1991 180.77  0.75450
 6 30  3 8 1 o      67.5187      84.8880   0.96  0.75448
 9  2  6 8 1 o     516.9518     638.6384 180.43  0.75427
13 13  4 8 1 o     199.0351     244.6709 180.50  0.75419
15 19  0 4 1 o     650.1136     803.9802 180.93  0.75392
 8 32  0 4 1 o     171.5703     213.2295   0.14  0.75386
12  6  5 8 1 o     231.7492     283.9950 180.63  0.75383
15 16  2 8 1 o     302.7976     372.8358 180.55  0.75381
 1 25  5 8 1 o     199.9286     249.4921   0.64  0.75374
 3 35  1 8 1 o      90.8965     112.4240 180.33  0.75358
 2 18  6 8 1 o    1452.0765    1796.7192 180.74  0.75339
 5 23  5 8 1 o      52.8361      64.7689 180.46  0.75292
 7 33  0 4 1 o     246.3173     301.8617   1.09  0.75291
14 22  0 4 1 o      29.9056      36.6284 179.52  0.75287
 6 22  5 8 1 o     121.8845     149.2522   1.01  0.75284
 9  3  6 8 1 o     803.2024     983.1463   0.66  0.75281
16  1  3 8 1 o      87.8618     107.4974 179.89  0.75253
 0  1  7 4 1 o     166.8658     203.4968 180.43  0.75249
14  8  4 8 1 o      13.7652      16.8547 180.81  0.75240
 6 14  6 8 1 o      10.7147      13.0823 179.55  0.75230
 8  9  6 8 1 o     154.6123     189.1893 180.20  0.75222
13 19  3 8 1 o       1.6803       2.0614 180.74  0.75199
 7 12  6 8 1 o      35.7235      43.7967 180.00  0.75186
 9 31  0 4 1 o      14.2096      17.4226   1.68  0.75182
16  2  3 8 1 o       5.5223       6.8216   0.65  0.75166
17  0  2 4 1 o    1068.6792    1320.5322 180.24  0.75163
12 26  1 8 1 o      17.8892      22.0244 181.71  0.75162
10 15  5 8 1 o     168.6908     208.4097   1.14  0.75154
 0 36  0 2 1 o   12385.9521   15339.3535   0.52  0.75137
17  1  2 8 1 o    1418.1174    1763.4609 180.69  0.75134
 1  1  7 8 1 o       2.9028       3.5902   0.41  0.75129
17  9  1 8 1 o     116.6353     146.1385   0.21  0.75107
 5 33  2 8 1 o     408.7990     512.5756 180.70  0.75099
 9  4  6 8 1 o       8.5382      10.8123 181.66  0.75078
13 24  1 8 1 o      70.5664      89.3631   0.72  0.75077
 3 32  3 8 1 o     585.1311     742.1204   0.81  0.75073
 3 34  2 8 1 o      53.4096      68.0042 179.79  0.75066
 6 27  4 8 1 o     114.3454     146.3976 180.21  0.75056
17  2  2 8 1 o       0.2705       0.3463 340.31  0.75047
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 1  2  7 8 1 o        76.5408      98.8446 180.29  0.75042
 7 26  4 8 1 o         9.7117      12.5417 179.74  0.75041
 9 27  3 8 1 o        10.5147      13.6363   1.42  0.75033
 3 29  4 8 1 o        24.0688      31.3005   0.73  0.75031
16  3  3 8 1 o        72.5650      93.8940 359.90  0.75021
14 16  3 8 1 o         3.7312       4.8487 359.84  0.75021
 0  3  7 4 1 o       206.8912     271.9076 180.22  0.75017
 2 25  5 8 1 o       113.1917     148.9567   0.65  0.75015
12  7  5 8 1 o       100.8642     131.7477 180.03  0.75006
 4 24  5 8 1 o        13.0266      17.2876   0.33  0.75003
11 12  5 8 1 o       310.1685     408.3084   0.79  0.74996
10 28  2 8 1 o        97.9409     130.4160   0.29  0.74991
 5 31  3 8 1 o         5.4458       7.2731 180.12  0.74990
 7 21  5 8 1 o        32.3957      43.5787 179.41  0.74979
16 12  2 8 1 o       186.2418     253.7848   0.54  0.74928
12 17  4 8 1 o        16.3274      22.4298 178.72  0.74924
 4 17  6 8 1 o         0.2119       0.2997 192.50  0.74921
17  3  2 8 1 o       251.1288     344.1512   0.92  0.74903
 6 34  0 4 1 o         0.1253       0.1772  28.91  0.74900
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16 15  1 8 1 o         1.5417       2.1741 359.48  0.74872
16  4  3 8 1 o         0.3272       0.4617   2.18  0.74820
 9  5  6 8 1 o       491.7052     711.3528 180.56  0.74819
15 12  3 8 1 o       645.2688     922.8936 180.45  0.74809
 5 16  6 8 1 o       141.5153     213.6448 180.30  0.74805
11 28  1 8 1 o       159.6380     239.2347 180.51  0.74778
 5 28  4 8 1 o        39.7582      60.6597   0.36  0.74777
 2  1  7 8 1 o         2.7506       4.2353 179.93  0.74774
14  9  4 8 1 o        65.7671      94.7726 180.21  0.74750
 3 18  6 8 1 o        96.2123     149.4309 180.99  0.74744
16 16  0 4 1 o       200.3389     296.1520 181.17  0.74739
 8 25  4 8 1 o       301.1126     459.0339 180.39  0.74733
17 11  0 4 1 o        68.0433      99.9058   1.05  0.74715
17  4  2 8 1 o        76.2934     110.4005 359.51  0.74703
11 24  3 8 1 o       269.9818     407.9954 180.83  0.74698
 1  4  7 8 1 o        31.6100      49.5178   0.17  0.74698
 2  2  7 8 1 o        18.2236      28.5766 181.11  0.74688
10 30  0 4 1 o       505.4054     771.4089   0.83  0.74687
 8 10  6 8 1 o         3.4045       5.1256 359.09  0.74675
14 20  2 8 1 o       155.2312     231.7563   0.42  0.74670
 2 36  0 4 1 o      3066.6689    4661.1807 180.68  0.74664
13 14  4 8 1 o        60.3704      88.1755   0.97  0.74640
15 19  1 8 1 o         9.1837      13.6516   0.97  0.74632
 1 19  6 8 1 o       234.4531     366.9728   0.56  0.74628
 8 32  1 8 1 o       539.6396     820.8353   0.73  0.74626
12 22  3 8 1 o         1.0203       1.5223   0.85  0.74622
12  8  5 8 1 o       105.6067     150.3633 180.82  0.74577
16  5  3 8 1 o         0.3875       0.5433 170.16  0.74564
17 10  1 8 1 o       430.1632     612.2366 180.77  0.74562
 0  5  7 4 1 o        36.4854      55.6185 181.36  0.74559
 9 18  5 8 1 o         2.3901       3.4983   0.98  0.74558
 2  3  7 8 1 o       204.0517     308.3206   0.37  0.74546
 7 33  1 8 1 o         1.9009       2.7706 184.55  0.74534
14 22  1 8 1 o        21.0740      30.1803   1.59  0.74530
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 4 35  1 8 1 o       37.7214     54.7111 180.63  0.74529
10 22  4 8 1 o      330.8954    475.4394   0.47  0.74528
 9  6  6 8 1 o       12.3742     17.2332 179.11  0.74506
 7 13  6 8 1 o       24.6310     33.8790 182.16  0.74470
11 20  4 8 1 o      174.4739    234.8534 359.83  0.74459
17  5  2 8 1 o      137.1951    179.6092 180.92  0.74448
 1  5  7 8 1 o        9.5113     12.9171   0.96  0.74443
15 17  2 8 1 o       30.0941     39.3086 180.84  0.74433
13 25  0 4 1 o      184.0585    242.3659   0.97  0.74431
 9 31  1 8 1 o      133.9846    176.5606   0.58  0.74428
 3 25  5 8 1 o      175.2044    233.5014 359.96  0.74428
 0 30  4 4 1 o       26.5445     34.3593 359.48  0.74406
 6 15  6 8 1 o      105.8249    135.4703 181.35  0.74400
 8 20  5 8 1 o       20.9157     26.3762 181.11  0.74388
12 25  2 8 1 o      321.2139    393.6145   0.42  0.74361
 2  4  7 8 1 o       87.3597    105.6592 180.97  0.74349
10 26  3 8 1 o        9.7049     11.4090 359.40  0.74315
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 2 19  6 8 1 o       41.2191     46.7518 179.94  0.74280
 0 33  3 4 1 o     1052.5254   1196.9235 180.69  0.74278
10 16  5 8 1 o       11.4714     13.1171   0.17  0.74271
 1 36  1 8 1 o        0.0423      0.0481 181.21  0.74269
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 4 32  3 8 1 o        7.9979      8.9597   1.13  0.74254
 4 34  2 8 1 o      303.3171    339.4060 180.57  0.74247
 5 35  0 4 1 o      622.0584    691.4964   1.67  0.74229
16 13  2 8 1 o      227.0461    254.8332   0.83  0.74219
14 10  4 8 1 o       85.5801     96.2270   0.23  0.74213
 4 29  4 8 1 o      422.0146    462.1917   0.60  0.74213
 3  1  7 8 1 o       69.2901     75.2809 180.29  0.74192
 8 31  2 8 1 o      293.4298    319.7670   0.59  0.74174
13 23  2 8 1 o      141.4734    154.9066   0.58  0.74167
 1 33  3 8 1 o       79.1785     85.7450 180.56  0.74163
 6 34  1 8 1 o       12.6388     13.7338 181.89  0.74155
 9 24  4 8 1 o     1505.8944   1634.1785 180.58  0.74141
 9  7  6 8 1 o      107.6888    117.8414 180.33  0.74141
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 7 32  2 8 1 o        7.4271      8.0423 359.37  0.74139
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12  9  5 8 1 o     1791.7078   1965.2180 181.04  0.74099
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13 20  3 8 1 o      316.3225    344.3015   0.51  0.74091
14 17  3 8 1 o      238.1315    259.9240 180.61  0.74087
 8 11  6 8 1 o      108.0058    117.1201   0.03  0.74085
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 6 23  5 8 1 o       42.8887     46.3226 180.45  0.74005
16 16  1 8 1 o      181.5319    198.3131   0.76  0.73998
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12 18  4 8 1 o     308.5566    339.5446 181.13  0.73937
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13 15  4 8 1 o       9.7559     11.0400 181.74  0.73830
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 2 33  3 8 1 o    1469.1611   1663.4073   0.70  0.73821
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 7 14  6 8 1 o       5.2355      6.2100 181.18  0.73719
 6 31  3 8 1 o      96.3399    114.5789 359.98  0.73719
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11 14  5 8 1 o      25.7562     31.0467 180.76  0.73541
 9 19  5 8 1 o      27.1793     33.1495 180.54  0.73532
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17 13  0 4 1 o     242.8172   272.8763   0.86 0.73383
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 8 21  5 8 1 o     201.2807   210.2632   0.80 0.73261
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 0 37  1 4 1 o      0.0462      0.0438 171.38 0.72413
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11 16  5 8 1 o    111.1533    126.5459  0.61  0.71962
 8 27  4 8 1 o    358.9402    420.9661  0.20  0.71932
12 20  4 8 1 o     31.2070     36.3675  0.51  0.71924
 4 20  6 8 1 o    252.9223    301.0684 180.68  0.71922
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12 13  5 8 1 o    110.2575    134.4109  0.60  0.71768
 6 18  6 8 1 o    595.4893    740.6954 179.77  0.71761
 4  8  7 8 1 o    165.8465    206.9243  1.75  0.71756
 9 33  0 4 1 o     25.2596     31.4335 358.39  0.71720
18  8  1 8 1 o    278.9637    343.3480 181.20  0.71677
10  8  6 8 1 o     60.6182     74.9995 180.08  0.71674
14 14  4 8 1 o      1.5791      1.9464 179.81  0.71669
11 30  1 8 1 o    280.7992    350.9017 180.71  0.71669
 5 30  4 8 1 o    126.5056    159.0193 180.46  0.71667
13 27  0 4 1 o    285.9058    356.9719  0.25  0.71663
 3 27  5 8 1 o      0.1028      0.1297 306.84  0.71660
 5 36  1 8 1 o     13.6204     17.0492 180.25  0.71649
 9 12  6 8 1 o     46.8767     58.4286 359.66  0.71629
13 25  2 8 1 o      0.0038      0.0047 348.89  0.71628
 3 21  6 8 1 o    137.3120    173.6922 180.26  0.71614
 7 35  0 4 1 o   2139.1243   2683.1221 180.63  0.71612
12 27  2 8 1 o    109.6510    137.3500 180.21  0.71600
17  1  3 8 1 o      0.0004      0.0005 134.49  0.71584
 3 10  7 8 1 o    315.2014    399.1913  0.67  0.71575
 2 11  7 8 1 o      0.0072      0.0091  90.42  0.71564
15  9  4 8 1 o      4.9764      6.1430 180.60  0.71559
 5 33  3 8 1 o     17.6677     22.2605 180.40  0.71553
 5  6  7 8 1 o     60.8568     76.6561 181.44  0.71528
 3 34  3 8 1 o    479.9416    604.4883  0.67  0.71525
17  2  3 8 1 o    197.0512    242.6678 180.74  0.71509
 9 26  4 8 1 o      4.9811      6.2455 180.48  0.71504
10 19  5 8 1 o     46.6228     58.1600 180.25  0.71495
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15 20  2 8 1 o    553.5069    688.2191 180.59  0.71489
 6 25  5 8 1 o     52.6429     66.1900   0.71  0.71481
 3 37  1 8 1 o    159.7050    199.5105 180.19  0.71470
 0 22  6 4 1 o     19.0406     23.9629   0.91  0.71465
10 28  3 8 1 o     16.8018     20.9688 180.41  0.71460
 9 21  5 8 1 o     25.6093     31.8947 358.46  0.71450
 5 35  2 8 1 o      3.3733      4.2093 174.43  0.71447
18 10  0 4 1 o      0.6724      0.8284 174.44  0.71436
16 12  3 8 1 o     86.0380    105.4943 180.76  0.71405
13  9  5 8 1 o    837.6002   1025.2440   0.82  0.71394
10 32  0 4 1 o    157.2471    194.3661 180.41  0.71389
17  3  3 8 1 o     14.4085     17.5783 180.52  0.71384
 7 24  5 8 1 o    636.8448    786.1102 180.64  0.71369
15 22  1 8 1 o     53.6227     65.8277 180.74  0.71366
 1 22  6 8 1 o     24.1136     29.8132 180.94  0.71362
 8 15  6 8 1 o    196.0582    240.7230   0.91  0.71354
 5 26  5 8 1 o     34.0305     41.8527 358.44  0.71339
 4  9  7 8 1 o    982.7882   1206.4819   0.47  0.71330
 3 36  2 8 1 o      1.9805      2.4214  13.07  0.71320
17 12  2 8 1 o    250.6032    303.7414 180.17  0.71304
18  0  2 4 1 o   2825.7644   3418.2949 180.45  0.71302
 1 12  7 8 1 o    257.4916    314.5808 180.59  0.71299
 7 17  6 8 1 o    704.9924    859.1044 180.67  0.71298
18  1  2 8 1 o    239.9509    289.4502   1.08  0.71277
 6  1  7 8 1 o      0.8932      1.0839 358.77  0.71272
17 15  1 8 1 o     56.8868     68.6351   0.26  0.71255
18  9  1 8 1 o   1107.2047   1333.9387 180.61  0.71253
16 19  1 8 1 o      0.3732      0.4505 357.85  0.71252
14 23  2 8 1 o    200.0135    241.6064 180.87  0.71250
10  9  6 8 1 o    100.9092    121.7247   0.20  0.71250
13 18  4 8 1 o    689.9840    832.0912 181.25  0.71249
17  4  3 8 1 o    382.3885    458.0191 180.73  0.71211
 5  7  7 8 1 o     54.3547     65.5139   0.63  0.71205
18  2  2 8 1 o     28.8306     34.5249 359.03  0.71203
 6  2  7 8 1 o     77.2107     92.9254 181.02  0.71198
 0 38  0 2 1 o   2050.7202   2463.4443 180.48  0.71182
14 20  3 8 1 o      7.5420      9.0419   0.51  0.71182
 6 36  0 4 1 o   1407.2952   1690.4132 180.09  0.71177
11 29  2 8 1 o    142.0500    170.5140 180.19  0.71170
 0 32  4 4 1 o    154.0505    185.0008 180.43  0.71143
 8 34  1 8 1 o    135.8192    162.7321   0.47  0.71138
11 17  5 8 1 o     98.3295    117.5266 180.30  0.71136
11  0  6 4 1 o    149.3631    177.9348 181.12  0.71116
 1 28  5 8 1 o     30.0982     36.0904 181.23  0.71112
12 14  5 8 1 o    146.0309    173.8335 180.51  0.71095
11  1  6 8 1 o    659.5681    784.3358 180.52  0.71091
15 10  4 8 1 o    169.5211    201.3095 359.98  0.71088
18  3  2 8 1 o     11.4340     13.5678 183.44  0.71080
16 17  2 8 1 o   2432.6504   2893.0374   0.58  0.71078
 6  3  7 8 1 o    260.7988    311.2148   0.21  0.71075
 4 31  4 8 1 o     22.2570     26.5996   2.00  0.71072
11 23  4 8 1 o     39.7587     47.3406   0.33  0.71067
 9 33  1 8 1 o    303.0943    361.3304   0.95  0.71064
 2 22  6 8 1 o     54.1466     64.6906 180.77  0.71058
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 3 11   7  8  1  o      29.9630     35.7886  359.45  0.71054
 1 32   4  8  1  o      35.7436     42.6309    1.10  0.71042
11  2   6  8  1  o       0.6372      0.7530    8.81  0.71017
 9 13   6  8  1  o      85.0984    100.7656    0.94  0.71009
13 27   1  8  1  o    1566.7124   1857.1333    0.85  0.71009
 8 23   5  8  1  o       2.1357      2.5336  181.88  0.71005
 5 20   6  8  1  o     164.3044    195.1548  180.38  0.70998
 2 12   7  8  1  o     137.0541    162.8389    0.63  0.70995
17  5   3  8  1  o       6.4361      7.5720  180.15  0.70990
15 17   3  8  1  o      22.4983     26.4981  359.98  0.70977
 7 35   1  8  1  o      70.3652     83.0464  180.36  0.70960
14 15   4  8  1  o     176.6730    207.3875  180.14  0.70950
 4 27   5  8  1  o      19.2528     22.7501  358.48  0.70946
16 20   0  4  1  o     147.5708    173.3893  359.50  0.70941
13 10   5  8  1  o     201.6050    235.8669  180.93  0.70926
12 25   3  8  1  o     312.8488    366.7620  180.40  0.70914
18  4   2  8  1  o      14.1585     16.5225  359.75  0.70908
15 23   0  4  1  o     168.6946    197.5254  181.29  0.70907
 6  4   7  8  1  o     251.3873    294.7140  181.01  0.70904
12 21   4  8  1  o     961.5345   1124.6659    0.40  0.70903
 4 21   6  8  1  o      25.6080     30.0813    2.25  0.70901
11  3   6  8  1  o     240.5273    280.5459  180.61  0.70895
 4 10   7  8  1  o     260.4207    303.9436    1.29  0.70864
 6 19   6  8  1  o       6.3845      7.4234    1.53  0.70845
 8 33   2  8  1  o     429.1854    498.5121  180.59  0.70843
 5  8   7  8  1  o     508.8993    590.9694    0.34  0.70838
14 25   1  8  1  o      99.9350    115.8282    0.91  0.70835
10 25   4  8  1  o      41.4371     48.0309    0.17  0.70833
 4 34   3  8  1  o      12.9626     14.9900    0.26  0.70815
11 31   0  4  1  o     123.5286    142.7232    0.23  0.70813
 2 28   5  8  1  o     315.1896    364.4035    0.66  0.70810
16 13   3  8  1  o       7.5775      8.7165  178.39  0.70791
18 10   1  8  1  o     402.3973    462.7136  180.90  0.70788
12 29   1  8  1  o     695.2606    799.8683  180.52  0.70788
 0 13   7  4  1  o     141.5285    162.8968  180.84  0.70787
10 10   6  8  1  o       0.0778      0.0894    4.92  0.70785
 2 38   0  4  1  o      22.9180     26.3317  180.43  0.70780
 4 37   1  8  1  o      12.1568     13.9274    0.49  0.70762
 8 31   3  8  1  o      17.5443     20.0681    1.62  0.70752
13 23   3  8  1  o     212.8682    243.3884  180.43  0.70746
10 32   1  8  1  o      44.4876     50.8213  181.08  0.70743
 2 32   4  8  1  o     115.0911    131.3759    0.40  0.70741
 0 35   3  4  1  o     277.3744    316.6168    0.45  0.70739
11  4   6  8  1  o     103.4715    118.0908    0.71  0.70726
 9 32   2  8  1  o       6.1832      7.0449  180.07  0.70722
17  6   3  8  1  o     165.9069    189.3468    0.97  0.70722
 7 32   3  8  1  o     834.4402    950.4698    0.82  0.70722
 7 34   2  8  1  o       3.2554      3.7062  183.28  0.70716
17 13   2  8  1  o     218.2940    248.4598    0.66  0.70692
18  5   2  8  1  o     267.5215    304.5461    0.79  0.70690
11 27   3  8  1  o       4.6095      5.2378  357.51  0.70688
 1 13   7  8  1  o       5.1681      5.8617    0.13  0.70688
 7 29   4  8  1  o      13.7274     15.5843    0.95  0.70687
 6  5   7  8  1  o      82.2143     93.3681  180.53  0.70686
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 1 35  3 8 1 o      1.9235     2.1825 179.30  0.70640
14  1  5 8 1 o      8.3296     9.4637 180.60  0.70632
 4 36  2 8 1 o      3.3908     3.8537 175.40  0.70616
 8 16  6 8 1 o     31.6469    36.0235 359.95  0.70596
15 11  4 8 1 o      4.0198     4.5714   1.40  0.70578
 8 28  4 8 1 o      7.8500     8.9613   0.44  0.70572
14  2  5 8 1 o     32.7278    37.2048   1.20  0.70559
 3 22  6 8 1 o     62.2228    71.2693   0.52  0.70558
 6 30  4 8 1 o     77.9106    89.1971 180.22  0.70555
10 20  5 8 1 o      9.8926    11.3127   0.44  0.70540
 6 36  1 8 1 o      0.6238     0.7147 180.00  0.70537
 9 30  3 8 1 o    368.4072   422.2737   1.02  0.70536
11  5  6 8 1 o      3.2481     3.7042 359.72  0.70509
 5 37  0 4 1 o     64.5928    74.1806   1.53  0.70504
17 16  1 8 1 o      6.4851     7.4074   0.04  0.70501
 3 12  7 8 1 o      4.2633     4.9285   1.82  0.70497
15 21  2 8 1 o     94.5680   108.2043   0.18  0.70487
 7 18  6 8 1 o      0.8779     1.0100   2.70  0.70447
 6 33  3 8 1 o    240.0927   276.3892   0.26  0.70446
 1 38  1 8 1 o      7.8271     8.9790 179.64  0.70443
14  3  5 8 1 o     43.5993    49.3177   1.43  0.70440
 5  9  7 8 1 o    347.4940   399.7562 180.53  0.70429
18  6  2 8 1 o      5.0004     5.6539 181.48  0.70426
 6  6  7 8 1 o    386.8913   443.3259   0.84  0.70422
16  0  4 4 1 o    248.0916   279.5210   0.77  0.70420
13 11  5 8 1 o     10.5063    11.8822 180.70  0.70419
17  7  3 8 1 o      0.7260     0.8179   1.16  0.70410
 9 22  5 8 1 o     13.7974    15.7116 181.30  0.70402
16  1  4 8 1 o   1960.0339  2198.3374 180.63  0.70396
12 15  5 8 1 o    346.6545   391.0460 180.84  0.70394
 2 13  7 8 1 o    140.0089   160.3136   0.52  0.70392
13 26  2 8 1 o    401.2888   453.4910   0.27  0.70380
18 12  0 4 1 o     91.6900   102.5049 179.94  0.70364
 4 11  7 8 1 o     17.5636    19.8374 181.39  0.70358
 9 14  6 8 1 o     10.9101    12.2262   1.74  0.70358
10 31  2 8 1 o     72.1455    81.0734 180.42  0.70357
13 19  4 8 1 o     21.0723    23.5030 181.64  0.70352
 1 37  2 8 1 o    157.4549   176.2654   0.85  0.70347
 6 35  2 8 1 o   1520.2963  1700.7739 180.79  0.70345
 2 35  3 8 1 o      0.0864     0.0968 171.86  0.70344
17 17  0 4 1 o    629.4061   699.8011   0.77  0.70342
16  2  4 8 1 o      4.2040     4.6262 181.59  0.70324
 3 28  5 8 1 o     13.2666    14.6920   1.67  0.70316
16 20  1 8 1 o     20.8593    22.8916 181.93  0.70307
11 18  5 8 1 o      2.6111     2.8471 179.42  0.70291
18 11  1 8 1 o      1.4053     1.5274 357.03  0.70285
10 11  6 8 1 o      9.7512    10.5895   0.40  0.70281
15 23  1 8 1 o     11.7188    12.6879   2.58  0.70274
14  4  5 8 1 o     33.3185    36.0638   1.55  0.70273
 1 23  6 8 1 o     54.4543    58.8408   0.89  0.70270
12 28  2 8 1 o     55.0575    59.2309 180.15  0.70259
 3 32  4 8 1 o      5.3830     5.7535 182.33  0.70248
11  6  6 8 1 o     17.4788    18.7378 181.61  0.70247
14 26  0 4 1 o    186.5587   199.3940   0.72  0.70244
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 6 26  5 8 1 o      679.1375     723.6296   0.94  0.70241
16 18  2 8 1 o      780.4293     832.4022   0.68  0.70234
 9 27  4 8 1 o       20.2456      21.3738   0.47  0.70215
16  3  4 8 1 o      962.0447    1019.7824   0.51  0.70206
14 16  4 8 1 o       36.6572      38.7549 180.98  0.70206
14 21  3 8 1 o       15.6051      16.4036 183.48  0.70193
11 31  1 8 1 o        5.5768       5.8232 181.69  0.70182
 7 25  5 8 1 o       41.2672      42.9978   1.11  0.70182
 5 31  4 8 1 o      111.0358     115.5436 180.62  0.70181
 2 38  1 8 1 o       50.7676      52.5763 179.55  0.70150
16 14  3 8 1 o       66.7495      69.5042   0.42  0.70146
19  1  0 4 1 o      521.7086     543.4027   1.12  0.70143
15 18  3 8 1 o        4.2950       4.4568 181.00  0.70137
18  7  2 8 1 o      177.1911     183.6940   0.58  0.70118
14 24  2 8 1 o      369.3625     380.7233 180.71  0.70116
 6  7  7 8 1 o      354.3707     364.0181   0.25  0.70114
10 29  3 8 1 o      392.8719     401.9801   0.61  0.70079
14  5  5 8 1 o       95.0082      97.7143 180.71  0.70061
 5 27  5 8 1 o       73.5887      74.9345   0.59  0.70059
17  8  3 8 1 o      505.3223     519.1121 180.79  0.70055
 2 37  2 8 1 o      159.7909     162.9599 180.87  0.70055
17 14  2 8 1 o      260.0836     266.4168   0.64  0.70049
 1 14  7 8 1 o        1.1217       1.1402 359.91  0.70045
16  4  4 8 1 o       28.0193      28.7589 180.96  0.70041
15 12  4 8 1 o      111.2026     113.8042   1.02  0.70032
 5 21  6 8 1 o      136.9219     138.7759 181.15  0.70016
12 30  0 4 1 o     1162.5906    1179.7900 180.64  0.70009
 7  1  7 8 1 o        0.1822       0.1842 184.14  0.69984
 2 23  6 8 1 o        2.5212       2.5404 178.62  0.69979
 5 10  7 8 1 o      100.1384     101.0026   0.02  0.69979
19  3  0 4 1 o      546.4846     553.2846 181.14  0.69956
11 24  4 8 1 o     1444.3618    1450.8882   0.66  0.69941
11  7  6 8 1 o        0.2196       0.2215 181.31  0.69941
 5 34  3 8 1 o       85.8704      85.8804   0.01  0.69933
 6 20  6 8 1 o        0.0005       0.0005 185.69  0.69916
 7  2  7 8 1 o       56.6041      56.5380   0.41  0.69914
 3 13  7 8 1 o       26.1487      25.9377 180.34  0.69906
 8 24  5 8 1 o        0.0332       0.0329  27.59  0.69883
 5 37  1 8 1 o       10.2513      10.1722 180.52  0.69881
12 22  4 8 1 o       68.6973      68.3838 180.44  0.69878
13 12  5 8 1 o        3.0325       3.0346   2.45  0.69877
 4 22  6 8 1 o       17.6325      17.3831 180.39  0.69877
 3 35  3 8 1 o       40.2916      39.7499   0.04  0.69860
 0 29  5 4 1 o      149.9518     147.1419   0.41  0.69847
16  5  4 8 1 o      506.0362     506.7204 180.76  0.69830
 4 12  7 8 1 o       51.9895      50.9509 181.62  0.69817
 8 17  6 8 1 o       36.8244      36.3242 181.31  0.69816
14  6  5 8 1 o       13.9737      13.9724   1.32  0.69804
 7  3  7 8 1 o       30.2373      29.8553 181.32  0.69797
18  8  2 8 1 o       28.5290      28.5248   0.11  0.69767
 6  8  7 8 1 o     1330.5447    1313.4316 180.85  0.69763
11 30  2 8 1 o     1261.8510    1248.3995 180.57  0.69759
 2 14  7 8 1 o      117.7192     115.6946 181.01  0.69757
 1 29  5 8 1 o      108.3340     106.5702   0.35  0.69751
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18 12  1 8 1 o      58.8004      58.7775    2.17  0.69745
10 12  6 8 1 o     751.3140     748.8502    0.81  0.69742
 5 36  2 8 1 o     138.5694     137.2952  180.60  0.69741
17 17  1 8 1 o       0.4130       0.4132    7.05  0.69724
12 26  3 8 1 o       9.3109       9.3137    0.35  0.69703
13 28  1 8 1 o      25.5673      25.5718    0.87  0.69700
 9 15  6 8 1 o       1.2110       1.2182  189.35  0.69677
 3 38  1 8 1 o      37.9784      38.2262  180.69  0.69669
12 16  5 8 1 o      34.7326      35.0893  180.82  0.69666
17  9  3 8 1 o      20.7446      21.0299  359.64  0.69659
 4 28  5 8 1 o     193.0583     195.3051  181.20  0.69641
13 24  3 8 1 o      97.1154      98.5372    0.53  0.69636
 7  4  7 8 1 o       0.0295       0.0300   20.15  0.69635
14 26  1 8 1 o      30.5394      31.0259    3.38  0.69628
10 26  4 8 1 o     137.6679     139.8724    0.64  0.69626
 4 38  0 4 1 o    1064.9855    1084.9409  180.61  0.69612
11  8  6 8 1 o      16.2225      16.5794  179.83  0.69593
19  5  0 4 1 o     374.1440     382.7932    0.80  0.69584
 7 19  6 8 1 o     568.2513     582.2047  180.87  0.69579
10 21  5 8 1 o      83.4845      85.5055  181.24  0.69577
 3 37  2 8 1 o       1.1957       1.2254  359.14  0.69576
16  6  4 8 1 o     163.2662     167.2082    0.23  0.69576
 4 32  4 8 1 o      65.8462      67.5302  180.26  0.69576
19  1  1 8 1 o     318.7217     327.2912  180.43  0.69530
14  7  5 8 1 o     412.6454     423.9255  180.70  0.69503
 3 23  6 8 1 o     253.2578     260.7526  181.00  0.69502
 1 33  4 8 1 o      13.6713      14.0707  179.80  0.69501
 8 35  1 8 1 o     110.1236     113.2236  180.46  0.69499
 5 11  7 8 1 o      60.3998      62.1169    0.75  0.69493
15 22  2 8 1 o      46.7056      47.9539  180.71  0.69480
 9 34  1 8 1 o     231.9507     238.1483  180.60  0.69476
16 15  3 8 1 o       0.1313       0.1347  348.73  0.69471
 0 15  7 4 1 o     669.2845     686.8998  180.30  0.69468
 2 29  5 8 1 o     340.5546     349.4529  180.99  0.69466
19  2  1 8 1 o     103.9752     106.6896    0.42  0.69461
15 13  4 8 1 o       1.4334       1.4699  177.07  0.69452
13 20  4 8 1 o       0.8656       0.8862   10.62  0.69442
14 17  4 8 1 o       0.4274       0.4376  207.51  0.69438
11 19  5 8 1 o       0.3486       0.3563    2.48  0.69429
 7  5  7 8 1 o       0.2968       0.3031  357.09  0.69429
12 30  1 8 1 o     407.4951     414.4460  180.53  0.69400
11 28  3 8 1 o       7.9282       8.0615    0.15  0.69397
17 15  2 8 1 o     365.5974     372.3455  180.67  0.69378
18  9  2 8 1 o       1.6766       1.7098    0.13  0.69376
16 19  2 8 1 o     791.9807     805.3414    0.75  0.69374
 1 15  7 8 1 o     736.0115     742.9581  180.84  0.69374
 6  9  7 8 1 o     174.5704     176.6436    0.72  0.69372
16 21  1 8 1 o       3.5331       3.5814  178.59  0.69353
 9 23  5 8 1 o       4.1801       4.2241  181.67  0.69353
19  3  1 8 1 o     375.4634     382.2689  180.58  0.69347
 7 30  4 8 1 o      13.9501      14.0024  181.65  0.69304
13 13  5 8 1 o     118.5276     120.3190  180.15  0.69301
 7 36  1 8 1 o       2.1759       2.1880    0.05  0.69287
 3 14  7 8 1 o      38.3271      38.3015    0.80  0.69284
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15 19  3 8 1 o       0.0450      0.0456 176.07  0.69280
16  7  4 8 1 o     168.3625    171.6365 180.81  0.69279
 0 24  6 4 1 o     978.7180    977.9717   0.70  0.69275
 8 32  3 8 1 o       5.3873      5.4109 178.93  0.69275
 8 34  2 8 1 o     547.1010    549.8935 180.61  0.69269
 1 39  0 4 1 o      43.0141     43.3208 181.06  0.69263
 4 13  7 8 1 o     110.4704    110.6135 180.52  0.69243
 8 29  4 8 1 o      81.4191     81.8660 179.53  0.69242
17 10  3 8 1 o     705.5769    721.0308 180.75  0.69224
10 33  1 8 1 o     169.2088    170.8191 181.07  0.69221
 2 33  4 8 1 o      55.3311     55.5861   0.83  0.69219
11  9  6 8 1 o      29.7613     30.3727 180.04  0.69205
 9 33  2 8 1 o     685.1245    693.3401 180.63  0.69202
 7 33  3 8 1 o       1.0045      1.0153 359.49  0.69201
14 22  3 8 1 o       0.7102      0.7233   0.08  0.69198
 4 35  3 8 1 o     383.3629    387.4542   0.46  0.69198
19  4  1 8 1 o       6.1664      6.3311 179.03  0.69188
15 24  1 8 1 o      61.8458     63.0198   0.46  0.69185
 1 24  6 8 1 o     416.0678    420.2385   0.50  0.69182
 7  6  7 8 1 o     257.9223    262.5452   0.62  0.69178
18 13  1 8 1 o      25.7169     26.4145 180.67  0.69173
10 13  6 8 1 o      76.7661     78.6290 179.92  0.69169
14  8  5 8 1 o      85.1698     87.9908   1.74  0.69162
18 14  0 4 1 o       4.4482      4.5802   3.93  0.69158
13 27  2 8 1 o     108.2420    111.0408 180.34  0.69151
 6 31  4 8 1 o      37.8906     38.8650 181.75  0.69135
 9 31  3 8 1 o       0.0628      0.0649 354.45  0.69117
 7 35  2 8 1 o    3380.8755   3508.8464 180.58  0.69105
 2 15  7 8 1 o     106.9713    111.0714   0.31  0.69094
19  7  0 4 1 o      15.4149     16.4818   0.83  0.69038
 5 22  6 8 1 o       5.1485      5.5010 359.97  0.69028
 6 27  5 8 1 o     341.5165    366.6368   0.34  0.69019
 8 18  6 8 1 o      40.0815     43.1122 182.20  0.69016
 4 38  1 8 1 o     485.5426    523.0199 180.54  0.69013
 7 26  5 8 1 o    3756.8474   4055.3669   0.61  0.69007
13 29  0 4 1 o     678.4272    734.2866 180.41  0.69002
 3 29  5 8 1 o      58.3633     63.2087 180.16  0.69000
14 25  2 8 1 o       6.5547      7.1317 182.66  0.68990
 1 36  3 8 1 o       7.6661      8.3433   0.29  0.68989
19  5  1 8 1 o     244.7601    266.7172 180.48  0.68985
 6 21  6 8 1 o      79.3084     86.7973 181.54  0.68977
16 22  0 4 1 o     410.0770    448.5866 359.98  0.68976
 9 16  6 8 1 o     216.1230    236.9037   0.47  0.68972
 5 12  7 8 1 o     312.6589    343.1342 180.92  0.68971
 9 28  4 8 1 o      15.7200     17.4046 179.78  0.68949
18 10  2 8 1 o     215.9704    238.6394   0.37  0.68946
12 29  2 8 1 o       3.6830      4.0810 181.72  0.68946
 6 10  7 8 1 o     679.5059    754.7651 180.92  0.68942
16  8  4 8 1 o      78.6966     87.0890 180.55  0.68940
17 18  1 8 1 o      19.4994     21.7235   0.53  0.68927
 4 37  2 8 1 o     482.7685    540.4041   0.79  0.68922
12 17  5 8 1 o     184.4519    206.2708   0.56  0.68916
10 32  2 8 1 o       6.4781      7.2966 181.44  0.68904
 2 24  6 8 1 o     859.6647    971.6789 180.73  0.68904
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 6 34  3 8 1 o       0.4989      0.5638 359.94  0.68898
12  0  6 4 1 o     158.9954    178.5582 178.69  0.68897
 7  7  7 8 1 o      66.6949     75.5405 180.65  0.68886
12  1  6 8 1 o      95.8089    108.2931   0.28  0.68874
12 23  4 8 1 o      12.8777     14.6972 179.46  0.68852
 4 23  6 8 1 o      16.0477     18.4363 181.23  0.68850
 6 37  1 8 1 o      30.7878     35.2431   0.53  0.68849
15 14  4 8 1 o       0.3190      0.3636 193.72  0.68842
11 25  4 8 1 o     237.6398    273.2303   0.53  0.68823
12  2  6 8 1 o      40.8714     46.9221 359.94  0.68808
 5 28  5 8 1 o     550.0551    637.1046 180.74  0.68801
14  9  5 8 1 o     448.7853    517.5895   0.66  0.68781
11 10  6 8 1 o       0.4072      0.4707 358.70  0.68778
16 16  3 8 1 o      44.0454     50.9385 180.09  0.68772
 8 25  5 8 1 o     281.3009    326.7833   0.64  0.68767
 0 39  1 4 1 o       1.4567      1.6917   5.68  0.68764
 3 33  4 8 1 o      73.0800     85.0755   0.78  0.68757
17 11  3 8 1 o      51.7348     59.9779 180.06  0.68753
19  6  1 8 1 o      10.8893     12.6571 182.01  0.68740
11 32  1 8 1 o      19.1788     22.3543 180.23  0.68739
 5 32  4 8 1 o       6.6059      7.7069   1.46  0.68738
10 30  3 8 1 o       0.3643      0.4251   4.86  0.68732
 0 38  2 4 1 o       0.8406      0.9830 179.06  0.68719
 6 36  2 8 1 o      18.3061     21.4246 179.94  0.68714
 2 36  3 8 1 o       0.2171      0.2541   0.46  0.68714
 7 20  6 8 1 o      13.8792     16.2913 359.60  0.68698
12  3  6 8 1 o     120.6641    141.4536 180.19  0.68697
13 14  5 8 1 o      37.1667     43.5996 180.88  0.68695
17 19  0 4 1 o     434.2575    510.2777   0.94  0.68690
17 16  2 8 1 o     659.4386    776.1025   0.55  0.68681
15 25  0 4 1 o     165.3003    194.8118 359.93  0.68678
 1 16  7 8 1 o     212.2901    250.2426 180.44  0.68677
 1 39  1 8 1 o     626.9423    739.8655   0.72  0.68673
14 18  4 8 1 o     129.9835    154.1371 180.41  0.68651
 4 14  7 8 1 o     412.5978    491.6112   0.86  0.68638
 3 15  7 8 1 o     523.0637    624.0653   0.68  0.68634
 1 38  2 8 1 o     147.6451    176.5213   0.45  0.68627
10 22  5 8 1 o      42.1089     50.6674   0.42  0.68608
 8  1  7 8 1 o      21.6711     26.3229   0.22  0.68581
18 14  1 8 1 o     196.1505    238.5642 181.00  0.68570
10 14  6 8 1 o      50.3736     61.4671 180.23  0.68567
16  9  4 8 1 o      71.1512     86.4782   0.22  0.68563
11 20  5 8 1 o      63.7016     78.1617   0.22  0.68554
 7  8  7 8 1 o     662.1128    814.4507   0.64  0.68553
12  4  6 8 1 o     135.2143    165.7681   0.28  0.68542
13 25  3 8 1 o       0.9930      1.2299 182.21  0.68532
 3 39  0 4 1 o      92.1826    114.6102 180.06  0.68528
13 21  4 8 1 o       8.4559     10.4905   0.23  0.68522
 9 35  0 4 1 o     401.1199    501.0187   1.18  0.68519
 8  2  7 8 1 o      55.0273     68.6199   0.82  0.68515
12 27  3 8 1 o     339.7482    425.4252   1.58  0.68508
16 20  2 8 1 o     566.3953    707.5690 180.68  0.68501
 8 36  0 4 1 o     426.1010    537.2009 181.11  0.68497
18 11  2 8 1 o     191.6664    239.6655 180.56  0.68481
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 6 11  7 8 1 o      83.0566     105.8307 359.78  0.68477
15 23  2 8 1 o     210.2085     265.9948 180.68  0.68471
19  7  1 8 1 o     111.7680     140.7565 180.95  0.68453
 3 24  6 8 1 o     678.3790     879.8107 180.35  0.68448
14 27  1 8 1 o     172.1721     220.9976 180.62  0.68436
10 27  4 8 1 o     103.7972     133.6178 180.20  0.68435
 1 30  5 8 1 o      10.4694      13.6927 180.60  0.68422
13 29  1 8 1 o     216.4017     279.4421 180.77  0.68418
 5 13  7 8 1 o      38.9049      50.7296   0.46  0.68417
15 20  3 8 1 o      72.9720      93.3952 181.17  0.68411
 8  3  7 8 1 o      24.7083      31.8651 179.56  0.68405
 2 16  7 8 1 o      36.5653      48.0072 180.79  0.68405
 2 39  1 8 1 o      37.3537      48.4296 181.13  0.68401
16 22  1 8 1 o      80.7752     104.0784 181.06  0.68393
11 31  2 8 1 o       0.8570       1.1140 180.63  0.68386
 5 35  3 8 1 o      11.7493      15.3636 180.08  0.68374
14 10  5 8 1 o      15.4439      19.6639   3.24  0.68362
 4 29  5 8 1 o      92.3626     121.7366 180.26  0.68362
 2 38  2 8 1 o     265.9319     346.7750   0.90  0.68356
12  5  6 8 1 o     123.6091     157.7311   0.32  0.68345
19  9  0 4 1 o       2.5289       3.2275 180.77  0.68330
10 34  0 4 1 o     242.7440     315.1648   0.97  0.68317
11 11  6 8 1 o      70.8515      90.7221   0.42  0.68316
 9 24  5 8 1 o     246.3952     319.2323   0.94  0.68305
 3 36  3 8 1 o       1.1775       1.5147 180.12  0.68262
 8  4  7 8 1 o     109.9842     139.9931   1.08  0.68253
 7 37  0 4 1 o     331.8897     423.8017 181.17  0.68251
17 12  3 8 1 o       8.9994      11.3129   2.45  0.68248
 9 17  6 8 1 o     616.1373     782.9651   0.96  0.68243
18  1  3 8 1 o     217.0084     270.3884 180.56  0.68224
15 15  4 8 1 o       3.0389       3.7830   1.95  0.68205
14 23  3 8 1 o      98.0801     122.5442   0.96  0.68201
 8 19  6 8 1 o      46.5054      58.3249 359.78  0.68200
 5 38  1 8 1 o     172.5955     216.0152   0.52  0.68195
 7  9  7 8 1 o     119.4357     148.7083 181.19  0.68182
18  2  3 8 1 o      77.4495      94.8591 180.31  0.68159
 2 30  5 8 1 o       3.0339       3.7429   0.34  0.68153
16 10  4 8 1 o      12.8113      15.6520 179.95  0.68148
12 18  5 8 1 o       2.9976       3.6711 180.22  0.68146
11 29  3 8 1 o      70.8731      86.4761   0.73  0.68131
19  8  1 8 1 o     114.7004     139.3737 180.36  0.68127
 4 33  4 8 1 o       7.2962       8.8961 357.30  0.68126
17 19  1 8 1 o       1.2290       1.4891 183.36  0.68114
 5 37  2 8 1 o     880.3093    1065.7787   0.65  0.68108
12  6  6 8 1 o     942.0491    1137.9513   0.63  0.68106
15 25  1 8 1 o       0.2767       0.3342 169.81  0.68102
 0 34  4 4 1 o     114.7175     138.6274 180.17  0.68102
 1 25  6 8 1 o       4.8780       5.8895 181.07  0.68099
13 15  5 8 1 o       8.4797      10.1278 177.20  0.68062
 8  5  7 8 1 o       7.6395       9.1179 178.85  0.68058
18  3  3 8 1 o      96.7567     115.2599 180.50  0.68051
16 17  3 8 1 o     142.8293     170.1414 180.13  0.68050
12 31  1 8 1 o      18.4799      21.9991 179.98  0.68047
 0 17  7 4 1 o     128.9423     153.4173 180.65  0.68046
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 5 23  6 8 1 o      256.0650    304.1851   1.18  0.68039
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 1 34  4 8 1 o      118.3477    139.9106 180.56  0.68013
 4 15  7 8 1 o       56.0301     66.1619 180.29  0.68006
18 12  2 8 1 o       37.4302     44.0029 179.69  0.67982
 6 12  7 8 1 o      344.6754    404.9866   0.85  0.67978
17 17  2 8 1 o     2085.5679   2442.8296   0.66  0.67962
 3 16  7 8 1 o        7.7467      9.0750 180.50  0.67959
 1 17  7 8 1 o        1.3859      1.6232   0.91  0.67958
 7 31  4 8 1 o        2.1491      2.5156 177.91  0.67957
 3 39  1 8 1 o      639.6270    748.3064 180.56  0.67955
 9 35  1 8 1 o       83.2360     97.2172   0.27  0.67947
 8 30  4 8 1 o       30.0547     35.0642   0.91  0.67941
13 28  2 8 1 o       40.3429     47.0514   0.17  0.67940
18 15  1 8 1 o       77.9391     90.9031 180.44  0.67940
10 15  6 8 1 o      146.4791    170.7178 359.75  0.67937
 8 36  1 8 1 o       25.3981     29.5245 180.23  0.67925
15  1  5 8 1 o        0.1537      0.1787   4.18  0.67921
 3 38  2 8 1 o       29.8408     34.5764 180.84  0.67911
14 11  5 8 1 o      369.4155    428.3016 180.55  0.67908
18  4  3 8 1 o       46.7819     54.1939 359.94  0.67901
11 33  0 4 1 o        5.8952      6.8066   4.98  0.67897
14 26  2 8 1 o       37.2861     42.7968 359.97  0.67873
15  2  5 8 1 o        2.3510      2.7013   3.66  0.67857
14 19  4 8 1 o      131.7361    150.5320 181.34  0.67847
 7 27  5 8 1 o      102.8805    116.9842   1.12  0.67847
 8 33  3 8 1 o      185.7276    211.1506   1.22  0.67844
18 16  0 4 1 o       15.9552     18.2037 178.70  0.67840
 2 25  6 8 1 o       22.2104     25.1136 180.11  0.67834
 5 14  7 8 1 o        3.6049      4.0802 359.02  0.67834
12 24  4 8 1 o       26.0175     29.5247 180.71  0.67827
12  7  6 8 1 o        0.1836      0.2093 358.77  0.67827
 4 24  6 8 1 o       68.0344     76.7119   0.81  0.67825
 8  6  7 8 1 o      450.9603    510.9275 180.81  0.67822
11 12  6 8 1 o        1.8602      2.1131   4.08  0.67820
14 28  0 4 1 o      267.0455    301.9672 180.31  0.67817
 6 28  5 8 1 o      266.2318    299.6557   1.00  0.67815
 7 21  6 8 1 o        4.0806      4.5894 178.19  0.67807
19  0  2 4 1 o     1282.6648   1459.4868   0.58  0.67804
 6 38  0 4 1 o       52.1599     58.5656 359.87  0.67789
19  1  2 8 1 o      127.5601    144.7970 180.06  0.67782
 7 10  7 8 1 o      525.5251    588.4359   0.55  0.67774
19  9  1 8 1 o      216.7671    245.1417 181.14  0.67762
 6 32  4 8 1 o       29.5226     32.8588 359.91  0.67755
 8 35  2 8 1 o     2176.1367   2429.4644   0.56  0.67753
15  3  5 8 1 o       24.8867     28.2497 359.39  0.67751
10 34  1 8 1 o        1.2746      1.4237   0.69  0.67750
 2 34  4 8 1 o      317.9474    353.1060   0.76  0.67749
 9 32  3 8 1 o      209.1401    233.3138 180.89  0.67738
 9 34  2 8 1 o      521.8191    582.4147   0.51  0.67732
 7 34  3 8 1 o      424.6757    473.2609   0.69  0.67732
19  2  2 8 1 o       12.9601     14.7073   2.52  0.67719
11 26  4 8 1 o       26.8307     30.0659   0.07  0.67714
 3 30  5 8 1 o      346.0246    383.7614 180.86  0.67712
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17 13  3 8 1 o      3.9181      4.4405   0.15  0.67711
18  5  3 8 1 o    139.1412    158.1965 180.85  0.67709
 9 29  4 8 1 o      4.0034      4.4755 180.57  0.67707
16 11  4 8 1 o      0.0176      0.0200  93.06  0.67698
 2 17  7 8 1 o     71.7714     79.8297 180.37  0.67695
 7 37  1 8 1 o      3.3491      3.7637 179.34  0.67685
11 21  5 8 1 o     67.5362     76.5763   1.43  0.67668
12 30  2 8 1 o    385.7763    437.0596 180.69  0.67662
 8 26  5 8 1 o    972.5876   1098.9224 180.62  0.67661
 4 36  3 8 1 o      3.3640      3.8251   0.10  0.67644
10 23  5 8 1 o      2.3365      2.6763 177.36  0.67636
 0 40  0 2 1 o    130.0072    149.7278   0.73  0.67623
16 21  2 8 1 o    253.5708    293.6657 180.48  0.67618
19  3  2 8 1 o      5.4395      6.3370 184.10  0.67613
15  4  5 8 1 o     63.2892     74.0802   0.83  0.67602
13 22  4 8 1 o      6.0317      7.0600 179.71  0.67596
 5 29  5 8 1 o      8.3182      9.8979 359.31  0.67567
 7 36  2 8 1 o     69.8713     83.6410 181.38  0.67558
 8  7  7 8 1 o    556.7899    670.5187   0.57  0.67547
15 16  4 8 1 o      0.2531      0.3046 346.32  0.67542
15 21  3 8 1 o      5.8264      7.0698 181.15  0.67531
12  8  6 8 1 o     35.6550     43.6236   0.53  0.67509
 9 18  6 8 1 o    306.1985    380.9461 180.61  0.67496
10 33  2 8 1 o    315.1786    393.1082   0.64  0.67496
 0 37  3 4 1 o     36.1382     45.2624 180.26  0.67494
18  6  3 8 1 o     31.2043     38.5456   1.18  0.67477
19 11  0 4 1 o     84.8410    105.5682 180.73  0.67474
19  4  2 8 1 o     21.2666     26.4203   1.25  0.67465
15 24  2 8 1 o    385.2578    486.2096   0.48  0.67462
18 13  2 8 1 o    223.6164    280.5497 180.67  0.67451
 6 13  7 8 1 o     41.7564     53.7767 180.65  0.67447
13 26  3 8 1 o    426.2021    545.2319 179.95  0.67437
16 23  1 8 1 o     44.8692     57.4008 180.81  0.67430
14 12  5 8 1 o     10.4412     13.1932   1.31  0.67421
10 31  3 8 1 o     48.3239     62.7355 180.78  0.67417
15  5  5 8 1 o      6.3090      7.9350   1.73  0.67413
 1 37  3 8 1 o     42.3131     55.4175 180.26  0.67407
 6 35  3 8 1 o      6.0545      7.9241 179.59  0.67406
13 16  5 8 1 o      3.0513      3.8959 180.68  0.67403
 3 25  6 8 1 o    187.4252    248.6351 180.84  0.67399
17  0  4 4 1 o    374.1479    471.3607 180.18  0.67386
 8 20  6 8 1 o     57.5228     75.5307 181.18  0.67370
17  1  4 8 1 o    742.3928    936.2552   0.64  0.67365
19 10  1 8 1 o    130.6995    166.8188 180.11  0.67362
12 19  5 8 1 o      0.0422      0.0545 357.94  0.67360
 4 16  7 8 1 o     41.5327     55.4152   1.08  0.67350
 4 39  1 8 1 o      2.0981      2.7471   1.94  0.67346
11 33  1 8 1 o    249.2086    326.4301 181.09  0.67341
 5 33  4 8 1 o     61.2907     81.1474   0.16  0.67339
 7 11  7 8 1 o     11.0844     14.5161 180.99  0.67332
12 28  3 8 1 o      0.0527      0.0686 178.95  0.67331
 3 34  4 8 1 o     34.7163     45.8195 179.95  0.67316
16 18  3 8 1 o      0.2281      0.2905 359.92  0.67308
 4 38  2 8 1 o     96.4403    125.4555   0.45  0.67303
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17  2  4 8 1 o      314.0304    392.7177 180.75  0.67302
11 13  6 8 1 o       34.6073     44.0347   0.36  0.67294
17 20  1 8 1 o        1.7467      2.2216   3.19  0.67287
18 16  1 8 1 o      291.8745    369.1836 180.46  0.67285
10 16  6 8 1 o      110.0549    140.3138   1.10  0.67282
 2 40  0 4 1 o        0.1704      0.2184 348.23  0.67278
19  5  2 8 1 o       12.4608     15.5430   1.58  0.67277
12 32  0 4 1 o      350.8681    448.9461   0.50  0.67271
 9 25  5 8 1 o      619.1356    789.6810 180.48  0.67263
14 28  1 8 1 o      210.9197    267.7439   1.00  0.67263
 3 17  7 8 1 o       19.2962     24.9591 180.44  0.67263
10 28  4 8 1 o        4.9762      6.3347 180.74  0.67261
 6 38  1 8 1 o       47.3382     59.2691   1.24  0.67235
 8  8  7 8 1 o     1078.2457   1342.9431   0.67  0.67233
 5 15  7 8 1 o       30.4235     38.1419 180.71  0.67224
17 18  2 8 1 o      435.7698    533.8974   0.27  0.67223
 1 18  7 8 1 o        9.6085     12.0467 180.62  0.67220
16 12  4 8 1 o      271.9128    329.1203 180.28  0.67216
 0 31  5 4 1 o        1.0318      1.2830 181.27  0.67210
18  7  3 8 1 o       35.0860     42.1329 181.47  0.67206
14 24  3 8 1 o        0.1298      0.1579 187.67  0.67204
17  3  4 8 1 o        0.0003      0.0004 279.86  0.67198
15  6  5 8 1 o      125.3039    148.3277 180.70  0.67184
13 30  1 8 1 o       29.0435     34.3105 180.49  0.67162
12  9  6 8 1 o       56.4924     65.8375 180.20  0.67155
 6 37  2 8 1 o      349.0382    408.9536 180.87  0.67151
 2 37  3 8 1 o       87.1815    102.2616 180.37  0.67150
17 14  3 8 1 o      252.3399    291.8639 180.98  0.67146
 1 31  5 8 1 o      162.0045    185.8308   0.62  0.67124
 5 39  0 4 1 o      174.3702    199.1664 181.07  0.67123
 0 26  6 4 1 o        0.1965      0.2219 352.16  0.67109
 4 30  5 8 1 o        4.3090      4.8644 180.06  0.67109
 9  1  7 8 1 o       62.3217     69.0280   0.36  0.67089
 6 23  6 8 1 o       27.1701     29.9235   1.16  0.67084
17  4  4 8 1 o      222.1109    241.1382 180.61  0.67054
19  6  2 8 1 o       20.9112     22.5960   1.73  0.67050
11 32  2 8 1 o        0.1918      0.2050   5.56  0.67049
 5 24  6 8 1 o      129.9722    138.1768   0.36  0.67049
14 20  4 8 1 o      199.5978    211.5959   0.49  0.67030
15 26  1 8 1 o        9.1911      9.6756 359.27  0.67027
 9  2  7 8 1 o        0.6632      0.6998 359.30  0.67027
 1 26  6 8 1 o      119.1060    123.6984 180.40  0.67024
16 24  0 4 1 o      383.9311    397.4714   0.48  0.67001
 1 40  1 8 1 o        4.7587      4.8650   0.91  0.66988
 1 39  2 8 1 o       21.5559     21.9757   0.62  0.66987
17 21  0 4 1 o       35.3041     36.2786 358.99  0.66984
 2 18  7 8 1 o        7.9158      7.8764   0.24  0.66965
19 11  1 8 1 o      265.4222    269.9467 180.70  0.66927
 9  3  7 8 1 o       28.0091     28.1542   2.61  0.66924
15  7  5 8 1 o        2.5313      2.5901   3.41  0.66916
 7 22  6 8 1 o       15.2831     15.0739 180.63  0.66909
14 13  5 8 1 o        0.7941      0.8065 183.12  0.66904
18  8  3 8 1 o       46.0039     46.9450 180.71  0.66897
18 14  2 8 1 o      175.4473    177.7267   0.38  0.66892
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11 30  3 8 1 o      86.5144     85.9172 180.76  0.66890
 6 14  7 8 1 o     411.6649    405.8564 180.97  0.66888
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 5 36  3 8 1 o       2.5512      2.5230 180.00  0.66874
 2 31  5 8 1 o      67.8537     66.5327 180.28  0.66871
17  5  4 8 1 o     109.6926    112.4240   0.69  0.66869
15 17  4 8 1 o      75.0168     76.1627 180.29  0.66858
 7 12  7 8 1 o      29.6910     29.5652   0.93  0.66857
12 25  4 8 1 o      54.7810     55.9616   0.77  0.66806
 4 25  6 8 1 o       9.7707      9.8551 180.44  0.66804
19  7  2 8 1 o      47.8989     50.0184   0.74  0.66783
 9  4  7 8 1 o      21.4161     22.1923 180.02  0.66781
11 22  5 8 1 o       6.4156      6.6555 179.58  0.66776
 2 26  6 8 1 o     171.0391    176.2155 180.46  0.66772
14 27  2 8 1 o       8.9818      9.3521   0.27  0.66768
12 10  6 8 1 o     143.2329    150.2962   0.17  0.66765
13 29  2 8 1 o      50.3350     52.8948 180.69  0.66751
11 14  6 8 1 o     100.7953    106.9639 180.83  0.66738
 2 40  1 8 1 o      93.3088     98.8687   0.66  0.66736
 2 39  2 8 1 o       6.6036      6.9980   0.90  0.66735
 9 19  6 8 1 o      38.6402     41.0713   1.54  0.66731
12 32  1 8 1 o      14.4296     15.3496 181.01  0.66730
 3 37  3 8 1 o       3.4916      3.7141   0.41  0.66728
16 22  2 8 1 o      64.7463     69.0821 180.70  0.66727
13 17  5 8 1 o      17.2440     18.4552   0.12  0.66723
 4 34  4 8 1 o     101.4123    108.2225   0.64  0.66723
13  0  6 4 1 o     340.7506    368.0570   0.83  0.66706
16 13  4 8 1 o      78.8080     85.2233   1.25  0.66703
 7 28  5 8 1 o       0.1794      0.1941  14.92  0.66703
13  1  6 8 1 o     247.5835    269.7711 179.86  0.66686
 4 17  7 8 1 o      29.5284     32.6307 180.92  0.66671
 8 31  4 8 1 o      39.7313     43.8214   1.26  0.66670
13 23  4 8 1 o      34.0934     37.5757 180.89  0.66665
10 24  5 8 1 o      77.2429     85.3783 180.89  0.66663
20  0  0 2 1 o    1222.3722   1346.9365   1.08  0.66659
17  6  4 8 1 o     204.7059    226.3862   0.22  0.66645
 7 32  4 8 1 o      31.6949     35.4604   0.04  0.66645
15 22  3 8 1 o      30.2300     33.6272 181.83  0.66644
 6 29  5 8 1 o     832.6959    938.9663 180.48  0.66632
13  2  6 8 1 o       1.5444      1.7223 355.06  0.66625
11 27  4 8 1 o       4.4807      5.0586   0.76  0.66617
15  8  5 8 1 o      17.4648     19.5404   1.21  0.66611
18 17  1 8 1 o      54.8370     61.7265   0.35  0.66608
10 17  6 8 1 o      27.8193     31.4638 179.48  0.66606
 9  5  7 8 1 o       0.5970      0.6760 180.43  0.66599
 5 16  7 8 1 o      14.5922     16.7496 181.51  0.66589
 5 39  1 8 1 o      99.2815    113.3917   0.46  0.66585
20  2  0 4 1 o     843.3939    952.9679   0.46  0.66578
 1 35  4 8 1 o       0.6868      0.7910   3.57  0.66576
 8 27  5 8 1 o    1516.6217   1744.7036   0.63  0.66566
12 20  5 8 1 o      28.2092     32.2009   0.72  0.66560
17 15  3 8 1 o      25.0885     28.5021 180.42  0.66554
18  9  3 8 1 o      38.9453     44.1270 180.22  0.66552
16 19  3 8 1 o       1.9280      2.1968 357.86  0.66550
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 5 38  2 8 1 o     300.8225   346.5215   0.43  0.66544
 8 21  6 8 1 o      27.9648    32.2457   2.00  0.66529
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 8 10  7 8 1 o     411.8973   472.5769   0.84  0.66498
 9 30  4 8 1 o      46.7575    53.7413   1.78  0.66489
19 13  0 4 1 o     124.0699   141.1266 180.92  0.66488
15 27  0 4 1 o      72.7576    83.2850 180.04  0.66485
19  8  2 8 1 o      19.0609    21.5997   0.98  0.66480
 9 36  1 8 1 o       5.4216     6.2073 180.28  0.66474
17 19  2 8 1 o     177.0148   201.0643   0.91  0.66468
16 24  1 8 1 o     218.3193   248.5968   0.65  0.66466
 1 19  7 8 1 o      15.5596    17.8764   0.24  0.66464
19 12  1 8 1 o       6.7010     7.5857 358.92  0.66461
 8 34  3 8 1 o       0.8472     0.9671 180.16  0.66458
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 6 33  4 8 1 o      17.1804    19.3441   2.77  0.66414
 8 37  1 8 1 o      23.0411    25.9041   0.24  0.66414
12 31  2 8 1 o       6.1769     6.9234 181.27  0.66406
 9 33  3 8 1 o      16.7305    18.7064 179.73  0.66398
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13  4  6 8 1 o      25.4985    28.2974 181.07  0.66384
 9  6  7 8 1 o      53.5539    59.3881 180.83  0.66378
14 14  5 8 1 o      77.7245    85.6514   1.12  0.66358
 3 26  6 8 1 o      26.7263    29.4040   0.52  0.66357
 5 30  5 8 1 o      37.3791    41.1244   1.36  0.66357
13 27  3 8 1 o      16.3589    17.9880   1.63  0.66353
 7 13  7 8 1 o       7.4285     8.1640 181.00  0.66352
12 11  6 8 1 o      56.4578    61.9296   0.28  0.66342
20  4  0 4 1 o     450.3849   493.6299   0.31  0.66337
10 35  1 8 1 o      32.6467    35.5948 180.84  0.66330
 2 35  4 8 1 o    1501.9928  1634.6361 180.56  0.66329
 3 40  1 8 1 o      16.8951    18.3768 180.98  0.66322
 3 39  2 8 1 o     265.8373   288.9344   0.71  0.66321
 9 35  2 8 1 o       6.4587     7.0016   1.68  0.66313
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18 15  2 8 1 o      86.5795    94.0733   1.31  0.66307
 6 15  7 8 1 o     283.6240   306.0732   0.11  0.66303
 8 36  2 8 1 o     697.9952   751.7889 180.65  0.66293
 4 40  0 4 1 o      49.6999    53.2756 180.05  0.66273
15  9  5 8 1 o    1419.8898  1533.4279 180.43  0.66270
 9 26  5 8 1 o      16.2212    17.1844 359.42  0.66227
 2 19  7 8 1 o       0.1780     0.1873 357.00  0.66218
14 25  3 8 1 o     222.9249   236.4979 180.37  0.66211
13  5  6 8 1 o      33.1503    35.3965   1.19  0.66204
14 21  4 8 1 o      32.1673    34.1641 180.05  0.66202
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12 29  3 8 1 o      78.2128    82.4188   0.17  0.66172
16 14  4 8 1 o       2.6144     2.7812   2.29  0.66162
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 4 37  3 8 1 o      0.7371      0.7731 358.40  0.66151
 7 38  1 8 1 o      0.4827      0.5075 184.69  0.66150
19  9  2 8 1 o     15.0516     16.0157   0.41  0.66141
 6 24  6 8 1 o     53.0268     55.4838 180.16  0.66135
10 32  3 8 1 o      1.2223      1.2846 181.95  0.66135
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14 29  1 8 1 o     85.4614     90.1277   0.05  0.66108
10 29  4 8 1 o     28.9041     30.4358 180.50  0.66107
17  8  4 8 1 o    186.0622    199.1589 180.51  0.66086
 8 11  7 8 1 o     21.2518     22.4868   1.12  0.66080
 7 37  2 8 1 o     10.0521     10.6318 359.72  0.66070
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13 18  5 8 1 o      3.6169      3.8920   1.01  0.66024
 7 23  6 8 1 o    169.9477    182.2229 181.28  0.66007
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11 34  1 8 1 o    338.6756    366.4875 180.54  0.65985
 5 34  4 8 1 o     40.6904     43.9358 179.93  0.65983
 4 18  7 8 1 o      6.3677      6.8874   0.16  0.65973
 6 36  3 8 1 o     11.6164     12.6279 180.16  0.65967
19 13  1 8 1 o    281.6034    308.4875 180.48  0.65965
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 1 27  6 8 1 o     10.7810     11.7191 180.55  0.65960
20  3  1 8 1 o    125.9563    138.6573   0.53  0.65955
 9 20  6 8 1 o    428.9067    469.2957   0.50  0.65953
20  6  0 4 1 o     12.4252     13.7266   3.44  0.65942
17 16  3 8 1 o    697.1325    770.6203 180.56  0.65938
13 31  1 8 1 o     68.1322     75.0806 180.15  0.65934
 5 17  7 8 1 o     12.9151     14.1924   0.59  0.65933
 3 35  4 8 1 o    391.4503    432.2769   0.81  0.65922
18 18  1 8 1 o      7.7554      8.6379   0.29  0.65913
10 18  6 8 1 o   1717.9683   1912.4000   1.01  0.65910
15 10  5 8 1 o     97.5048    109.4858   0.86  0.65896
 1 41  0 4 1 o     62.4326     69.9184   0.76  0.65893
 1 38  3 8 1 o     95.7328    107.2293 180.00  0.65890
12 12  6 8 1 o    567.0865    637.8615 180.70  0.65888
 4 31  5 8 1 o     24.8589     27.9007   0.15  0.65883
11 23  5 8 1 o     12.5275     14.1230   0.46  0.65879
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 1 32  5 8 1 o     16.1540     18.3458 181.11  0.65859
16 23  2 8 1 o    351.2035    404.3317   0.82  0.65832
 9  8  7 8 1 o    229.0716    264.5998   0.68  0.65825
 7 14  7 8 1 o      0.0032      0.0037 127.68  0.65820
20  4  1 8 1 o     52.0682     60.2708   0.96  0.65818
 3 19  7 8 1 o      4.9405      5.7502 180.04  0.65813
12 26  4 8 1 o     80.6460     94.7664   0.50  0.65790
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 4 26  6 8 1 o     13.3487     15.7542 181.36  0.65789
 1  0  8 4 1 o   1588.1772   1875.5409   0.60  0.65788
14 15  5 8 1 o     52.5239     61.6555   1.45  0.65786
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18 11  3 8 1 o     186.1096     220.4970 181.10  0.65760
 4 40  1 8 1 o      32.9266      39.4028 181.38  0.65755
 4 39  2 8 1 o     103.7709     124.3292 180.56  0.65754
17  9  4 8 1 o       0.4500       0.5341 181.36  0.65753
15 23  3 8 1 o      87.0753     103.9922   0.42  0.65752
11 33  2 8 1 o      39.4802      47.3828   0.67  0.65749
12 21  5 8 1 o     418.2037     500.3310   0.77  0.65749
13 24  4 8 1 o     386.8511     465.8427 180.86  0.65734
13  7  6 8 1 o      19.3972      23.2245   1.70  0.65734
 2 27  6 8 1 o       0.3608       0.4414 359.93  0.65719
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17 20  2 8 1 o      83.2206     101.1849   1.25  0.65699
18 16  2 8 1 o     451.7049     548.3007   0.65  0.65697
 1 20  7 8 1 o      19.6093      24.2076   0.19  0.65696
 6 16  7 8 1 o      13.1863      16.2294 181.79  0.65694
10 25  5 8 1 o     127.3014     156.0154   0.64  0.65693
 6 39  1 8 1 o      35.4313      43.4892   0.28  0.65690
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14 28  2 8 1 o       0.1969       0.2420 358.42  0.65677
11 31  3 8 1 o       8.5823      10.5706   0.69  0.65676
 6 38  2 8 1 o     588.8566     729.8330   0.55  0.65651
 2 38  3 8 1 o       1.0422       1.2941 179.62  0.65650
20  5  1 8 1 o      55.9663      68.5068   0.59  0.65643
 8 12  7 8 1 o     281.3562     348.8375 180.91  0.65631
 2 32  5 8 1 o     123.3246     154.2823   0.79  0.65619
 1  3  8 8 1 o      20.4794      25.6233   0.45  0.65613
17 22  1 8 1 o     144.0145     178.1194   0.56  0.65603
16 15  4 8 1 o     134.9945     166.0799 180.88  0.65595
13 30  2 8 1 o     423.1957     525.4078   0.66  0.65583
 7 29  5 8 1 o      32.8710      40.9701 179.53  0.65576
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 9 37  0 4 1 o      48.7790      60.5657 180.14  0.65557
11 16  6 8 1 o       1.9351       2.3916 183.47  0.65552
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11 28  4 8 1 o       2.4751       3.0656 180.67  0.65533
10  1  7 8 1 o      29.5790      36.4818 180.65  0.65531
 2  1  8 8 1 o     402.0791     500.3939   0.57  0.65529
16 25  1 8 1 o      84.3383     104.0396   0.38  0.65504
 0 40  2 4 1 o      63.1059      78.0152   0.54  0.65500
 9  9  7 8 1 o    2912.1155    3589.5374   0.63  0.65496
15 11  5 8 1 o      10.3504      12.6792   1.96  0.65489
 8 28  5 8 1 o     201.1905     248.5745 180.76  0.65485
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10  2  7 8 1 o      32.0942      39.3994 180.34  0.65473
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 0 41  1 4 1 o      70.5235      86.7580 180.37  0.65463
 8 38  0 4 1 o      93.5588     115.1069 180.99  0.65461
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19 14  1 8 1 o      91.2367     111.4533   0.58  0.65442
15 19  4 8 1 o      25.7325      31.4156   1.38  0.65434
20  6  1 8 1 o     418.4777     509.9251 180.98  0.65431
 8 32  4 8 1 o      14.2687      17.4924 179.53  0.65430
 5 37  3 8 1 o      45.1892      55.3991 180.25  0.65430
 1 40  2 8 1 o      42.5237      52.0090 180.99  0.65421
12 13  6 8 1 o       1.1581       1.4075 181.34  0.65404
20  8  0 4 1 o     320.6523     389.0767   0.29  0.65400
19 15  0 4 1 o     100.1178     121.3824   1.75  0.65391
17 10  4 8 1 o     129.3322     156.5200 179.89  0.65387
 1 41  1 8 1 o     119.7867     145.2841 180.62  0.65384
10  3  7 8 1 o      13.9185      16.8355   0.05  0.65377
 2  3  8 8 1 o      28.6834      34.7860   0.67  0.65376
 7 33  4 8 1 o     159.3987     192.6670   0.50  0.65368
14 22  4 8 1 o       9.9714      12.0307   0.63  0.65365
 4 35  4 8 1 o       0.4595       0.5551  33.61  0.65365
19 11  2 8 1 o      54.8509      66.1470 180.50  0.65364
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 3 27  6 8 1 o      32.9186      39.2242 180.38  0.65323
18 12  3 8 1 o      24.6291      29.4576   1.28  0.65318
13 19  5 8 1 o      12.0577      14.3692   0.18  0.65308
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17 17  3 8 1 o      39.4019      46.9428 180.09  0.65301
 9 31  4 8 1 o      12.3561      14.6329 180.54  0.65297
16  2  5 8 1 o     164.5580     196.2517 180.63  0.65286
13 28  3 8 1 o     277.9467     328.7132   0.99  0.65281
 0 36  4 4 1 o     523.6065     614.4050 180.58  0.65267
 7 15  7 8 1 o      10.8801      12.7884 181.87  0.65262
 4 19  7 8 1 o       0.7891       0.9230   0.81  0.65259
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 3 38  3 8 1 o      77.2014      90.5988 180.94  0.65256
17 23  0 4 1 o     246.3885     290.6147   1.07  0.65246
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 3 32  5 8 1 o     114.5391     133.5408   0.99  0.65225
14 26  3 8 1 o       0.6788       0.7999 178.44  0.65222
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 9 27  5 8 1 o    1656.2158    1947.1749 180.63  0.65199
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 6 25  6 8 1 o      20.1675      23.6630 180.07  0.65187
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 5 31  5 8 1 o       1.5749       1.8557 359.71  0.65171
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 6 34  4 8 1 o     510.4419    620.7725   0.36  0.65112
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