

F&ME CONSULTANTS

GEOTECHNICAL • ENVIRONMENTAL • MATERIALS

August 26, 2011

Mr. Chris Gaskins, P.E., P.G.
SCDOT
955 Park Street
Columbia, South Carolina 29202

Re.: **Addendum** to Geotechnical Baseline Report
SC 41 Replacement Bridge over Wando River
Charleston/Berkeley County, South Carolina
SCDOT File No. 8.158B/10.032102; PIN: 32099
F&ME Project No. G4067.01

Dear Chris:

Submitted herein is our addendum to the Baseline Geotechnical Report for the above referenced bridge project. The following documents lists the raw data generated from the performed cone penetrometer soundings (designated as CPT-1 through CPT-5). The attached CD contains the electronic database used to generate the CPT plots and shear wave velocity plots provided in the Baseline Geotechnical Report, dated August 2, 2011.

It has been a pleasure working with you on this project, and we appreciate the opportunity to be of service. Please notify us if there are any questions or if we may be of further assistance with the implementation of our recommendations.

Sincerely,

F&ME CONSULTANTS



John P. Hamilton, E.I.T.
Staff Engineer

COLUMBIA OFFICE
3112 Devine Street
Columbia, SC 29205
Phone (803) 254-4540
Fax (803) 254-4542

MYRTLE BEACH OFFICE
1903 Legion Street
Myrtle Beach, SC 29577
Phone (843) 626-9253
Fax (843) 448-0681



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103	2.450	8.038	-2.450	-8.038	11.724	0.476	-7.370	4.060	3	4	6	5	3	111.369	0.460	0.396	0.064	2.039	1.635	11.232	18.361	3.256	8.246	28.442	4.226	11.264	-0.025	-0.026	29.183	1.145	30.183	2.733	42.257	0.000	31.437	-0.252	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.836	18.108	28.442
104	2.500	8.202	-2.500	-8.202	10.697	0.490	-5.340	4.981	3	3	6	5	3	111.369	0.469	0.400	0.069	2.203	1.627	10.247	16.668	3.089	7.705	25.566	4.791	10.228	-0.022	-0.023	28.154	1.041	27.154	2.804	46.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.667	16.438	25.566	
105	2.550	8.366	-2.550	-8.366	12.950	0.514	-3.130	3.969	3	4	6	5	3	111.369	0.470	0.400	0.074	2.368	1.618	12.407	20.088	3.054	8.791	30.867	4.121	12.473	-0.013	-0.014	31.291	1.250	32.291	2.700	40.451	0.000	31.864	-0.255	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.008	19.802	30.867
106	2.600	8.530	-2.600	-8.530	12.286	0.479	-0.650	3.899	3	4	6	5	3	111.369	0.467	0.408	0.079	2.532	1.610	11.770	18.955	3.362	8.307	28.912	4.060	11.799	-0.008	-0.008	29.156	1.179	30.156	2.716	41.335	0.000	31.589	-0.240	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.896	18.694	28.912
107	2.650	8.694	-2.650	-8.694	12.593	0.453	2.130	3.597	4	4	6	5	3	114.551	0.497	0.412	0.084	2.696	1.602	8.043	12.885	3.415	8.307	29.345	3.745	12.097	-0.001	-0.001	29.388	1.200	30.388	2.688	39.828	0.000	31.683	-0.222	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.933	19.065	29.345
108	2.700	8.858	-2.700	-8.858	12.913	0.442	3.730	3.423	4	4	6	5	4	114.551	0.506	0.417	0.089	2.860	1.594	8.247	13.147	3.467	8.348	29.789	3.562	12.408	0.002	0.002	29.724	1.226	30.724	2.669	38.820	0.000	31.778	-0.213	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.972	19.449	29.789
109	2.750	9.022	-2.750	-9.022	13.334	0.433	5.370	3.247	4	4	6	5	4	114.551	0.515	0.421	0.094	3.024	1.586	8.516	13.506	3.538	8.438	30.463	3.372	12.818	0.005	0.006	30.289	1.261	31.289	2.646	37.663	0.000	31.906	-0.205	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.026	19.979	30.463
110	2.800	9.186	-2.800	-9.186	14.036	0.462	5.780	3.292	4	4	6	6	4	114.551	0.525	0.425	0.099	3.188	1.578	8.964	14.146	3.705	8.759	31.788	3.419	13.512	0.006	0.006	31.597	1.327	32.597	2.636	37.140	0.000	32.128	-0.213	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.122	20.926	31.788
111	2.850	9.350	-2.850	-9.350	14.249	0.518	6.310	3.635	4	4	6	6	4	114.551	0.534	0.430	0.105	3.352	1.570	9.101	14.289	3.814	8.927	31.946	3.777	13.715	0.006	0.007	31.731	1.346	32.731	2.663	38.533	0.000	32.176	-0.235	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.143	21.138	31.946
112	2.900	9.514	-2.900	-9.514	14.665	0.529	7.260	3.607	4	4	6	6	4	114.551	0.544	0.434	0.110	3.517	1.562	9.366	14.634	3.909	9.061	32.569	3.746	14.122	0.008	0.008	32.299	1.383	33.299	2.655	38.092	0.000	32.289	-0.236	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.195	21.647	32.569
113	2.950	9.678	-2.950	-9.678	14.946	0.538	7.440	3.600	4	4	6	6	4	114.551	0.553	0.438	0.115	3.681	1.555	9.546	14.841	3.976	9.128	32.871	3.738	14.394	0.008	0.008	32.603	1.410	33.603	2.651	37.908	0.000	32.357	-0.237	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.226	21.954	32.871
114	3.000	9.842	-3.000	-9.842	15.341	0.551	8.230	3.592	4	4	6	6	4	114.551	0.562	0.442	0.120	3.845	1.547	9.798	15.160	4.068	9.253	33.426	3.728	14.779	0.009	0.009	33.116	1.445	34.116	2.645	37.598	0.000	32.458	-0.238	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.274	22.425	33.426
115	3.050	10.006	-3.050	-10.006	15.572	0.546	11.520	3.506	4	4	6	6	4	114.551	0.572	0.447	0.125	4.009	1.540	9.945	15.314	4.111	9.260	33.601	3.640	15.000	0.015	0.016	33.075	1.457	34.075	2.636	37.157	0.000	32.506	-0.233	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.297	22.653	33.601
116	3.100	10.170	-3.100	-10.170	14.369	0.511	12.710	3.556	4	4	6	5	4	114.551	0.581	0.451	0.130	4.173	1.532	9.177	14.064	3.863	8.586	30.593	3.706	13.788	0.019	0.019	30.002	1.339	31.002	2.672	38.967	0.000	32.100	-0.223	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.110	20.804	30.593
117	3.150	10.335	-3.150	-10.335	13.867	0.505	13.970	3.642	4	4	6	5	3	114.551	0.591	0.455	0.135	4.337	1.525	8.857	13.508	3.773	8.288	29.181	3.804	13.277	0.022	0.023	28.520	1.287	29.520	2.694	40.162	0.000	31.907	-0.221	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.026	19.983	29.181
118	3.200	10.499	-3.200	-10.499	13.303	0.498	13.240	3.744	4	4	6	5	3	114.551	0.600	0.459	0.140	4.501	1.518	8.496	12.898	3.670	7.965	27.660	3.920	12.703	0.021	0.021	27.066	1.235	28.066	2.721	41.557	0.000	31.686	-0.220	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.935	19.080	27.660
119	3.250	10.663	-3.250	-10.663	13.062	0.511	13.170	3.912	3	4	6	5	3	111.369	0.609	0.464	0.146	4.665	1.511	12.514	18.912	3.647	7.832	26.874	4.103	12.453	0.020	0.021	26.301	1.212	27.301	2.743	42.787	0.000	31.578	-0.227	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.891	18.651	26.874
120	3.300	10.827	-3.300	-10.827	13.177	0.465	18.680	3.529	4	4	6	5	3	114.551	0.618	0.468	0.151	4.830	1.505	8.415	12.662	3.622	7.706	26.861	3.703	12.558	0.033	0.034	25.936	1.206	26.936	2.714	41.185	0.000	31.598	-0.202	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.899	18.731	26.861
121	3.350	10.991	-3.350	-10.991	13.729	0.472	20.630	3.438	4	4	6	5	3	114.551	0.628	0.472	0.156	4.994	1.498	8.768	13.133	3.736	7.888	27.768	3.603	13.101	0.036	0.037	26.733	1.254	27.733	2.695	40.188	0.000	31.773	-0.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.970	19.427	27.768
122	3.400	11.155	-3.400	-11.155	12.851	0.427	19.450	3.323	4	4	6	5	3	114.551	0.637	0.476	0.161	5.158	1.491	8.208	12.238	3.530	7.355	25.656	3.496	12.214	0.035	0.037	24.718	1.173	25.718	2.712	41.116	0.000	31.435	-0.184	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.836	18.104	25.656
123	3.450	11.319	-3.450	-11.319	12.312	0.466	19.520	3.785	4	4	5	5	3	114.551	0.647	0.481	0.166	5.322	1.484	7.863	11.672	3.485	7.175	24.285	3.995	11.665	0.036	0.038	23.362	1.121	24.362	2.768	44.190	0.000	31.209	-0.203	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.751	17.266	24.285
124	3.500	11.483	-3.500	-11.483	11.576	0.452	18.650	3.904	3	3	5	5	3	111.369	0.656	0.485	0.171	5.486	1.478	11.090	16.392	3.340	6.787	22.540	4.139	10.921	0.036	0.038	21.692	1.053	22.692	2.803	46.159	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.540	
125	3.550	11.647	-3.550	-11.647	12.046	0.406	23.440	3.370	4	4	5	5	3	114.551	0.665	0.489	0.176	5.650	1.472	7.694	11.323	3.376	6.814	23.291	3.567	11.381	0.046	0.049	22.155	1.084	23.155	2.750	43.172	0.000	31.064	-0.172	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.698	16.750	23.291
126	3.600	11.811	-3.600	-11.811	13.373	0.390	38.890	2.916	5	4	5	5	4	114.551	0.675	0.493	0.181	5.814	1.465	6.406	9.386	3.601	7.242	25.761	3.071	12.698	0.077	0.081	23.667	1.165	24.667	2.675	39.128	0.000	31.542	-0.157	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.877	18.514	25.761
127	3.650	11.975	-3.650	-11.975	13.412	0.333	27.560	2.483	5	4	5	5	4	114.551	0.684	0.497	0.187	5.979	1.459	6.424	9.373	3.535	7.043	25.600	2.616	12.728	0.050	0.053	24.245	1.202	25.245	2.633	36.993	0.000	31.536	-0.139	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.875	18.488	25.600
128	3.700	12.139	-3.700	-12.139	13.456	0.325	34.650	2.415	5	4	5	5	4	114.551	0.693	0.502	0.192	6.143	1.453	6.446	9.364	3.537	6.984	25.451	2.546	12.763	0.066	0.070	23.677	1.186	24.677	2.628	36.727	0.000	31.531	-0.133	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.873	18.470	25.451
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205	7.550	24.770	-7.550	-24.770	24.190	0.039	467.710	0.161	7	5	4	3	1	117.733	1.420	0.834	0.586	18.781	1.127	7.725	8.706	5.034	5.594	27.324	0.171	22.771	0.579	0.615	10.509	0.919	11.509	2.109	5.000	0.000	33.120	0.154	0.000	0.000	0.000	0.000	0.000	0.000	2.612	25.756	25.756
206	7.600	24.934	-7.600	-24.934	23.031	0.054	466.300	0.234	7	5	3	3	1	117.733	1.429	0.838	0.591	18.946	1.124	7.355	8.266	4.917	5.450	25.782	0.250	21.602	0.606	0.646	9.116	0.812	10.112	2.171	5.000	0.000	32.872	0.137	0.000	0.000	0.000	0.000	0.000	0.000	2.480	24.456	24.456
207	7.650	25.098	-7.650	-25.098	22.443	0.079	440.960	0.352	7	5	3	3	1	117.733	1.439	0.843	0.596	19.110	1.121	7.167	8.033	4.930	5.450	24.933	0.376	21.004	0.587	0.627	9.302	0.831	10.302	2.240	5.000	0.000	32.736	0.105	0.000	0.000	0.000	0.000	0.000	0.000	2.410	23.767	23.767
208	7.700	25.262	-7.700	-25.262	21.784	0.091	423.580	0.418	7	5	3	3	1	117.733	1.449	0.847	0.601	19.274	1.118	6.956	7.777	4.870	5.369	24.011	0.447	20.336	0.579	0.621	9.110	0.820	10.110	2.281	5.000	0.000	32.581	0.094	0.000	0.000	0.000	0.000	0.000	0.000	2.333	23.008	23.008
209	7.750	25.426	-7.750	-25.426	20.990	0.087	419.720	0.414	7	5	3	3	1	117.733	1.458	0.852	0.607	19.438	1.115	6.703	7.473	4.723	5.194	22.939	0.445	19.532	0.595	0.640	8.265	0.756	9.265	2.296	5.000	0.000	32.390	0.103	0.000	0.000	0.000	0.000	0.000	0.000	2.242	22.110	22.110
210	7.800	25.590	-7.800	-25.590	20.665	0.091	409.320	0.440	7	5	3	3	1	117.733	1.468	0.856	0.612	19.602	1.112	6.599	7.338	4.686	5.139	22.426	0.474	19.198	0.589	0.634	8.216	0.756	9.216	2.314	5.000	0.000	32.303	0.099	0.000	0.000	0.000	0.000	0.000	0.000	2.201	21.710	21.710
211	7.850	25.754	-7.850	-25.754	20.673	0.128	408.930	0.619	7	5	3	3	5	117.733	1.478	0.861	0.617	19.766	1.109	6.602	7.321	4.819	5.271	22.306	0.667	19.196	0.588	0.633	8.190	0.758	9.190	2.376	25.443	0.000	32.292	0.076	0.000	0.000	0.000	0.000	0.000	0.000	2.196	21.661	21.661
212	7.900	25.918	-7.900	-25.918	20.429	0.152	397.040	0.744	7	5	3	3	5	117.733	1.487	0.865	0.622	19.930	1.106	6.524	7.216	4.854	5.295	21.895	0.802	18.942	0.576	0.621	8.289	0.770	9.289	2.418	27.150	0.000	32.223	0.062	0.000	0.000	0.000	0.000	0.000	0.000	2.165	21.349	21.349
213	7.950	26.082	-7.950	-26.082	20.491	0.144	395.820	0.703	7	5	3	3	5	117.733	1.497	0.870	0.627	20.094	1.103	6.543	7.219	4.843	5.269	21.842	0.758	18.995	0.572	0.617	8.356	0.779	9.356	2.406	26.674	0.000	32.225	0.066	0.000	0.000	0.000	0.000	0.000	0.000	2.166	21.358	21.358
214	8.000	26.246	-8.000	-26.246	20.649	0.141	395.490	0.683	7	5	3	3	5	117.733	1.507	0.875	0.632	20.259	1.100	6.584	7.256	4.863	5.278	21.898	0.737	19.143	0.567	0.612	8.500	0.796	9.500	2.399	26.361	0.000	32.249	0.066	0.000	0.000	0.000	0.000	0.000	0.000	2.177	21.467	21.467
215	8.050	26.410	-8.050	-26.410	21.958	0.153	388.920	0.697	7	5	4	3	5	117.733	1.516	0.879	0.637	20.423	1.098	7.012	7.696	5.126	5.548	23.264	0.748	20.442	0.524	0.563	10.174	0.941	11.174	2.379	25.571	0.000	32.531	0.048	0.000	0.000	0.000	0.000	0.000	0.000	2.309	22.768	22.768
216	8.100	26.574	-8.100	-26.574	22.640	0.168	405.300	0.742	7	5	4	3	5	117.733	1.526	0.884	0.642	20.587	1.095	7.230	7.914	5.289	5.710	23.906	0.796	21.115	0.530	0.569	10.310	0.957	11.310	2.381	25.634	0.000	32.665	0.043	0.000	0.000	0.000	0.000	0.000	0.000	2.374	23.415	23.415
217	8.150	26.739	-8.150	-26.739	23.487	0.177	395.140	0.754	7	5	4	3	5	117.733	1.536	0.888	0.648	20.751	1.092	7.500	8.189	5.461	5.881	24.726	0.806	21.952	0.498	0.532	11.563	1.068	12.563	2.370	25.223	0.000	32.828	0.031	0.000	0.000	0.000	0.000	0.000	0.000	2.457	24.229	24.229
218	8.200	26.903	-8.200	-26.903	23.609	0.181	400.240	0.767	7	5	4	3	5	117.733	1.545	0.893	0.653	20.915	1.089	7.539	8.211	5.496	5.903	24.726	0.820	22.064	0.502	0.537	11.457	1.065	12.457	2.373	25.324	0.000	32.840	0.031	0.000	0.000	0.000	0.000	0.000	0.000	2.463	24.293	24.293
219	8.250	27.067	-8.250	-27.067	23.708	0.208	395.400	0.877	7	5	4	3	5	117.733	1.555	0.897	0.658	21.079	1.086	7.571	8.225	5.589	5.988	24.702	0.939	22.154	0.493	0.527	11.674	1.089	12.674	2.401	26.449	0.000	32.648	0.020	0.000	0.000	0.000	0.000	0.000	0.000	2.467	24.334	24.334
220	8.300	27.231	-8.300	-27.231	23.503	0.199	380.150	0.847	7	5	4	3	5	117.733	1.565	0.902	0.663	21.243	1.084	7.505	8.133	5.533	5.913	24.339	0.907	21.939	0.477	0.511	11.910	1.115	12.910	2.398	26.321	0.000	32.795	0.021	0.000	0.000	0.000	0.000	0.000	0.000	2.440	24.062	24.062
221	8.350	27.395	-8.350	-27.395	22.834	0.217	377.140	0.950	7	5	4	3	5	117.733	1.574	0.906	0.668	21.408	1.081	7.292	7.882	5.468	5.829	23.468	1.021	21.261	0.486	0.522	11.211	1.060	12.211	2.435	27.867	0.000	32.645	0.018	0.000	0.000	0.000	0.000	0.000	0.000	2.365	23.319	23.319
222	8.400	27.559	-8.400	-27.559	22.145	0.212	370.900	0.957	6	5	4	3	5	114.551	1.584	0.911	0.673	21.572	1.078	8.486	9.151	5.339	5.678	23.568	1.031	20.562	0.492	0.530	10.609	1.012	11.609	2.450	28.486	0.000	32.487	0.023	0.000	0.000	0.000	0.000	0.000	0.000	2.288	22.560	22.560
223	8.450	27.723	-8.450	-27.723	21.084	0.198	377.140	0.939	6	5	4	3	4	114.551	1.593	0.915	0.678	21.736	1.076	8.080	8.692	5.122	5.434	21.312	1.016	19.492	0.526	0.569	9.182	0.892	10.182	2.466	29.179	0.000	32.241	0.038	0.000	0.000	0.000	0.000	0.000	0.000	2.173	21.429	21.429
224	8.500	27.887	-8.500	-27.887	20.677	0.189	393.640	0.914	6	5	3	3	4	114.551	1.603	0.919	0.683	21.900	1.073	7.924	8.504	5.030	5.324	20.759	0.991	19.075	0.561	0.608	8.131	0.804	9.131	2.469	29.304	0.000	32.137	0.051	0.000	0.000	0.000	0.000	0.000	0.000	2.126	20.967	20.967
225	8.550	28.051	-8.550	-28.051	20.347	0.197	377.490	0.968	6	5	3	3	4	114.551	1.612	0.924	0.689	22.064	1.071	7.797	8.349	4.996	5.275	20.295	1.051	18.735	0.545	0.592	8.277	0.820	9.277	2.488	30.170	0.000	32.049	0.045	0.000	0.000	0.000	0.000	0.000	0.000	2.087	20.583	20.583
226	8.600	28.215	-8.600	-28.215	19.786	0.217	364.540	1.097	6	5	3	3	4	114.551	1.621	0.928	0.694	22.228	1.068	7.582	8.100	4.950	5.215	19.586	1.195	18.165	0.540	0.588	8.065	0.805	9.065	2.528	31.944	0.000	31.904	0.040	0.000	0.000	0.000	0.000	0.000	0.000	2.025	19.970	19.970
227	8.650	28.379	-8.650	-28.379	18.650	0.210	358.750	1.114	6	5	3	3	4	114.551	1.631	0.932	0.699	22.392	1.066	7.233	7.699	4.770	5.014	18.482	1.220	17.219	0.557	0.610	7.213	0.733	8.213	2.551	33.034	0.000	31.662	0.049	0.000	0.000	0.000	0.000	0.000	0.000	1.925	18.981	18.981
228	8.700	28.543	-8.700	-28.543	19.051	0.215	375.040	1.129	6	5	3	3	4	114.551	1.640	0.936	0.704	22.557	1.063	7.300	7.763	4.821	5.055	18.603	1.235	17.412	0.578	0.632	6.847	0.704	7.847	2.551	33.017	0.000	31.702	0.054	0.000	0.000	0.000	0.000	0.000	0.000	1.941	19.141	19.141
229	8.750	28.707	-8.750	-28.707	19.546	0.197	358.150	1.008	6	5	3	3	4	114.551	1.650	0.941	0.709	22.721	1.061	7.490	7.947	4.865	5.090	19.034	1.101	17.897	0.536	0.585	7.898	0.802	8.898	2.517	31.447	0.000	31.813	0.047	0.000	0.000	0.000	0.000	0.000	0.000	1.987	19.593	19.593
230	8.800	28.871	-8.800	-28.871	19.624	0.199	356.230	1.014	6	5	3	3	4	114.551	1.659	0.945	0.714	22.885	1.059	7.520	7.960	4.886	5.101	19.021	1.108	17.965	0.530	0.579	8.004	0.815	9.004	2.518	31.480	0.000	31.821	0.045	0.000	0.000	0.000	0.000	0.000	0.000	1.990	19.626	19.626
231	8.850	29.035	-8.850	-29.035	19.493	0.204	354.500	1.047	6	5	3	3	4	114.551	1.668	0.949	0.719	23.049	1.056	7.470	7.890	4.878	5.081	18.787																					

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR		
307	12.650	41.502	-12.650	-41.502	24.558	0.155	486.670	0.631	7	5	4	3	1	117.733	2.390	1.282	1.109	35.524	0.909	7.842	7.128	5.775	5.177	17.305	0.699	22.169	0.573	0.635	6.312	0.897	7.312	2.395	26.227	0.000	32.165	0.096	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.138	21.090	21.090
308	12.700	41.666	-12.700	-41.666	24.833	0.179	490.690	0.721	7	5	4	3	4	117.733	2.400	1.286	1.114	35.688	0.907	7.930	7.195	5.900	5.280	17.450	0.798	22.434	0.572	0.633	6.403	0.912	7.403	2.418	27.148	0.000	32.210	0.087	0.000	0.000	0.000	0.000	0.000	0.000	2.159	21.288	21.288	
309	12.750	41.830	-12.750	-41.830	24.726	0.180	494.260	0.728	7	5	5	3	4	117.733	2.410	1.291	1.119	35.852	0.906	7.896	7.152	5.887	5.258	17.298	0.807	22.317	0.579	0.641	6.207	0.891	7.207	2.422	27.336	0.000	32.180	0.089	0.000	0.000	0.000	0.000	0.000	0.000	2.145	21.159	21.159	
310	12.800	41.994	-12.800	-41.994	24.972	0.180	498.440	0.721	7	5	4	3	4	117.733	2.419	1.295	1.124	36.016	0.904	7.974	7.210	5.931	5.289	17.420	0.798	22.553	0.578	0.640	6.271	0.902	7.271	2.417	27.117	0.000	32.219	0.089	0.000	0.000	0.000	0.000	0.000	0.000	2.163	21.332	21.332	
311	12.850	42.158	-12.850	-42.158	25.736	0.172	491.180	0.668	7	5	4	3	4	117.733	2.429	1.300	1.129	36.180	0.903	8.218	7.418	6.039	5.376	17.940	0.738	23.308	0.552	0.609	7.008	0.997	8.008	2.391	26.028	0.000	32.355	0.083	0.000	0.000	0.000	0.000	0.000	0.000	2.225	21.946	21.946	
312	12.900	42.322	-12.900	-42.322	25.426	0.180	500.810	0.708	7	5	4	3	4	117.733	2.438	1.304	1.134	36.344	0.901	8.120	7.316	6.013	5.343	17.633	0.783	22.989	0.570	0.631	6.512	0.938	7.512	2.408	26.728	0.000	32.289	0.086	0.000	0.000	0.000	0.000	0.000	0.000	2.195	21.644	21.644	
313	12.950	42.486	-12.950	-42.486	25.339	0.204	509.310	0.805	7	5	4	3	4	117.733	2.448	1.309	1.139	36.508	0.899	8.092	7.278	6.071	5.386	17.498	0.891	22.892	0.582	0.645	6.217	0.905	7.217	2.436	27.912	0.000	32.264	0.082	0.000	0.000	0.000	0.000	0.000	0.000	2.183	21.533	21.533	
314	13.000	42.650	-13.000	-42.650	25.800	0.208	501.330	0.806	7	5	4	3	4	117.733	2.458	1.313	1.144	36.672	0.898	8.239	7.398	6.164	5.458	17.780	0.891	23.343	0.562	0.621	6.732	0.972	7.732	2.430	27.651	0.000	32.342	0.075	0.000	0.000	0.000	0.000	0.000	0.000	2.219	21.886	21.886	
315	13.050	42.814	-13.050	-42.814	26.310	0.204	495.020	0.775	7	5	4	3	4	117.733	2.467	1.318	1.150	36.837	0.896	8.402	7.531	6.242	5.518	18.099	0.856	23.844	0.544	0.600	7.243	1.040	8.243	2.415	27.015	0.000	32.427	0.071	0.000	0.000	0.000	0.000	0.000	0.000	2.259	22.281	22.281	
316	13.100	42.978	-13.100	-42.978	26.068	0.194	512.270	0.744	7	5	4	3	4	117.733	2.477	1.322	1.155	37.001	0.895	8.324	7.449	6.173	5.448	17.847	0.822	23.592	0.569	0.629	6.624	0.965	7.624	2.411	26.852	0.000	32.375	0.082	0.000	0.000	0.000	0.000	0.000	0.000	2.235	22.038	22.038	
317	13.150	43.143	-13.150	-43.143	25.996	0.228	502.320	0.877	7	5	4	3	4	117.733	2.487	1.327	1.160	37.165	0.893	8.301	7.415	6.260	5.515	17.724	0.970	23.510	0.559	0.618	6.778	0.988	7.778	2.447	28.370	0.000	32.353	0.069	0.000	0.000	0.000	0.000	0.000	0.000	2.225	21.939	21.939	
318	13.200	43.307	-13.200	-43.307	26.052	0.229	512.870	0.879	7	5	4	3	4	117.733	2.496	1.332	1.165	37.329	0.892	8.319	7.419	6.274	5.518	17.698	0.972	23.556	0.570	0.630	6.546	0.962	7.546	2.447	28.385	0.000	32.356	0.072	0.000	0.000	0.000	0.000	0.000	0.000	2.226	21.949	21.949	
319	13.250	43.471	-13.250	-43.471	26.178	0.250	515.480	0.955	7	5	4	3	4	117.733	2.506	1.336	1.170	37.493	0.890	8.360	7.442	6.354	5.579	17.726	1.056	23.673	0.570	0.630	6.554	0.966	7.554	2.464	29.105	0.000	32.371	0.067	0.000	0.000	0.000	0.000	0.000	0.000	2.233	22.018	22.018	
320	13.300	43.635	-13.300	-43.635	26.294	0.242	518.080	0.920	7	5	4	3	4	117.733	2.516	1.341	1.175	37.657	0.889	8.397	7.462	6.355	5.570	17.745	1.018	23.780	0.570	0.631	6.554	0.970	7.554	2.455	28.712	0.000	32.384	0.069	0.000	0.000	0.000	0.000	0.000	0.000	2.239	22.078	22.078	
321	13.350	43.799	-13.350	-43.799	26.310	0.224	509.330	0.851	7	5	4	3	4	117.733	2.525	1.345	1.180	37.821	0.887	8.402	7.454	6.311	5.522	17.689	0.942	23.785	0.559	0.619	6.743	0.997	7.743	2.439	28.021	0.000	32.378	0.071	0.000	0.000	0.000	0.000	0.000	0.000	2.236	22.054	22.054	
322	13.400	43.963	-13.400	-43.963	26.182	0.231	506.560	0.882	7	5	4	3	4	117.733	2.535	1.350	1.185	37.986	0.886	8.361	7.406	6.311	5.513	17.528	0.977	23.648	0.559	0.619	6.687	0.994	7.687	2.449	28.457	0.000	32.347	0.070	0.000	0.000	0.000	0.000	0.000	0.000	2.222	21.910	21.910	
323	13.450	44.127	-13.450	-44.127	26.355	0.241	508.630	0.914	7	5	4	3	4	117.733	2.545	1.354	1.191	38.150	0.884	8.416	7.442	6.370	5.555	17.590	1.012	23.812	0.557	0.617	6.741	1.004	7.741	2.455	28.705	0.000	32.371	0.067	0.000	0.000	0.000	0.000	0.000	0.000	2.233	22.018	22.018	
324	13.500	44.291	-13.500	-44.291	26.449	0.220	510.880	0.832	7	5	4	3	4	117.733	2.554	1.359	1.196	38.314	0.883	8.446	7.456	6.330	5.511	17.594	0.921	23.896	0.558	0.617	6.733	1.006	7.733	2.434	27.814	0.000	32.380	0.073	0.000	0.000	0.000	0.000	0.000	0.000	2.237	22.059	22.059	
325	13.550	44.455	-13.550	-44.455	26.477	0.208	521.720	0.786	7	5	4	3	4	117.733	2.564	1.363	1.201	38.478	0.881	8.455	7.451	6.303	5.478	17.548	0.870	23.914	0.570	0.631	6.479	0.976	7.479	2.422	27.325	0.000	32.377	0.080	0.000	0.000	0.000	0.000	0.000	0.000	2.235	22.046	22.046	
326	13.600	44.619	-13.600	-44.619	26.583	0.198	517.830	0.745	7	5	4	3	4	117.733	2.574	1.368	1.206	38.642	0.880	8.489	7.469	6.294	5.461	17.560	0.825	24.010	0.563	0.623	6.621	0.998	7.621	2.410	26.833	0.000	32.388	0.082	0.000	0.000	0.000	0.000	0.000	0.000	2.241	22.097	22.097	
327	13.650	44.783	-13.650	-44.783	26.590	0.237	520.540	0.891	7	5	4	3	4	117.733	2.583	1.372	1.211	38.806	0.878	8.491	7.458	6.408	5.551	17.500	0.987	24.007	0.566	0.626	6.539	0.991	7.539	2.449	28.440	0.000	32.381	0.071	0.000	0.000	0.000	0.000	0.000	0.000	2.238	22.066	22.066	
328	13.700	44.947	-13.700	-44.947	27.325	0.248	513.320	0.908	7	5	4	3	4	117.733	2.593	1.377	1.216	38.970	0.877	8.726	7.652	6.566	5.678	17.970	1.003	24.733	0.542	0.599	7.212	1.083	8.212	2.442	28.173	0.000	32.503	0.061	0.000	0.000	0.000	0.000	0.000	0.000	2.296	22.639	22.639	
329	13.750	45.111	-13.750	-45.111	27.669	0.214	507.620	0.773	7	5	4	3	4	117.733	2.603	1.381	1.221	39.135	0.876	8.836	7.762	6.532	5.640	18.153	0.854	25.067	0.529	0.583	7.563	1.133	8.563	2.404	26.576	0.000	32.555	0.067	0.000	0.000	0.000	0.000	0.000	0.000	2.321	22.886	22.886	
330	13.800	45.275	-13.800	-45.275	27.530	0.211	504.600	0.766	7	5	4	3	4	117.733	2.612	1.386	1.226	39.299	0.874	8.791	7.684	6.502	5.605	17.986	0.847	24.919	0.528	0.583	7.503	1.128	8.503	2.405	26.611	0.000	32.523	0.068	0.000	0.000	0.000	0.000	0.000	0.000	2.305	22.734	22.734	
331	13.850	45.439	-13.850	-45.439	27.267	0.225	505.730	0.825	7	5	4	3	4	117.733	2.622	1.391	1.231	39.463	0.873	8.707	7.598	6.499	5.593	17.932	0.913	24.646	0.534	0.591	7.260	1.100	8.260	2.425	27.439	0.000	32.470	0.066	0.000	0.000	0.000	0.000	0.000	0.000	2.280	22.480	22.480	
332	13.900	45.603	-13.900	-45.603	26.821	0.211	523.980	0.787	7	5	4	3	4	117.733	2.632	1.395	1.237	39.627	0.871	8.565	7.462	6.385	5.486	17.347	0.872	24.190	0.564	0.625	6.505	1.003	7.505	2.422	27.327	0.000	32.383	0.080	0.000	0.000	0.000	0.000	0.000	0.000	2.239	22.077	22.077	
333	13.950	45.767	-13.950	-45.767	26.399	0.203	522.040	0.769	7	5	4	3	4	117.733	2.641	1.400	1.242	39.791	0.870																											

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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103	2.450	8.038	-2.450	-8.038	20.013	0.773	3.760	3.862	4	4	7	6	4	114.551	0.465	0.370	0.095	3.040	1.692	12.782	21.621	5.390	9.036	52.845	3.954	19.549	0.001	0.001	52.784	1.906	53.784	2.675	39.130	34.800	34.154	-0.323	3.644	72.956	0.000	0.000	0.000	0.000	0.000	3.243	31.984	32.144
104	2.500	8.202	-2.500	-8.202	18.853	0.703	3.680	3.729	4	4	6	6	4	114.551	0.474	0.374	0.100	3.204	1.682	12.041	20.251	5.102	8.554	49.115	3.825	18.379	0.001	0.001	49.075	1.795	50.075	2.684	39.620	32.923	33.841	-0.302	0.000	0.000	0.000	0.000	0.000	3.038	29.857	30.280		
105	2.550	8.366	-2.550	-8.366	18.252	0.663	3.520	3.632	4	4	6	6	4	114.551	0.484	0.379	0.105	3.368	1.672	11.657	19.494	4.948	8.295	46.947	3.731	17.768	0.000	0.000	46.935	1.738	47.935	2.687	39.791	31.832	33.660	-0.289	0.000	0.000	0.000	0.000	0.000	2.924	28.937	29.315		
106	2.600	8.530	-2.600	-8.530	16.700	0.664	3.170	3.976	4	4	6	6	3	114.551	0.493	0.383	0.110	3.532	1.663	10.666	17.736	4.663	7.818	42.343	4.097	16.207	-0.001	-0.001	42.373	1.590	43.373	2.743	42.797	0.000	33.208	-0.301	0.000	0.000	0.000	0.000	0.000	2.660	26.237	26.822		
107	2.650	8.694	-2.650	-8.694	16.032	0.648	3.530	4.042	4	4	6	6	3	114.551	0.503	0.387	0.115	3.696	1.654	10.239	16.933	4.201	10.974	40.126	4.173	15.530	-0.000	-0.000	40.139	1.525	41.139	2.621	36.407	0.000	32.987	-0.298	0.000	0.000	0.000	0.000	2.540	25.049	40.126			
108	2.700	8.858	-2.700	-8.858	15.332	0.579	3.550	3.776	4	4	6	6	4	114.551	0.512	0.391	0.120	3.861	1.645	9.792	16.105	4.013	10.349	37.875	3.907	14.820	-0.001	-0.001	37.900	1.458	38.900	2.619	36.310	0.000	32.747	-0.270	0.000	0.000	0.000	0.000	2.416	23.824	37.875			
109	2.750	9.022	-2.750	-9.022	14.336	0.520	4.130	3.627	4	4	6	6	4	114.551	0.521	0.396	0.126	4.025	1.636	9.156	14.977	3.780	9.613	34.923	3.764	13.815	0.000	0.000	34.915	1.361	35.915	2.634	37.035	0.000	32.400	-0.248	0.000	0.000	0.000	0.000	2.247	22.155	34.923			
110	2.800	9.186	-2.800	-9.186	13.944	0.490	3.910	3.514	4	4	6	6	4	114.551	0.531	0.400	0.131	4.189	1.627	8.906	14.490	3.684	9.253	33.547	3.653	13.414	-0.001	-0.001	33.569	1.324	34.569	2.638	37.236	0.000	32.242	-0.236	0.000	0.000	0.000	0.000	2.173	21.435	33.547			
111	2.850	9.350	-2.850	-9.350	14.295	0.485	3.940	3.393	4	4	6	6	4	114.551	0.540	0.404	0.136	4.353	1.618	9.129	14.775	3.748	9.316	34.036	3.526	13.755	-0.001	-0.001	34.068	1.358	35.068	2.623	36.484	0.000	32.335	-0.230	0.000	0.000	0.000	0.000	2.216	21.856	34.036			
112	2.900	9.514	-2.900	-9.514	14.206	0.455	4.190	3.203	4	4	6	6	4	114.551	0.550	0.409	0.141	4.517	1.610	9.073	14.606	3.705	9.103	33.440	3.332	13.657	-0.001	-0.001	33.465	1.348	34.465	2.612	35.948	0.000	32.281	-0.216	0.000	0.000	0.000	0.000	2.191	21.607	33.440			
113	2.950	9.678	-2.950	-9.678	13.650	0.414	3.240	3.033	5	4	6	6	4	114.551	0.559	0.413	0.146	4.681	1.602	6.538	10.472	3.564	8.645	31.724	3.162	13.092	-0.003	-0.003	31.833	1.298	32.833	2.614	36.053	0.000	32.065	-0.200	0.000	0.000	0.000	0.000	2.094	20.654	31.724			
114	3.000	9.842	-3.000	-9.842	12.905	0.372	4.040	2.883	5	4	6	5	4	114.551	0.568	0.417	0.151	4.845	1.593	6.182	9.849	3.385	8.102	29.589	3.015	12.337	-0.002	-0.002	29.649	1.224	30.649	2.624	36.520	0.000	31.772	-0.183	0.000	0.000	0.000	0.000	1.970	19.426	29.589			
115	3.050	10.006	-3.050	-10.006	14.693	0.300	11.710	2.042	5	5	6	6	4	114.551	0.578	0.421	0.156	5.010	1.585	7.038	11.157	3.821	6.405	33.511	2.125	14.116	0.014	0.015	33.014	1.373	34.014	2.606	35.662	0.000	32.368	-0.151	0.000	0.000	0.000	0.000	2.231	22.005	23.599			
116	3.100	10.170	-3.100	-10.170	15.731	0.331	12.940	2.104	5	5	6	6	4	114.551	0.587	0.426	0.161	5.174	1.577	7.535	11.884	4.057	6.802	35.591	2.186	15.144	0.015	0.016	35.021	1.468	36.021	2.590	34.859	0.000	32.670	-0.161	0.000	0.000	0.000	0.000	2.377	23.440	25.265			
117	3.150	10.335	-3.150	-10.335	20.080	0.327	11.140	1.629	6	5	6	6	5	114.551	0.597	0.430	0.167	5.338	1.569	7.694	12.075	4.874	7.544	45.334	1.678	19.483	0.009	0.009	44.913	1.890	45.913	2.464	29.110	32.745	33.812	-0.159	0.000	0.000	0.000	0.000	3.019	29.771	29.771			
118	3.200	10.499	-3.200	-10.499	21.133	0.291	8.410	1.377	6	5	7	6	5	114.551	0.606	0.434	0.172	5.502	1.562	8.098	12.646	4.992	7.689	47.292	1.418	20.527	0.004	0.004	47.083	1.999	48.083	2.405	26.635	34.069	34.032	-0.147	3.684	77.879	0.000	0.000	0.000	3.161	31.178	31.178		
119	3.250	10.663	-3.250	-10.663	17.037	0.488	7.540	2.864	5	4	6	6	4	114.551	0.615	0.438	0.177	5.666	1.554	8.161	12.682	4.519	7.577	37.466	2.972	16.422	0.003	0.004	37.332	1.610	38.332	2.645	37.622	0.000	32.980	-0.210	0.000	0.000	0.000	0.000	2.536	25.013	27.363			
120	3.300	10.827	-3.300	-10.827	14.104	0.384	16.680	2.723	5	4	6	6	4	114.551	0.625	0.443	0.182	5.830	1.546	6.756	10.448	3.844	6.444	30.456	2.849	13.480	0.024	0.025	29.691	1.301	30.691	2.698	40.328	0.000	32.054	-0.175	0.000	0.000	0.000	0.000	2.090	20.607	22.653			
121	3.350	10.991	-3.350	-10.991	17.646	0.329	-7.080	1.864	6	5	6	6	5	114.551	0.634	0.447	0.187	5.994	1.539	6.762	10.407	4.468	6.782	38.069	1.934	17.012	-0.023	-0.024	38.982	1.712	39.982	2.553	33.094	0.000	33.101	-0.159	0.000	0.000	0.000	0.000	2.602	25.658	25.658			
122	3.400	11.155	-3.400	-11.155	14.392	0.273	6.720	1.897	5	5	6	6	5	114.551	0.644	0.451	0.192	6.158	1.532	6.894	10.559	3.723	6.242	30.475	1.986	13.749	0.001	0.001	30.436	1.359	31.436	2.596	35.167	0.000	32.105	-0.135	0.000	0.000	0.000	0.000	2.112	20.827	23.115			
123	3.450	11.319	-3.450	-11.319	12.875	0.251	10.440	1.949	5	4	6	5	4	114.551	0.653	0.456	0.197	6.323	1.525	6.167	9.402	3.412	5.721	26.838	2.054	12.223	0.010	0.011	26.556	1.202	27.556	2.644	37.543	0.000	31.550	-0.123	0.000	0.000	0.000	0.000	1.880	18.544	20.679			
124	3.500	11.483	-3.500	-11.483	12.693	0.233	14.900	1.836	5	4	6	5	4	114.551	0.662	0.460	0.202	6.487	1.517	6.080	9.226	3.348	5.613	26.172	1.937	12.031	0.021	0.022	25.600	1.171	26.600	2.634	37.058	0.000	31.460	-0.114	0.000	0.000	0.000	0.000	1.845	18.197	20.386			
125	3.550	11.647	-3.550	-11.647	11.446	0.391	13.820	3.416	4	4	6	5	3	114.551	0.672	0.464	0.208	6.651	1.510	7.310	11.042	3.218	6.815	23.223	3.629	10.775	0.020	0.020	22.741	1.055	23.741	2.756	43.492	0.000	30.944	-0.179	0.000	0.000	0.000	0.000	1.656	16.334	23.223			
126	3.600	11.811	-3.600	-11.811	10.119	0.284	12.660	2.807	4	4	5	5	4	114.551	0.681	0.468	0.213	6.815	1.503	6.463	9.717	2.839	5.903	20.157	3.009	9.438	0.018	0.019	19.767	0.932	20.767	2.752	43.287	0.000	30.333	-0.132	0.000	0.000	0.000	0.000	1.457	14.374	20.157			
127	3.650	11.975	-3.650	-11.975	13.485	0.251	-5.570	1.861	5	4	6	5	4	114.551	0.691	0.473	0.218	6.979	1.497	6.459	9.668	3.524	5.908	27.079	1.962	12.795	-0.029	-0.031	27.907	1.309	28.907	2.616	36.145	0.000	31.683	-0.124	0.000	0.000	0.000	0.000	1.934	19.068	21.659			
128	3.700	12.139	-3.700	-12.139	11.608	0.209	1.360	1.800	5	4	6	5	4	114.551	0.700	0.477	0.223	7.143	1.490	5.560	8.285	3.108	5.211	22.880	1.916	10.909	-0.016	-0.017	23.258	1.108	24.258	2.664	38.548	0.000	30.946	-0.102	0.000	0.000	0.000	0.000	1.657	16.341	18.645			
129	3.750	12.303	-3.750	-12.303	10.133	0.207	-9.210	2.043	5	4	5	5	4	114.551	0.709	0.481	0.228	7.307	1.483	4.853	7.199	2.736	5.522	19.589	2.197	9.423	-0.051	-0.055	20.660	0.998	21.660	2.680	39.403	0.000	30.275	-0.102	0.000	0.000	0.000	0.000	1.440	14.200	19.589			
130	3.800	12.467	-3.800	-12.467	9.870	0.183	-4.810	1.854	5	4	5	5	4	114.551	0.719	0.486	0.233	7.472	1.477	4.728	6.982	2.651	5.288	18.856	2.000	9.152	-0.039	-0.042																		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR		
205	7.550	24.770	-7.550	-24.770	23.426	0.078	454.210	0.333	7	5	4	3	1	117.733	1.438	0.821	0.617	19.782	1.136	7.481	8.497	5.078	5.688	26.801	0.355	21.988	0.579	0.617	10.272	0.886	11.272	2.208	5.000	0.000	33.004	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.549	25.138	25.138
206	7.600	24.934	-7.600	-24.934	22.440	0.084	442.070	0.374	7	5	3	3	1	117.733	1.448	0.825	0.622	19.946	1.133	7.166	8.117	4.941	5.520	25.447	0.400	20.993	0.587	0.628	9.475	0.828	10.475	2.245	5.000	0.000	32.785	0.099	0.000	0.000	0.000	0.000	0.000	0.000	2.435	24.014	24.014	
207	7.650	25.098	-7.650	-25.098	21.810	0.093	421.370	0.426	7	5	3	3	1	117.733	1.457	0.830	0.628	20.110	1.130	6.965	7.868	4.873	5.429	24.538	0.457	20.354	0.574	0.615	9.438	0.829	10.438	2.280	5.000	0.000	32.636	0.089	0.000	0.000	0.000	0.000	0.000	0.000	2.360	23.277	23.277	
208	7.700	25.262	-7.700	-25.262	21.167	0.092	404.800	0.435	7	5	3	3	1	117.733	1.467	0.834	0.633	20.274	1.127	6.759	7.615	4.764	5.293	23.621	0.467	19.701	0.567	0.609	9.230	0.817	10.230	2.296	5.000	0.000	32.480	0.090	0.000	0.000	0.000	0.000	0.000	0.000	2.284	22.529	22.529	
209	7.750	25.426	-7.750	-25.426	20.656	0.104	395.050	0.503	7	5	3	3	1	117.733	1.477	0.839	0.638	20.439	1.123	6.596	7.411	4.724	5.234	22.873	0.542	19.180	0.566	0.610	8.928	0.798	9.928	2.333	23.767	0.000	32.350	0.082	0.000	0.000	0.000	0.000	0.000	0.000	2.223	21.925	21.925	
210	7.800	25.590	-7.800	-25.590	19.783	0.107	381.690	0.541	7	5	3	3	5	117.733	1.486	0.843	0.643	20.603	1.120	6.317	7.078	4.589	5.070	21.702	0.585	18.297	0.570	0.616	8.333	0.754	9.333	2.365	25.000	0.000	32.131	0.083	0.000	0.000	0.000	0.000	0.000	0.000	2.124	20.942	20.942	
211	7.850	25.754	-7.850	-25.754	19.184	0.111	370.670	0.579	7	5	3	3	5	117.733	1.496	0.848	0.648	20.767	1.117	6.126	6.846	4.502	4.962	20.868	0.628	17.689	0.569	0.617	7.983	0.729	8.983	2.391	26.041	0.000	31.972	0.082	0.000	0.000	0.000	0.000	0.000	0.000	2.054	20.254	20.254	
212	7.900	25.918	-7.900	-25.918	19.210	0.127	374.880	0.661	6	5	3	3	5	114.551	1.506	0.852	0.653	20.931	1.115	7.361	8.205	4.562	5.014	20.780	0.717	17.705	0.575	0.624	7.813	0.719	8.813	2.417	27.095	0.000	31.966	0.075	0.000	0.000	0.000	0.000	0.000	0.000	2.051	20.229	20.229	
213	7.950	26.082	-7.950	-26.082	18.919	0.130	355.410	0.687	6	5	3	3	5	114.551	1.515	0.857	0.658	21.095	1.112	7.250	8.060	4.523	4.959	20.325	0.747	17.404	0.552	0.600	8.138	0.750	9.138	2.431	27.711	0.000	31.881	0.069	0.000	0.000	0.000	0.000	0.000	0.000	2.015	19.872	19.872	
214	8.000	26.246	-8.000	-26.246	18.423	0.150	351.250	0.814	6	5	3	3	4	114.551	1.524	0.861	0.663	21.259	1.109	7.060	7.829	4.499	4.921	19.637	0.888	16.899	0.559	0.610	7.667	0.715	8.667	2.477	29.672	0.000	31.742	0.063	0.000	0.000	0.000	0.000	0.000	0.000	1.957	19.303	19.303	
215	8.050	26.410	-8.050	-26.410	19.427	0.160	318.350	0.824	6	5	4	3	5	114.551	1.534	0.865	0.669	21.423	1.106	7.445	8.236	4.705	5.133	20.691	0.894	17.894	0.477	0.518	9.974	0.909	10.974	2.459	28.897	0.000	31.984	0.038	0.000	0.000	0.000	0.000	0.000	0.000	2.059	20.305	20.305	
216	8.100	26.574	-8.100	-26.574	19.628	0.174	358.540	0.886	6	5	3	3	4	114.551	1.543	0.869	0.674	21.587	1.104	7.522	8.300	4.781	5.204	20.809	0.962	18.086	0.536	0.582	8.707	0.808	9.707	2.472	29.431	0.000	32.021	0.046	0.000	0.000	0.000	0.000	0.000	0.000	2.075	20.465	20.465	
217	8.150	26.739	-8.150	-26.739	20.716	0.158	370.970	0.763	7	5	4	3	5	117.733	1.553	0.874	0.679	21.752	1.101	6.615	7.282	4.927	5.348	21.938	0.824	19.164	0.526	0.569	9.459	0.875	10.459	2.420	27.233	0.000	32.267	0.048	0.000	0.000	0.000	0.000	0.000	0.000	2.185	21.544	21.544	
218	8.200	26.903	-8.200	-26.903	21.522	0.157	381.620	0.729	7	5	4	3	5	117.733	1.562	0.878	0.684	21.916	1.098	6.873	7.546	5.064	5.484	22.732	0.787	19.961	0.522	0.563	9.945	0.921	10.945	2.397	26.278	0.000	32.437	0.047	0.000	0.000	0.000	0.000	0.000	0.000	2.264	22.325	22.325	
219	8.250	27.067	-8.250	-27.067	21.611	0.164	382.960	0.759	7	5	4	3	5	117.733	1.572	0.883	0.689	22.080	1.095	6.901	7.557	5.103	5.511	22.705	0.818	20.039	0.521	0.562	9.942	0.925	10.942	2.404	26.584	0.000	32.444	0.044	0.000	0.000	0.000	0.000	0.000	0.000	2.267	22.359	22.359	
220	8.300	27.231	-8.300	-27.231	22.835	0.192	357.950	0.841	7	5	4	3	5	117.733	1.582	0.888	0.694	22.244	1.092	7.292	7.965	5.393	5.809	23.957	0.903	21.254	0.459	0.493	12.145	1.117	13.145	2.405	26.608	0.000	32.695	0.019	0.000	0.000	0.000	0.000	0.000	0.000	2.389	23.565	23.565	
221	8.350	27.395	-8.350	-27.395	21.547	0.188	343.970	0.872	6	5	4	3	5	114.551	1.591	0.892	0.699	22.408	1.090	8.257	8.997	5.164	5.549	22.385	0.942	19.957	0.466	0.503	11.126	1.036	12.126	2.437	27.931	0.000	32.406	0.024	0.000	0.000	0.000	0.000	0.000	0.000	2.249	22.181	22.181	
222	8.400	27.559	-8.400	-27.559	21.494	0.203	369.060	0.944	6	5	4	3	5	114.551	1.601	0.896	0.704	22.572	1.087	8.236	8.953	5.197	5.571	22.208	1.020	19.894	0.503	0.544	10.134	1.056	11.134	2.456	28.741	0.000	32.383	0.028	0.000	0.000	0.000	0.000	0.000	0.000	2.238	22.073	22.073	
223	8.450	27.723	-8.450	-27.723	21.215	0.184	350.060	0.867	6	5	4	3	5	114.551	1.610	0.900	0.710	22.736	1.084	8.130	8.816	5.100	5.455	21.792	0.938	19.606	0.482	0.521	10.431	0.986	11.431	2.444	28.223	0.000	32.309	0.031	0.000	0.000	0.000	0.000	0.000	0.000	2.204	21.736	21.736	
224	8.500	27.887	-8.500	-27.887	21.085	0.185	350.030	0.877	6	5	4	3	5	114.551	1.619	0.905	0.715	22.901	1.082	8.080	8.741	5.083	5.423	21.525	0.950	19.466	0.484	0.525	10.234	0.973	11.234	2.449	28.474	0.000	32.268	0.032	0.000	0.000	0.000	0.000	0.000	0.000	2.185	21.551	21.551	
225	8.550	28.051	-8.550	-28.051	21.148	0.188	342.520	0.889	6	5	4	3	5	114.551	1.629	0.909	0.720	23.065	1.079	8.104	8.747	5.104	5.433	21.483	0.963	19.520	0.472	0.511	10.508	1.002	11.508	2.452	28.585	0.000	32.271	0.028	0.000	0.000	0.000	0.000	0.000	0.000	2.187	21.565	21.565	
226	8.600	28.215	-8.600	-28.215	20.291	0.191	349.360	0.941	6	5	4	3	4	114.551	1.638	0.913	0.725	23.229	1.077	7.775	8.372	4.966	5.273	20.433	1.024	18.653	0.502	0.546	9.282	0.899	10.282	2.482	29.870	0.000	32.062	0.036	0.000	0.000	0.000	0.000	0.000	0.000	2.093	20.642	20.642	
227	8.650	28.379	-8.650	-28.379	19.941	0.192	333.350	0.963	6	5	4	3	4	114.551	1.648	0.918	0.730	23.393	1.074	7.641	8.209	4.910	5.202	19.946	1.050	18.294	0.485	0.529	9.397	0.914	10.397	2.494	30.434	0.000	31.968	0.033	0.000	0.000	0.000	0.000	0.000	0.000	2.052	20.239	20.239	
228	8.700	28.543	-8.700	-28.543	19.222	0.203	330.340	1.056	6	5	4	3	4	114.551	1.657	0.922	0.735	23.557	1.072	7.366	7.895	4.815	5.089	19.063	1.156	17.566	0.498	0.545	8.671	0.854	9.671	2.530	32.047	0.000	31.782	0.035	0.000	0.000	0.000	0.000	0.000	0.000	1.974	19.464	19.464	
229	8.750	28.707	-8.750	-28.707	19.367	0.200	332.740	1.033	6	5	4	3	4	114.551	1.666	0.926	0.740	23.721	1.069	7.422	7.936	4.835	5.098	19.121	1.130	17.702	0.498	0.545	8.702	0.860	9.702	2.523	31.730	0.000	31.806	0.036	0.000	0.000	0.000	0.000	0.000	0.000	1.984	19.565	19.565	
230	8.800	28.871	-8.800	-28.871	19.398	0.203	329.630	1.047	6	5	4	3	4	114.551	1.676	0.930	0.745	23.885	1.067	7.433	7.930	4.850	5.103	19.056	1.145	17.723	0.492	0.539	8.794	0.873	9.794	2.526	31.880	0.000	31.803	0.034	0.000	0.000	0.000	0.000	0.000	0.000	1.982	19.551	19.551	
231	8.850	29.035	-8.850	-29.035	18.688	0.195	340.860	1.043	6	5	3	3	4	114.551	1.685	0.935	0.750	24.050	1.064	7.161	7.622	4.707	4.9																							

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR		
307	12.650	41.502	-12.650	-41.502	23.544	0.125	466.730	0.531	7	5	3	3	1	117.733	2.408	1.268	1.140	36.524	0.914	7.518	6.870	5.495	4.952	16.674	0.591	21.137	0.570	0.635	6.080	0.860	7.080	2.379	25.548	0.000	31.988	0.111	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.061	20.325	20.325
308	12.700	41.666	-12.700	-41.666	23.734	0.141	471.630	0.594	7	5	3	3	1	117.733	2.418	1.273	1.145	36.688	0.912	7.579	6.913	5.585	5.024	16.757	0.661	21.318	0.572	0.637	6.085	0.863	7.085	2.397	26.283	0.000	32.018	0.103	0.000	0.000	0.000	0.000	0.000	0.000	2.074	20.453	20.453	
309	12.750	41.830	-12.750	-41.830	23.964	0.155	453.930	0.647	7	5	4	3	4	117.733	2.427	1.277	1.150	36.852	0.911	7.652	6.968	5.673	5.094	16.870	0.720	21.537	0.543	0.604	6.672	0.938	7.672	2.410	26.818	0.000	32.056	0.090	0.000	0.000	0.000	0.000	0.000	0.000	2.090	20.613	20.613	
310	12.800	41.994	-12.800	-41.994	24.235	0.167	457.370	0.689	7	5	4	3	4	117.733	2.437	1.282	1.155	37.017	0.909	7.739	7.034	5.760	5.163	17.014	0.766	21.799	0.541	0.602	6.773	0.954	7.773	2.419	27.173	0.000	32.101	0.084	0.000	0.000	0.000	0.000	0.000	0.000	2.110	20.811	20.811	
311	12.850	42.158	-12.850	-42.158	24.555	0.179	454.200	0.729	7	5	4	3	4	117.733	2.447	1.286	1.160	37.181	0.907	7.841	7.115	5.854	5.238	17.196	0.810	21.990	0.530	0.589	7.072	0.994	8.072	2.425	27.451	0.000	32.156	0.077	0.000	0.000	0.000	0.000	0.000	0.000	2.134	21.049	21.049	
312	12.900	42.322	-12.900	-42.322	24.837	0.183	457.630	0.737	7	5	4	3	4	117.733	2.456	1.291	1.165	37.345	0.906	7.931	7.183	5.916	5.284	17.346	0.818	22.382	0.528	0.586	7.178	1.011	8.178	2.424	27.380	0.000	32.202	0.075	0.000	0.000	0.000	0.000	0.000	0.000	2.155	21.253	21.253	
313	12.950	42.486	-12.950	-42.486	24.712	0.182	468.050	0.736	7	5	4	3	4	117.733	2.466	1.295	1.171	37.509	0.904	7.891	7.135	5.894	5.255	17.181	0.818	22.247	0.544	0.604	6.802	0.968	7.802	2.426	27.494	0.000	32.169	0.080	0.000	0.000	0.000	0.000	0.000	0.000	2.140	21.109	21.109	
314	13.000	42.650	-13.000	-42.650	24.813	0.199	469.850	0.802	7	5	4	3	4	117.733	2.476	1.300	1.176	37.673	0.903	7.924	7.151	5.964	5.308	17.192	0.891	22.339	0.544	0.604	6.809	0.972	7.809	2.443	28.193	0.000	32.180	0.074	0.000	0.000	0.000	0.000	0.000	0.000	2.145	21.158	21.158	
315	13.050	42.814	-13.050	-42.814	26.229	0.201	443.570	0.766	7	5	4	3	5	117.733	2.485	1.304	1.181	37.837	0.901	8.376	7.546	6.214	5.522	18.210	0.846	23.745	0.483	0.533	8.497	1.186	9.497	2.412	26.892	0.000	32.437	0.057	0.000	0.000	0.000	0.000	0.000	0.000	2.164	22.327	22.327	
316	13.100	42.978	-13.100	-42.978	25.488	0.202	473.780	0.793	7	5	4	3	4	117.733	2.495	1.309	1.186	38.001	0.899	8.139	7.320	6.092	5.404	17.573	0.878	22.994	0.534	0.592	7.177	1.025	8.177	2.431	27.695	0.000	32.292	0.070	0.000	0.000	0.000	0.000	0.000	0.000	2.196	21.658	21.658	
317	13.150	43.143	-13.150	-43.143	25.587	0.183	476.920	0.715	7	5	4	3	4	117.733	2.505	1.314	1.191	38.165	0.898	8.171	7.336	6.055	5.361	17.581	0.793	23.084	0.535	0.593	7.150	1.025	8.150	2.409	26.786	0.000	32.302	0.077	0.000	0.000	0.000	0.000	0.000	0.000	2.201	21.705	21.705	
318	13.200	43.307	-13.200	-43.307	26.003	0.201	481.070	0.773	7	5	4	3	4	117.733	2.514	1.318	1.196	38.330	0.896	8.304	7.443	6.182	5.464	17.829	0.856	23.490	0.531	0.588	7.339	1.053	8.339	2.419	27.203	0.000	32.371	0.070	0.000	0.000	0.000	0.000	0.000	0.000	2.233	22.020	22.020	
319	13.250	43.471	-13.250	-43.471	25.756	0.209	473.480	0.811	7	5	4	3	4	117.733	2.524	1.323	1.201	38.494	0.895	8.225	7.359	6.165	5.440	17.573	0.900	23.233	0.527	0.584	7.303	1.052	8.303	2.434	27.818	0.000	32.317	0.067	0.000	0.000	0.000	0.000	0.000	0.000	2.208	21.773	21.773	
320	13.300	43.635	-13.300	-43.635	26.107	0.217	481.710	0.831	7	5	4	3	4	117.733	2.534	1.327	1.206	38.658	0.893	8.337	7.447	6.250	5.505	17.771	0.920	23.575	0.530	0.587	7.346	1.061	8.346	2.434	27.832	0.000	32.374	0.065	0.000	0.000	0.000	0.000	0.000	0.000	2.234	22.032	22.032	
321	13.350	43.799	-13.350	-43.799	26.204	0.219	481.200	0.836	7	5	4	3	4	117.733	2.543	1.332	1.211	38.822	0.892	8.368	7.462	6.274	5.517	17.776	0.926	23.662	0.527	0.584	7.402	1.071	8.402	2.435	27.849	0.000	32.383	0.064	0.000	0.000	0.000	0.000	0.000	0.000	2.239	22.076	22.076	
322	13.400	43.963	-13.400	-43.963	26.081	0.215	480.760	0.824	7	5	4	3	4	117.733	2.553	1.336	1.217	38.986	0.890	8.329	7.414	6.244	5.482	17.616	0.914	23.529	0.529	0.586	7.292	1.061	8.292	2.434	27.837	0.000	32.353	0.066	0.000	0.000	0.000	0.000	0.000	0.000	2.224	21.935	21.935	
323	13.450	44.127	-13.450	-44.127	25.766	0.217	478.270	0.842	7	5	4	3	4	117.733	2.562	1.341	1.222	39.150	0.889	8.228	7.312	6.197	5.432	17.314	0.935	23.204	0.532	0.591	7.086	1.038	8.086	2.445	28.267	0.000	32.286	0.067	0.000	0.000	0.000	0.000	0.000	0.000	2.194	21.633	21.633	
324	13.500	44.291	-13.500	-44.291	25.933	0.204	484.220	0.787	7	5	4	3	4	117.733	2.572	1.345	1.227	39.314	0.887	8.281	7.347	6.191	5.417	17.373	0.873	23.362	0.536	0.594	7.045	1.036	8.045	2.428	27.584	0.000	32.309	0.072	0.000	0.000	0.000	0.000	0.000	0.000	2.204	21.737	21.737	
325	13.550	44.455	-13.550	-44.455	26.387	0.200	491.290	0.758	7	5	4	3	4	117.733	2.582	1.350	1.232	39.479	0.886	8.426	7.463	6.259	5.467	17.644	0.840	23.806	0.534	0.592	7.191	1.059	8.191	2.414	27.002	0.000	32.384	0.073	0.000	0.000	0.000	0.000	0.000	0.000	2.239	22.080	22.080	
326	13.600	44.619	-13.600	-44.619	26.152	0.190	508.110	0.727	7	5	4	3	4	117.733	2.591	1.354	1.237	39.643	0.884	8.351	7.384	6.191	5.399	17.404	0.806	23.562	0.559	0.621	6.602	0.986	7.602	2.410	26.825	0.000	32.333	0.083	0.000	0.000	0.000	0.000	0.000	0.000	2.215	21.847	21.847	
327	13.650	44.783	-13.650	-44.783	26.286	0.195	508.820	0.742	7	5	4	3	4	117.733	2.601	1.359	1.242	39.807	0.883	8.394	7.410	6.231	5.425	17.438	0.823	23.686	0.557	0.618	6.660	0.997	7.660	2.413	26.944	0.000	32.350	0.081	0.000	0.000	0.000	0.000	0.000	0.000	2.223	21.923	21.923	
328	13.700	44.947	-13.700	-44.947	26.485	0.191	508.600	0.721	7	5	4	3	4	117.733	2.611	1.363	1.247	39.971	0.881	8.458	7.453	6.255	5.437	17.518	0.800	23.875	0.552	0.613	6.785	1.016	7.785	2.405	26.612	0.000	32.378	0.081	0.000	0.000	0.000	0.000	0.000	0.000	2.236	22.051	22.051	
329	13.750	45.111	-13.750	-45.111	26.896	0.195	508.780	0.725	7	5	4	3	4	117.733	2.620	1.368	1.252	40.135	0.880	8.589	7.556	6.340	5.501	17.754	0.803	24.277	0.544	0.603	7.056	1.055	8.056	2.400	26.430	0.000	32.443	0.077	0.000	0.000	0.000	0.000	0.000	0.000	2.267	22.357	22.357	
330	13.800	45.275	-13.800	-45.275	27.355	0.188	508.610	0.687	7	5	4	3	4	117.733	2.630	1.373	1.258	40.299	0.878	8.735	7.673	6.398	5.542	18.023	0.760	24.726	0.534	0.591	7.367	1.100	8.367	2.383	25.743	0.000	32.516	0.077	0.000	0.000	0.000	0.000	0.000	0.000	2.302	22.700	22.700	
331	13.850	45.439	-13.850	-45.439	27.658	0.195	520.300	0.705	7	5	4	3	4	117.733	2.640	1.377	1.263	40.463	0.877	8.832	7.745	6.473	5.598	18.176	0.779	25.019	0.542	0.599	7.295	1.094	8.295	2.385	25.799	0.000	32.561	0.076	0.000	0.000	0.000	0.000	0.000	0.000	2.323	22.914	22.914	
332	13.900	45.603	-13.900	-45.603	28.298	0.191	513.910	0.675	7	5	4	3	5	117.733	2.649	1.382	1.268	40.628	0.875	9.037	7.911	6.572	5.674	18.573	0.745	25.650	0.522	0.576	7.875	1.174	8.875	2.368	25.107	0.000	32.663	0.072	0.000	0.000	0.000	0.000	0.000	0.000	2.373	23.406	23.406	
333	13.950	45.767	-13.950	-45.767	28.145	0.176	515.050	0.625	7	5	4	3	5	117.733	2.659	1.386	1.273	40.792	0.874																											

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AO	AR		
409	17.750	58.234	-17.750	-58.234	26.594	0.165	522.850	0.620	7	5	4	3	1	117.733	3.393	1.731	1.662	53.266	0.782	8.492	6.642	6.343	4.892	13.410	0.711	23.202	0.551	0.632	4.938	0.984	5.938	2.426	27.495	0.000	31.827	0.118	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.993	19.651	19.651
410	17.800	58.398	-17.800	-58.398	27.362	0.173	535.330	0.632	7	5	4	3	1	117.733	3.403	1.736	1.667	53.430	0.781	8.738	6.825	6.503	5.009	13.812	0.722	23.960	0.550	0.628	5.140	1.020	6.140	2.419	27.177	0.000	31.957	0.113	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.048	20.192	20.192
411	17.850	58.562	-17.850	-58.562	28.419	0.193	546.120	0.679	7	5	4	3	1	117.733	3.413	1.740	1.672	53.594	0.780	9.075	7.080	6.751	5.194	14.378	0.772	25.008	0.541	0.615	5.539	1.090	6.539	2.418	27.131	0.000	32.132	0.102	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.124	20.945	20.945
412	17.900	58.726	-17.900	-58.726	29.427	0.199	560.220	0.676	7	5	4	3	1	117.733	3.422	1.745	1.678	53.759	0.779	9.397	7.321	6.944	5.335	14.913	0.765	26.007	0.537	0.608	5.847	1.144	6.847	2.403	26.528	0.000	32.292	0.098	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.196	21.660	21.660
413	17.950	58.890	-17.950	-58.890	30.048	0.235	571.580	0.782	7	5	4	3	4	117.733	3.432	1.749	1.683	53.923	0.778	9.595	7.466	7.161	5.495	15.224	0.883	26.618	0.538	0.607	5.982	1.169	6.982	2.425	27.424	0.000	32.386	0.087	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.240	22.088	22.088
414	18.000	59.054	-18.000	-59.054	30.189	0.240	578.140	0.795	7	5	4	3	4	117.733	3.442	1.754	1.688	54.087	0.777	9.640	7.491	7.202	5.519	15.260	0.897	26.749	0.542	0.612	5.927	1.163	6.927	2.427	27.511	0.000	32.402	0.087	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.247	22.163	22.163
415	18.050	59.218	-18.050	-59.218	32.087	0.236	550.490	0.736	7	5	4	3	4	117.733	3.451	1.758	1.693	54.251	0.776	9.754	7.952	7.514	5.751	16.294	0.824	26.837	0.483	0.541	7.480	1.428	8.480	2.386	25.852	0.000	32.687	0.070	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.386	23.526	23.526
416	18.100	59.382	-18.100	-59.382	31.962	0.230	602.640	0.720	7	5	4	3	4	117.733	3.461	1.763	1.698	54.415	0.775	10.207	7.911	7.477	5.715	16.176	0.807	28.503	0.535	0.600	6.464	1.260	7.464	2.384	25.757	0.000	32.662	0.085	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.373	23.404	23.404
417	18.150	59.547	-18.150	-59.547	32.006	0.212	609.640	0.662	7	5	4	3	4	117.733	3.470	1.767	1.703	54.579	0.774	10.221	7.911	7.431	5.673	16.154	0.743	28.537	0.541	0.607	6.346	1.243	7.346	2.367	25.088	0.000	32.663	0.092	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.373	23.406	23.406
418	18.200	59.711	-18.200	-59.711	32.257	0.214	627.420	0.663	7	5	4	3	1	117.733	3.480	1.772	1.708	54.743	0.773	10.301	7.963	7.482	5.704	16.249	0.744	28.778	0.554	0.621	6.155	1.214	7.155	2.365	24.996	0.000	32.694	0.095	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.389	23.560	23.560
419	18.250	59.875	-18.250	-59.875	32.568	0.209	633.990	0.642	7	5	4	3	1	117.733	3.490	1.776	1.713	54.908	0.772	10.400	8.030	7.520	5.726	16.377	0.719	29.079	0.555	0.622	6.197	1.224	7.197	2.355	24.604	0.000	32.734	0.096	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.409	23.756	23.756
420	18.300	60.039	-18.300	-60.039	32.991	0.212	642.490	0.643	7	5	4	3	1	117.733	3.499	1.781	1.719	55.072	0.771	10.535	8.124	7.603	5.781	16.568	0.719	29.493	0.556	0.622	6.267	1.239	7.267	2.350	24.430	0.000	32.789	0.095	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.437	24.034	24.034
421	18.350	60.203	-18.350	-60.203	33.018	0.214	643.570	0.648	7	5	4	3	1	117.733	3.509	1.785	1.724	55.236	0.770	10.544	8.120	7.615	5.784	16.535	0.725	29.510	0.556	0.622	6.245	1.239	7.245	2.352	24.505	0.000	32.787	0.095	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.436	24.023	24.023
422	18.400	60.367	-18.400	-60.367	33.091	0.215	639.370	0.650	7	5	4	3	1	117.733	3.519	1.790	1.729	55.400	0.769	10.567	8.128	7.633	5.790	16.529	0.727	29.574	0.551	0.616	6.341	1.258	7.341	2.352	24.510	0.000	32.792	0.094	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.438	24.046	24.046
423	18.450	60.531	-18.450	-60.531	33.128	0.213	643.640	0.643	7	5	4	3	1	117.733	3.528	1.794	1.734	55.564	0.768	10.579	8.126	7.635	5.784	16.502	0.720	29.601	0.554	0.620	6.268	1.249	7.268	2.350	24.433	0.000	32.791	0.095	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.438	24.042	24.042
424	18.500	60.695	-18.500	-60.695	33.045	0.203	641.570	0.614	7	5	4	3	1	117.733	3.538	1.799	1.739	55.728	0.767	10.552	8.096	7.590	5.743	16.409	0.688	29.508	0.553	0.620	6.240	1.247	7.240	2.343	24.145	0.000	32.773	0.099	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.429	23.952	23.952
425	18.550	60.859	-18.550	-60.859	32.660	0.192	639.160	0.588	7	5	4	3	1	117.733	3.548	1.804	1.744	55.892	0.766	10.429	7.991	7.491	5.661	16.149	0.659	29.114	0.557	0.625	6.050	1.218	7.050	2.340	24.023	0.000	32.711	0.104	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.397	23.643	23.643
426	18.600	61.023	-18.600	-61.023	32.496	0.185	635.270	0.569	7	5	4	3	1	117.733	3.557	1.808	1.749	56.057	0.765	10.377	7.941	7.442	5.617	16.012	0.639	28.940	0.556	0.625	6.008	1.213	7.008	2.336	23.887	0.000	32.681	0.107	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.382	23.495	23.495
427	18.650	61.187	-18.650	-61.187	31.824	0.179	622.200	0.561	7	5	4	3	1	117.733	3.567	1.813	1.754	56.221	0.764	10.194	7.792	7.327	5.523	15.651	0.631	28.359	0.553	0.623	5.901	1.198	6.901	2.341	24.080	0.000	32.590	0.109	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.338	23.052	23.052
428	18.700	61.351	-18.700	-61.351	31.383	0.177	625.190	0.564	7	5	4	3	1	117.733	3.577	1.817	1.760	56.385	0.763	10.022	7.650	7.231	5.444	15.309	0.637	27.808	0.566	0.639	5.534	1.137	6.534	2.350	24.419	0.000	32.502	0.115	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.295	22.633	22.633
429	18.750	61.515	-18.750	-61.515	30.982	0.175	612.290	0.565	7	5	4	3	1	117.733	3.586	1.822	1.765	56.549	0.762	9.894	7.543	7.159	5.382	15.046	0.639	27.397	0.560	0.633	5.519	1.137	6.519	2.356	24.660	0.000	32.435	0.115	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.263	22.317	22.317
430	18.800	61.679	-18.800	-61.679	30.787	0.172	593.820	0.559	7	5	4	3	1	117.733	3.596	1.826	1.770	56.713	0.761	9.831	7.486	7.117	5.344	14.896	0.633	27.192	0.545	0.617	5.711	1.174	6.711	2.357	24.704	0.000	32.399	0.112	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.246	22.148	22.148
431	18.850	61.843	-18.850	-61.843	30.170	0.168	608.770	0.557	7	5	4	3	1	117.733	3.606	1.831	1.775	56.877	0.761	9.634	7.327	7.001	5.251	14.517	0.632	26.566	0.571	0.648	5.103	1.070	6.103	2.366	25.033	0.000	32.296	0.122	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.198	21.678	21.678
432	18.900	62.007	-18.900	-62.007	30.122	0.166	608.950	0.551	7	5	4	3	1	117.733	3.615	1.835	1.780	57.041	0.760	9.619	7.306	6.987	5.234	14.449	0.626	26.508	0.572	0.650	5.058	1.065	6.058	2.365	25.005	0.000	32.283	0.124	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.192	21.616	21.616
433	18.950	62.171	-18.950	-62.171	29.497	0.163	609.890	0.553	7	5	4	3	1	117.733	3.625	1.840	1.785	57.206	0.759	9.419	7.146	6.872	5.142	14.069	0.630	25.874	0.585	0.667	4.688	1.002	5.688	2.375	25.394	0.000	32.177	0.130	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.144	21.142	21.142
434	19.000	62.335	-19.000	-62.335	29.316	0.182	608.030	0.621	7	5	4	3	1	117.733	3.635	1.844	1.790	57.370	0.758	9.361	7.093	6.909	5.162	13.930	0.709	25.683	0.586	0.669	4.607	0.990	5.607	2.400	26.411	0.000	32.141	0.124	0.000	0.000	0.000							

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR			
511	22.850	74.966	-22.850	-74.966	33.268	0.166	691.750	0.499	7	5	4	3	1	117.733	4.378	2.194	2.185	70.008	0.695	10.624	7.381	7.649	5.241	13.175	0.575	28.892	0.583	0.672	4.325	1.119	5.325	2.345	24.229	0.000	32.331	0.143	0.000	0.000	0.000	0.000	0.000	0.000	2.214	21.837	21.837		
512	22.900	75.130	-22.900	-75.130	32.981	0.155	684.210	0.470	7	5	4	3	1	117.733	4.388	2.198	2.190	70.172	0.694	10.532	7.310	7.561	5.175	13.013	0.542	28.595	0.581	0.670	4.290	1.114	5.290	2.338	23.974	0.000	32.285	0.148	0.000	0.000	0.000	0.000	0.000	0.000	2.193	21.626	21.626		
513	22.950	75.294	-22.950	-75.294	32.799	0.196	691.920	0.598	7	5	4	3	1	117.733	4.398	2.203	2.195	70.337	0.693	10.474	7.262	7.680	5.251	12.899	0.690	28.403	0.582	0.683	4.087	1.073	5.087	2.386	25.833	0.000	32.253	0.137	0.000	0.000	0.000	0.000	0.000	0.000	2.179	21.485	21.485		
514	23.000	75.458	-23.000	-75.458	33.314	0.204	695.910	0.612	7	5	4	3	1	117.733	4.407	2.207	2.200	70.501	0.693	10.638	7.368	7.796	5.325	13.102	0.706	28.909	0.586	0.675	4.254	1.111	5.254	2.384	25.780	0.000	32.323	0.132	0.000	0.000	0.000	0.000	0.000	0.000	2.210	21.799	21.799		
515	23.050	75.622	-23.050	-75.622	35.477	0.192	712.380	0.541	7	5	4	3	1	117.733	4.417	2.212	2.205	70.665	0.692	11.329	7.389	8.120	5.541	14.049	0.618	31.062	0.585	0.645	4.989	1.269	5.989	2.335	23.838	0.000	32.618	0.126	0.000	0.000	0.000	0.000	0.000	0.000	2.352	21.991	23.191		
516	23.100	75.786	-23.100	-75.786	35.644	0.200	719.910	0.561	7	5	4	3	1	117.733	4.427	2.216	2.210	70.829	0.691	11.382	7.867	8.178	5.574	14.091	0.641	31.219	0.568	0.649	4.946	1.262	5.946	2.340	24.043	0.000	32.636	0.124	0.000	0.000	0.000	0.000	0.000	0.000	2.360	23.276	23.276		
517	23.150	75.951	-23.150	-75.951	35.314	0.197	719.830	0.558	7	5	4	3	1	117.733	4.436	2.221	2.215	70.993	0.690	11.277	7.786	8.114	5.525	13.909	0.638	30.879	0.574	0.656	4.786	1.231	5.786	2.344	24.168	0.000	32.587	0.128	0.000	0.000	0.000	0.000	0.000	0.000	2.336	23.037	23.037		
518	23.200	76.115	-23.200	-76.115	35.488	0.194	712.570	0.547	7	5	4	3	1	117.733	4.446	2.226	2.221	71.157	0.690	11.333	7.817	8.134	5.533	13.955	0.625	31.044	0.564	0.645	4.954	1.269	5.954	2.338	23.959	0.000	32.605	0.126	0.000	0.000	0.000	0.000	0.000	0.000	2.345	23.127	23.127		
519	23.250	76.279	-23.250	-76.279	35.588	0.193	717.340	0.542	7	5	4	3	1	117.733	4.456	2.230	2.226	71.321	0.689	11.364	7.831	8.149	5.533	13.967	0.620	31.134	0.567	0.648	4.920	1.264	5.920	2.336	23.873	0.000	32.614	0.127	0.000	0.000	0.000	0.000	0.000	0.000	2.349	23.169	23.169		
520	23.300	76.443	-23.300	-76.443	35.879	0.190	719.010	0.530	7	5	4	3	1	117.733	4.465	2.235	2.231	71.486	0.688	11.457	7.887	8.189	5.559	14.064	0.605	31.415	0.563	0.643	5.015	1.287	6.015	2.328	23.590	0.000	32.648	0.127	0.000	0.000	0.000	0.000	0.000	0.000	2.366	23.334	23.334		
521	23.350	76.607	-23.350	-76.607	36.231	0.205	737.010	0.566	7	5	4	3	1	117.733	4.475	2.239	2.236	71.650	0.688	11.570	7.956	8.302	5.630	14.189	0.646	31.758	0.573	0.654	4.909	1.267	5.909	2.337	23.930	0.000	32.690	0.124	0.000	0.000	0.000	0.000	0.000	0.000	2.387	23.539	23.539		
522	23.400	76.771	-23.400	-76.771	38.667	0.243	752.360	0.628	7	5	4	3	1	117.733	4.485	2.244	2.241	71.814	0.687	12.348	8.483	8.836	5.987	15.242	0.711	34.184	0.549	0.621	5.770	1.455	6.770	2.331	23.701	0.000	32.996	0.104	0.000	0.000	0.000	0.000	0.000	0.000	2.545	25.096	25.096		
523	23.450	76.935	-23.450	-76.935	41.426	0.257	747.380	0.620	7	5	4	3	4	117.733	4.494	2.248	2.246	71.978	0.686	13.229	9.079	9.342	6.322	16.434	0.696	36.933	0.509	0.571	7.053	1.734	8.053	2.301	22.555	0.000	33.320	0.087	0.000	0.000	0.000	0.000	0.000	0.000	2.724	26.860	26.860		
524	23.500	77.099	-23.500	-77.099	45.021	0.266	762.700	0.591	8	5	4	3	5	120.915	4.504	2.253	2.251	72.142	0.686	10.783	7.392	9.965	6.737	17.993	0.656	40.519	0.479	0.532	8.421	2.032	9.421	2.258	20.982	32.151	33.713	0.074	0.000	0.000	0.000	0.000	0.000	0.000	2.957	29.161	29.161		
525	23.550	77.263	-23.550	-77.263	46.481	0.267	781.840	0.574	8	5	4	3	5	120.915	4.514	2.258	2.256	72.306	0.685	11.132	7.624	10.208	6.895	18.597	0.636	41.969	0.477	0.528	8.782	2.115	9.782	2.239	20.343	33.035	33.860	0.073	4.145	192.755	0.000	0.000	0.000	0.000	0.000	0.000	3.050	30.074	30.074
526	23.600	77.427	-23.600	-77.427	48.334	0.243	833.680	0.503	8	5	4	3	5	120.915	4.524	2.262	2.262	72.470	0.684	11.576	7.919	10.432	7.038	19.373	0.555	43.812	0.492	0.542	8.866	2.138	9.866	2.198	18.926	34.126	34.042	0.081	4.082	197.402	0.000	0.000	0.000	0.000	0.000	0.000	3.168	31.240	31.240
527	23.650	77.591	-23.650	-77.591	49.141	0.224	823.500	0.456	8	5	4	3	5	120.915	4.534	2.267	2.267	72.635	0.683	11.769	8.043	10.499	7.076	19.683	0.502	44.609	0.477	0.525	9.341	2.245	10.341	2.173	18.110	34.570	34.116	0.084	4.057	199.468	0.000	0.000	0.000	0.000	0.000	0.000	3.217	31.728	31.728
528	23.700	77.755	-23.700	-77.755	47.853	0.206	763.000	0.430	8	5	4	3	5	120.915	4.544	2.272	2.272	72.799	0.683	11.461	7.824	10.228	6.886	19.070	0.476	43.311	0.450	0.497	9.584	2.303	10.584	2.174	5.000	33.778	33.984	0.085	4.106	196.544	0.000	0.000	0.000	0.000	0.000	0.000	3.130	30.864	30.864
529	23.750	77.919	-23.750	-77.919	43.813	0.212	790.230	0.484	8	5	4	3	1	120.915	4.554	2.277	2.277	72.963	0.682	10.493	7.156	9.595	6.453	17.251	0.540	39.261	0.511	0.570	7.413	1.834	8.413	2.233	20.106	31.220	33.558	0.099	0.000	0.000	0.000	0.000	0.000	0.000	2.862	28.228	28.228		
530	23.800	78.083	-23.800	-78.083	42.082	0.320	797.980	0.760	7	5	4	3	4	117.733	4.564	2.282	2.282	73.127	0.681	13.438	9.155	9.653	6.485	16.452	0.853	37.520	0.538	0.603	6.530	1.645	7.530	2.340	24.028	30.035	33.360	0.081	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.746	27.085	27.085	
531	23.850	78.247	-23.850	-78.247	42.120	0.486	738.500	1.154	7	4	4	3	4	117.733	4.573	2.286	2.287	73.291	0.681	13.450	9.154	11.020	4.488	16.432	1.294	37.549	0.493	0.553	7.345	1.827	8.345	2.618	36.265	30.033	33.360	0.044	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.746	27.083	16.432	
532	23.900	78.411	-23.900	-78.411	42.342	0.610	708.280	1.441	7	4	4	3	4	117.733	4.583	2.291	2.292	73.455	0.680	13.521	9.193	11.359	4.618	16.492	1.615	37.761	0.468	0.525	7.837	1.938	8.837	2.667	38.743	30.154	33.380	0.024	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.758	27.198	16.492	
533	23.950	78.575	-23.950	-78.575	42.488	0.803	686.890	1.890	6	4	4	3	3	114.551	4.592	2.295	2.297	73.619	0.679	16.281	11.059	11.790	4.785	16.520	2.119	37.898	0.451	0.505	8.175	2.016	9.175	2.732	42.159	30.226	33.392	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.765	27.266	16.520	
534	24.000	78.739	-24.000	-78.739	41.924	0.825	678.190	1.968	6	4	4	3	3	114.551	4.602	2.299	2.303	73.784	0.679	16.065	10.902	11.737	4.746	16.239	2.210	37.324	0.450	0.505	8.030	1.988	9.030	2.748	43.068	0.000	33.324	0.003	0.000	0.000	0.000	0.000	0.000	0.000	2.726	26.879	16.239		
535	24.050	78.903	-24.050	-78.903	41.995	0.720	580.630	1.715	7	4	4	3	4	117.733	4.611	2.304	2.308	73.948	0.678	13.410	9.092	11.548	4.660	16.235	1.926	37.385	0.377	0.423	9.366	2.287	10.366	2.715	41.239	0.000	33.327	-0.006	0.000	0.000	0.000	0.000	0.000	0.000	2.728	26.899	16.235		
536	24.100	79.067	-24.100	-79.067	40.725	0.547	664.040	1.343	7	4	4	3	4	117.733	4.621	2.308	2.313	74.112	0.677	13.005	8.808	10.951	4.392	15.649	1.515	36.106	0.452	0.510	7.667	1.916	8.667	2.672	38.979	0.000	33.176	0.030	0.000	0.000	0.000	0.000	0.000	0.000	2.642	26.060	15.649		
537	24.150																																														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
613	27.950	91.698	-27.950	-91.698	186.017	1.256	50.740	0.675	9	6	9	6	6	124.097	5.385	2.678	2.707	86.750	0.629	35.641	22.410	34.182	21.196	67.472	0.695	180.634	-0.006	-0.006	67.891	17.669	68.891	1.779	7.671	70.338	40.077	-0.120	2.421	450.551	0.000	0.000	0.000	11.205	110.504	110.504
614	28.000	91.862	-28.000	-91.862	187.201	1.424	69.080	0.761	9	6	9	6	5	124.097	5.396	2.683	2.712	86.915	0.628	35.868	22.532	34.763	21.536	67.783	0.783	181.808	-0.003	-0.003	67.990	17.727	68.990	1.808	8.296	70.493	40.103	-0.130	2.418	452.758	0.000	0.000	0.000	11.266	111.103	111.103
615	28.050	92.026	-28.050	-92.026	203.571	1.461	1.750	0.718	9	6	9	6	6	124.097	5.406	2.688	2.717	87.079	0.628	39.004	24.479	37.209	23.030	73.743	0.737	198.167	-0.013	-0.013	74.733	19.497	75.733	1.764	7.362	72.868	40.499	-0.133	2.350	478.609	0.000	0.000	0.000	12.239	120.705	120.705
616	28.100	92.190	-28.100	-92.190	210.528	1.214	-3.600	0.577	9	6	9	6	6	124.097	5.416	2.693	2.723	87.243	0.627	40.337	25.292	37.571	23.232	76.185	0.592	205.114	-0.013	-0.014	77.237	20.179	78.237	1.695	6.022	73.805	40.655	-0.118	1.324	489.362	0.000	0.000	0.000	12.646	124.712	124.712
617	28.150	92.355	-28.150	-92.355	216.838	1.319	-11.590	0.608	9	6	9	6	6	124.097	5.426	2.698	2.728	87.407	0.626	41.546	26.025	38.744	23.935	78.787	0.624	211.414	-0.014	-0.015	79.522	20.808	80.522	1.698	6.088	74.624	40.792	-0.125	2.300	498.911	0.000	0.000	0.000	13.013	128.330	128.330
618	28.200	92.519	-28.200	-92.519	222.523	1.146	-7.530	0.515	9	6	9	6	6	124.097	5.436	2.704	2.733	87.571	0.626	42.635	26.683	39.070	24.114	80.331	0.528	217.089	-0.013	-0.014	81.428	21.340	82.428	1.647	5.160	75.339	40.911	-0.113	1.279	507.353	0.000	0.000	0.000	13.341	131.571	131.571
619	28.250	92.683	-28.250	-92.683	224.291	1.121	-9.390	0.500	9	6	9	6	6	124.097	5.447	2.709	2.738	87.735	0.625	42.935	26.870	39.248	24.201	80.830	0.512	218.847	-0.014	-0.014	81.949	21.515	82.949	1.637	4.987	75.539	40.944	-0.111	1.274	510.190	0.000	0.000	0.000	13.435	132.493	132.493
620	28.300	92.847	-28.300	-92.847	223.183	1.219	-4.390	0.546	9	6	9	6	6	124.097	5.457	2.714	2.743	87.899	0.625	42.762	26.712	39.377	24.258	80.267	0.560	217.728	-0.013	-0.013	81.328	21.394	82.328	1.662	5.414	75.371	40.916	-0.118	1.280	508.995	0.000	0.000	0.000	13.356	131.715	131.715
621	28.350	93.011	-28.350	-93.011	224.278	1.429	-5.080	0.637	9	6	9	6	6	124.097	5.467	2.719	2.748	88.064	0.624	42.972	26.818	40.095	24.677	80.517	0.653	218.814	-0.013	-0.013	81.586	21.501	82.586	1.700	6.117	75.484	40.935	-0.131	2.277	510.890	0.000	0.000	0.000	13.409	132.238	132.238
622	28.400	93.175	-28.400	-93.175	231.332	1.374	-4.470	0.594	9	6	9	6	6	124.097	5.477	2.724	2.753	88.228	0.624	44.323	27.636	40.946	25.178	82.954	0.608	225.857	-0.012	-0.013	84.016	22.175	85.016	1.671	5.583	76.345	41.078	-0.128	2.251	520.983	0.000	0.000	0.000	13.818	136.271	136.271
623	28.450	93.339	-28.450	-93.339	236.636	1.318	-7.000	0.557	9	6	9	6	6	124.097	5.487	2.729	2.758	88.392	0.623	45.340	28.243	41.540	25.519	84.741	0.570	231.151	-0.013	-0.013	85.832	22.691	86.832	1.647	5.150	76.968	41.182	-0.124	2.232	528.499	0.000	0.000	0.000	14.122	139.266	139.266
624	28.500	93.503	-28.500	-93.503	237.278	1.222	-5.180	0.515	9	6	9	6	6	124.097	5.497	2.734	2.764	88.556	0.622	45.462	28.293	41.364	25.388	84.815	0.527	231.783	-0.012	-0.013	85.885	22.747	86.885	1.626	4.796	77.019	41.191	-0.118	2.232	529.727	0.000	0.000	0.000	14.147	139.514	139.514
625	28.550	93.667	-28.550	-93.667	233.399	1.472	-6.630	0.631	9	6	9	6	6	124.097	5.508	2.739	2.769	88.720	0.622	44.719	27.805	41.506	25.451	83.238	0.646	227.893	-0.013	-0.013	84.325	22.379	85.325	1.685	5.832	76.520	41.108	-0.133	2.248	524.889	0.000	0.000	0.000	13.903	137.106	137.106
626	28.600	93.831	-28.600	-93.831	233.670	1.514	-1.620	0.648	9	6	9	6	6	124.097	5.518	2.744	2.774	88.884	0.621	44.771	27.812	41.656	25.519	83.180	0.664	228.154	-0.012	-0.012	84.209	22.390	85.209	1.692	5.963	76.627	41.109	-0.135	2.249	525.625	0.000	0.000	0.000	13.906	137.139	137.139
627	28.650	93.995	-28.650	-93.995	236.800	1.555	-6.330	0.657	9	6	9	6	6	124.097	5.528	2.749	2.779	89.048	0.621	45.371	28.158	42.204	25.831	84.162	0.672	231.275	-0.013	-0.013	85.245	22.704	86.245	1.691	5.950	76.882	41.168	-0.137	2.238	530.205	0.000	0.000	0.000	14.079	138.449	138.449
628	28.700	94.159	-28.700	-94.159	238.295	1.224	-8.790	0.514	9	6	9	6	6	124.097	5.538	2.754	2.784	89.213	0.620	45.657	28.310	41.530	25.395	84.547	0.526	232.759	-0.013	-0.013	85.658	22.855	86.658	1.625	4.781	77.036	41.194	-0.117	2.234	532.572	0.000	0.000	0.000	14.155	139.597	139.597
629	28.750	94.323	-28.750	-94.323	234.783	1.113	-5.890	0.474	9	6	9	6	6	124.097	5.548	2.759	2.789	89.377	0.619	44.984	27.867	40.724	24.880	83.115	0.486	229.237	-0.013	-0.013	84.192	22.510	85.192	1.611	4.543	76.584	41.118	-0.109	2.249	528.237	0.000	0.000	0.000	13.934	137.413	137.413
630	28.800	94.487	-28.800	-94.487	218.929	1.054	-6.500	0.481	9	6	9	6	6	124.097	5.559	2.764	2.794	89.541	0.619	41.947	25.962	38.355	23.411	77.222	0.494	231.373	-0.014	-0.014	78.306	20.993	79.306	1.641	5.000	74.554	40.780	-0.104	2.213	506.487	0.000	0.000	0.000	12.981	128.017	128.017
631	28.850	94.651	-28.850	-94.651	207.143	1.215	-4.330	0.587	9	6	9	6	6	124.097	5.569	2.769	2.799	89.705	0.618	39.689	24.542	37.162	22.662	72.819	0.603	201.577	-0.014	-0.015	73.879	19.857	74.879	1.710	6.309	72.942	40.511	-0.115	1.362	489.378	0.000	0.000	0.000	12.271	121.014	121.014
632	28.900	94.815	-28.900	-94.815	203.039	1.462	-3.440	0.720	9	6	9	6	6	124.097	5.579	2.774	2.804	89.869	0.618	38.902	24.033	37.209	22.670	71.202	0.740	197.462	-0.014	-0.015	72.252	19.461	73.252	1.771	7.514	72.342	40.411	-0.131	2.380	483.432	0.000	0.000	0.000	12.017	118.508	118.508
633	28.950	94.979	-28.950	-94.979	205.164	1.113	-2.550	0.542	9	6	9	6	6	124.097	5.589	2.779	2.810	90.033	0.617	39.309	24.263	36.211	22.285	71.834	0.558	199.577	-0.014	-0.014	72.874	19.662	73.874	1.695	6.018	72.614	40.457	-0.108	2.373	487.030	0.000	0.000	0.000	12.131	119.640	119.640
634	29.000	95.143	-29.000	-95.143	208.209	1.520	-3.380	0.730	9	6	9	6	6	124.097	5.599	2.785	2.815	90.197	0.617	38.893	24.601	38.097	23.169	72.794	0.750	202.612	-0.014	-0.014	73.843	19.957	74.843	1.767	7.423	73.011	40.523	-0.134	2.362	492.003	0.000	0.000	0.000	12.300	121.305	121.305
635	29.050	95.307	-29.050	-95.307	209.412	1.517	-6.160	0.724	9	6	9	6	6	124.097	5.609	2.790	2.820	90.362	0.616	40.123	24.720	38.266	23.251	73.090	0.744	203.804	-0.014	-0.015	74.169	20.080	75.169	1.763	7.346	73.150	40.546	-0.133	2.359	494.159	0.000	0.000	0.000	12.360	121.895	121.895
636	29.100	95.471	-29.100	-95.471	208.567	1.226	-11.710	0.588	9	6	9	6	6	124.097	5.620	2.795	2.825	90.526	0.616	39.961	24.598	37.414	22.712	72.651	0.604	202.950	-0.015	-0.016	73.793	20.016	74.793	1.710	6.304	73.008	40.522	-0.115	1.364	493.219	0.000	0.000	0.000	12.299	121.293	121.293
637	29.150	95.635	-29.150	-95.635	207.267	1.306	-11.640	0.630	9	6	9	6	6	124.097	5.630	2.800	2.830	90.690	0.615	39.712	24.423	37.445	22.710	72.052	0.648	201.640	-0.015	-0.016	73.193	19.891	74.193	1.730	6.697	72.803	40.488	-0.121	2.371	491.580	0.000	0.000	0.000	12.211	120.429	120.429
638	29.200	95.799	-29.200	-95.799	207.466	1.504	-10.310	0.725	9	6	9	6	6	124.097	5.640	2.805	2.835	90.854	0.614	39.750	24.424	37.970	23.008	71.989	0.745	201.828	-0.015	-0.016	73.115	19.906	74.115	1.767	7.436	72.804	40.488	-0.132	2.372	492.218	0.000	0.000	0.000	12.212	120.435	120.435
639	29.250	95.963	-29.250	-95.963	207.601	1.319	-10.980	0.635	9	6	9	6	6	124.097	5																													

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR		
715	33.050	108.430	-33.050	-108.430	37.211	0.568	825.180	1.526	7	4	0	3	3	117.733	6.401	3.172	3.230	103.493	0.578	11.883	6.866	11.302	3.081	9.718	1.843	30.813	0.605	0.731	2.613	1.097	3.613	2.893	51.561	0.000	31.985	0.132	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.060	20.313	9.718
716	33.100	108.594	-33.100	-108.594	50.645	0.550	788.970	1.086	7	4	4	3	4	117.733	6.411	3.176	3.235	103.657	0.577	16.173	9.338	13.617	3.910	13.932	1.243	44.237	0.422	0.484	7.195	2.493	8.195	2.672	38.970	30.602	33.455	0.048	0.000	0.000	0.000	0.000	0.000	0.000	2.801	27.626	13.932	
717	33.150	108.759	-33.150	-108.759	50.636	0.525	838.760	1.037	7	4	4	3	4	117.733	6.421	3.181	3.240	103.821	0.577	16.170	9.329	13.551	3.885	13.907	1.187	44.218	0.453	0.519	6.691	2.343	7.691	2.663	38.500	30.576	33.450	0.058	0.000	0.000	0.000	0.000	0.000	0.000	2.799	27.602	13.907	
718	33.200	108.923	-33.200	-108.923	50.452	0.499	831.620	0.989	7	4	4	3	4	117.733	6.430	3.185	3.245	103.985	0.577	16.111	9.289	13.449	3.847	13.826	1.133	44.024	0.450	0.516	6.692	2.346	7.692	2.655	38.114	30.451	33.429	0.061	0.000	0.000	0.000	0.000	0.000	0.000	2.787	27.481	13.826	
719	33.250	109.087	-33.250	-109.087	50.182	0.489	818.850	0.974	7	4	4	3	4	117.733	6.440	3.190	3.250	104.149	0.576	16.025	9.233	13.378	3.817	13.719	1.118	43.744	0.445	0.510	6.722	2.359	7.722	2.655	38.119	30.277	33.400	0.061	0.000	0.000	0.000	0.000	0.000	0.000	2.770	27.315	13.719	
720	33.300	109.251	-33.300	-109.251	50.299	0.486	803.960	0.966	7	4	4	3	4	117.733	6.450	3.195	3.255	104.313	0.576	16.062	9.247	13.394	3.817	13.733	1.108	43.852	0.434	0.498	6.893	2.415	7.893	2.653	38.007	30.324	33.408	0.059	0.000	0.000	0.000	0.000	0.000	0.000	2.774	27.359	13.733	
721	33.350	109.415	-33.350	-109.415	49.822	0.482	791.700	0.967	7	4	4	3	4	117.733	6.459	3.199	3.260	104.477	0.575	15.910	9.153	13.304	3.780	13.561	1.111	43.366	0.431	0.495	6.852	2.406	7.852	2.658	38.284	30.030	33.359	0.060	0.000	0.000	0.000	0.000	0.000	0.000	2.746	27.081	13.561	
722	33.400	109.579	-33.400	-109.579	50.772	0.493	825.220	0.971	7	4	4	3	4	117.733	6.469	3.204	3.265	104.642	0.575	16.213	9.321	13.506	3.842	13.835	1.113	44.305	0.443	0.508	6.811	2.396	7.811	2.651	37.905	30.551	33.446	0.060	0.000	0.000	0.000	0.000	0.000	0.000	2.796	27.577	13.835	
723	33.450	109.743	-33.450	-109.743	50.094	0.497	822.440	0.992	7	4	4	3	4	117.733	6.479	3.208	3.271	104.806	0.575	15.997	9.190	13.404	3.799	13.602	1.139	43.618	0.447	0.514	6.616	2.340	7.616	2.662	38.490	30.146	33.379	0.062	0.000	0.000	0.000	0.000	0.000	0.000	2.757	27.190	13.602	
724	33.500	109.907	-33.500	-109.907	50.547	0.493	837.230	0.975	7	4	4	3	4	117.733	6.488	3.213	3.276	104.970	0.574	16.141	9.267	13.476	3.818	13.720	1.119	44.061	0.452	0.519	6.602	2.339	7.602	2.655	38.126	30.383	33.418	0.063	0.000	0.000	0.000	0.000	0.000	0.000	2.780	27.416	13.720	
725	33.550	110.071	-33.550	-110.071	52.681	0.519	826.760	0.985	7	4	4	3	4	117.733	6.498	3.217	3.281	105.134	0.574	16.823	9.651	13.927	3.963	13.962	1.124	46.186	0.428	0.488	7.357	2.575	8.357	2.639	37.287	31.549	33.612	0.052	0.000	0.000	0.000	0.000	0.000	0.000	2.895	28.554	14.362	
726	33.600	110.235	-33.600	-110.235	53.333	0.540	865.560	1.012	7	4	4	3	4	117.733	6.508	3.222	3.286	105.298	0.573	17.031	9.764	14.104	4.014	14.541	1.153	46.828	0.445	0.507	7.172	2.521	8.172	2.640	37.323	31.881	33.668	0.053	0.000	0.000	0.000	0.000	0.000	0.000	2.929	28.887	14.541	
727	33.650	110.399	-33.650	-110.399	52.860	0.558	791.270	1.056	7	4	4	3	4	117.733	6.517	3.226	3.291	105.462	0.573	16.880	9.670	14.077	3.995	14.371	1.204	46.345	0.405	0.462	7.732	2.698	8.732	2.653	38.014	31.605	33.622	0.043	0.000	0.000	0.000	0.000	0.000	0.000	2.901	28.610	14.371	
728	33.700	110.563	-33.700	-110.563	52.020	0.539	836.230	1.036	7	4	4	3	4	117.733	6.527	3.231	3.296	105.626	0.572	16.612	9.510	13.883	3.924	14.087	1.185	45.496	0.438	0.501	7.026	2.483	8.026	2.657	38.225	31.126	33.542	0.054	0.000	0.000	0.000	0.000	0.000	0.000	2.853	28.136	14.087	
729	33.750	110.727	-33.750	-110.727	50.677	0.504	787.630	0.995	7	4	4	3	4	117.733	6.537	3.235	3.301	105.791	0.572	16.183	9.258	13.554	3.811	13.649	1.142	44.143	0.420	0.482	7.068	2.500	8.068	2.662	38.443	30.356	33.414	0.055	0.000	0.000	0.000	0.000	0.000	0.000	2.777	27.390	13.649	
730	33.800	110.891	-33.800	-110.891	51.576	0.543	843.120	1.053	7	4	4	3	4	117.733	6.546	3.240	3.306	105.955	0.572	16.470	9.416	13.826	3.891	13.905	1.206	45.033	0.446	0.510	6.810	2.423	7.810	2.666	38.671	30.840	33.494	0.055	0.000	0.000	0.000	0.000	0.000	0.000	2.825	27.857	13.905	
731	33.850	111.055	-33.850	-111.055	50.986	0.550	817.860	1.079	7	4	4	3	4	117.733	6.556	3.244	3.312	106.119	0.571	16.281	9.301	13.747	3.856	13.700	1.238	44.432	0.436	0.500	6.850	2.439	7.850	2.677	39.252	30.490	33.436	0.053	0.000	0.000	0.000	0.000	0.000	0.000	2.790	27.519	13.700	
732	33.900	111.219	-33.900	-111.219	50.496	0.499	813.140	0.988	7	4	4	3	4	117.733	6.566	3.249	3.317	106.283	0.571	16.125	9.206	13.522	3.781	13.528	1.136	43.933	0.437	0.502	6.733	2.406	7.733	2.664	38.563	30.194	33.387	0.060	0.000	0.000	0.000	0.000	0.000	0.000	2.762	27.236	13.528	
733	33.950	111.383	-33.950	-111.383	51.151	0.611	839.560	1.194	7	4	4	3	4	117.733	6.575	3.254	3.322	106.447	0.570	16.334	9.319	13.950	3.902	13.707	1.371	44.578	0.447	0.513	6.670	2.390	7.670	2.699	40.398	30.543	33.445	0.050	0.000	0.000	0.000	0.000	0.000	0.000	2.796	27.570	13.707	
734	34.000	111.547	-34.000	-111.547	51.211	0.566	815.570	1.105	7	4	4	3	4	117.733	6.585	3.258	3.327	106.611	0.570	16.353	9.323	13.845	3.867	13.704	1.268	44.629	0.432	0.496	6.908	2.467	7.908	2.682	39.518	30.557	33.447	0.051	0.000	0.000	0.000	0.000	0.000	0.000	2.797	27.583	13.704	
735	34.050	111.711	-34.050	-111.711	51.894	0.556	790.380	1.071	7	4	4	3	4	117.733	6.595	3.263	3.332	106.775	0.570	16.572	9.441	13.941	3.895	13.891	1.227	45.302	0.411	0.471	7.347	2.608	8.347	2.670	38.886	30.916	33.507	0.047	0.000	0.000	0.000	0.000	0.000	0.000	2.832	27.931	13.891	
736	34.100	111.875	-34.100	-111.875	52.471	0.508	858.830	0.968	7	4	4	3	4	117.733	6.604	3.267	3.337	106.940	0.569	16.756	9.539	13.910	3.887	14.045	1.107	45.870	0.447	0.512	6.858	2.459	7.858	2.644	37.562	31.214	33.557	0.060	0.000	0.000	0.000	0.000	0.000	0.000	2.862	28.222	14.045	
737	34.150	112.039	-34.150	-112.039	52.325	0.467	873.790	0.893	7	4	0	3	4	117.733	6.614	3.272	3.342	107.104	0.569	16.709	9.506	13.767	3.839	13.978	1.022	45.714	0.457	0.524	6.660	2.400	7.660	2.630	36.819	31.114	33.540	0.068	0.000	0.000	0.000	0.000	0.000	0.000	2.852	28.124	13.978	
738	34.200	112.203	-34.200	-112.203	52.990	0.478	858.660	0.902	8	4	4	3	4	120.915	6.624	3.276	3.347	107.268	0.568	16.691	9.215	13.921	3.883	14.159	1.031	46.369	0.443	0.506	6.996	2.509	7.996	2.626	36.665	31.455	33.597	0.062	0.000	0.000	0.000	0.000	0.000	0.000	2.886	28.461	14.159	
739	34.250	112.367	-34.250	-112.367	51.969	0.468	837.560	0.901	7	4	4	3	4	117.733	6.634	3.281	3.353	107.432	0.568	16.595	9.428	13.718	3.809	13.824	1.032	45.338	0.439	0.503	6.874	2.474	7.874	2.636	37.139	30.877	33.500	0.064	0.000	0.000	0.000	0.000	0.000	0.000	2.828	27.893	13.824	
740	34.300	112.531	-34.300	-112.531	51.849	0.465	860.090	0.897	7	4	4	3	4	117.733	6.643	3.286	3.358	107.596	0.568	16.557	9.400	13.693	3.795	13.765	1.029	45.209	0.453	0.520	6.613	2.395	7.613	2.637	37.185	30.791	33.486	0.068	0.000	0.000	0.000	0.000	0.000	0.000	2.820	27.809	13.765	
741	34.350	112.695	-34																																											



ConeTec Shear Wave Velocity Data Reduction Sheet

Hole: CPT-2
Location: SC-41 Replacement Bridge
Cone: AD214
Date: 8-Mar-11
Source: Beam

Source Depth	0.00 m
Source Offset	1.45 m

Tip Depth (m)	Geophone Depth(m)	Travel Path (m)	Interval time (ms)	Velocity (m/s)	Velocity (ft/s)	Interval Depth (m)	Interval Depth (ft)
0.00							
1.00	0.80	1.66					
2.00	1.80	2.31	4.63	141.5	464.3	1.30	4.27
3.00	2.80	3.15	5.00	168.4	552.4	2.30	7.55
4.00	3.80	4.07	6.20	147.4	483.7	3.30	10.83
5.00	4.80	5.01	6.60	143.6	471.1	4.30	14.11
6.00	5.80	5.98	5.49	175.8	576.7	5.30	17.39
7.00	6.80	6.95	3.73	261.4	857.8	6.30	20.67
8.00	7.80	7.93	2.49	393.7	1291.7	7.30	23.95
9.00	8.80	8.92	3.65	269.9	885.6	8.30	27.23
10.00	9.80	9.91	4.46	221.6	727.2	9.30	30.51
11.00	10.80	10.90	4.33	228.9	751.1	10.30	33.79
12.00	11.80	11.89	4.00	247.9	813.3	11.30	37.07
13.00	12.80	12.88	3.10	320.4	1051.3	12.30	40.35
14.00	13.80	13.88	3.47	286.3	939.4	13.30	43.63
15.00	14.80	14.87	3.17	313.8	1029.6	14.30	46.92
16.00	15.80	15.87	3.15	316.3	1037.7	15.30	50.20
17.00	16.80	16.86	3.27	304.6	999.3	16.30	53.48
18.00	17.80	17.86	2.97	335.3	1100.1	17.30	56.76
19.00	18.80	18.86	3.20	311.9	1023.3	18.30	60.04
20.00	19.80	19.85	3.09	322.8	1059.0	19.30	63.32
21.00	20.80	20.85	3.12	319.3	1047.7	20.30	66.60
22.00	21.80	21.85	2.97	335.5	1100.8	21.30	69.88
23.00	22.80	22.85	2.79	357.3	1172.3	22.30	73.16
24.00	23.80	23.84	2.59	385.5	1264.6	23.30	76.44
25.00	24.80	24.84	2.54	392.5	1287.7	24.30	79.72
26.00	25.80	25.84	2.41	415.0	1361.6	25.30	83.00
27.00	26.80	26.84	2.21	452.0	1482.9	26.30	86.29
28.00	27.80	27.84	2.23	448.0	1470.0	27.30	89.57
29.00	28.80	28.84	2.18	457.6	1501.4	28.30	92.85
30.00	29.80	29.84	2.41	414.6	1360.2	29.30	96.13
31.00	30.80	30.83	1.65	606.0	1988.1	30.30	99.41
32.00	31.80	31.83	2.74	365.1	1197.9	31.30	102.69
33.00	32.80	32.83	3.32	300.9	987.2	32.30	105.97
34.00	33.80	33.83	3.33	300.3	985.2	33.30	109.25
35.00	34.80	34.83	3.02	331.2	1086.7	34.30	112.53
36.00	35.80	35.83	3.14	317.9	1042.9	35.30	115.81
37.00	36.80	36.83	3.07	325.5	1067.9	36.30	119.09

Vs file

m	m/s	ft	fps
0.80	141.5	2.62	464.35
1.80	141.5	5.91	464.35
1.80	168.4	5.91	552.36
2.80	168.4	9.19	552.36
2.80	147.4	9.19	483.72
3.80	147.4	12.47	483.72
3.80	143.6	12.47	471.08
4.80	143.6	15.75	471.08
4.80	175.8	15.75	576.75
5.80	175.8	19.03	576.75
5.80	261.4	19.03	857.77
6.80	261.4	22.31	857.77
6.80	393.7	22.31	1291.76
7.80	393.7	25.59	1291.76
7.80	269.9	25.59	885.57
8.80	269.9	28.87	885.57
8.80	221.6	28.87	727.18
9.80	221.6	32.15	727.18
9.80	228.9	32.15	751.12
10.80	228.9	35.43	751.12
10.80	247.9	35.43	813.32
11.80	247.9	38.71	813.32
11.80	320.4	38.71	1051.27
12.80	320.4	41.99	1051.27
12.80	286.3	41.99	939.43
13.80	286.3	45.28	939.43
13.80	313.8	45.28	1029.63
14.80	313.8	48.56	1029.63
14.80	316.3	48.56	1037.66
15.80	316.3	51.84	1037.66
15.80	304.6	51.84	999.32
16.80	304.6	55.12	999.32
16.80	335.3	55.12	1100.13
17.80	335.3	58.40	1100.13
17.80	311.9	58.40	1023.34
18.80	311.9	61.68	1023.34
18.80	322.8	61.68	1059.01
19.80	322.8	64.96	1059.01
19.80	319.3	64.96	1047.71
20.80	319.3	68.24	1047.71
20.80	335.5	68.24	1100.83
21.80	335.5	71.52	1100.83
21.80	357.3	71.52	1172.34
22.80	357.3	74.80	1172.34
22.80	385.5	74.80	1264.63
23.80	385.5	78.08	1264.63
23.80	392.5	78.08	1287.67
24.80	392.5	81.36	1287.67
24.80	415.0	81.36	1361.62
25.80	415.0	84.65	1361.62
25.80	452.0	84.65	1482.88
26.80	452.0	87.93	1482.88
26.80	448.0	87.93	1469.98
27.80	448.0	91.21	1469.98
27.80	457.6	91.21	1501.39
28.80	457.6	94.49	1501.39
28.80	414.6	94.49	1360.18
29.80	414.6	97.77	1360.18
29.80	606.0	97.77	1988.10
30.80	606.0	101.05	1988.10
30.80	365.1	101.05	1197.88
31.80	365.1	104.33	1197.88
31.80	300.9	104.33	987.24
32.80	300.9	107.61	987.24
32.80	300.3	107.61	985.17
33.80	300.3	110.89	985.17
33.80	331.2	110.89	1086.73
34.80	331.2	114.17	1086.73
34.80	317.9	114.17	1042.94
35.80	317.9	117.45	1042.94
35.80	325.5	117.45	1067.86
36.80	325.5	120.73	1067.86

input data

Depth	Time(ms)	Depth m	Average dt (ms)	Paste here Depth (ft)	Time (ms)
1.00	9.31208038	1.00		3.28	9.31
2.00	13.9422817	2.00	4.63	6.56	13.94
3.00	18.9422455	3.00	5.00	9.84	18.94
4.00	25.1419449	4.00	6.20	13.12	25.14
5.00	31.7372513	5.00	6.60	16.40	31.74
6.00	37.2224808	6.00	5.49	19.69	37.22
7.00	40.9493332	7.00	3.73	22.97	40.95
8.00	43.4402695	8.00	2.49	26.25	43.44
9.00	47.0895996	9.00	3.65	29.53	47.09
10.00	51.5473213	10.00	4.46	32.81	51.55
11.00	55.8724823	11.00	4.33	36.09	55.87
12.00	59.8734856	12.00	4.00	39.37	59.87
13.00	62.9728241	13.00	3.10	42.65	62.97
14.00	66.4446106	14.00	3.47	45.93	66.44
15.00	69.6147614	15.00	3.17	49.21	69.61
16.00	72.7623978	16.00	3.15	52.49	72.76
17.00	76.032547	17.00	3.27	55.77	76.03
18.00	79.0043411	18.00	2.97	59.06	79.00
19.00	82.2003174	19.00	3.20	62.34	82.20
20.00	85.2896347	20.00	3.09	65.62	85.29
21.00	88.4131012	21.00	3.12	68.90	88.41
22.00	91.3865509	22.00	2.97	72.18	91.39
23.00	94.179184	23.00	2.79	75.46	94.18
24.00	96.7684784	24.00	2.59	78.74	96.77
25.00	99.3118515	25.00	2.54	82.02	99.31
26.00	101.717407	26.00	2.41	85.30	101.72
27.00	103.926521	27.00	2.21	88.58	103.93
28.00	106.155273	28.00	2.23	91.86	106.16
29.00	108.337608	29.00	2.18	95.14	108.34
30.00	110.746727	30.00	2.41	98.43	110.75
31.00	112.395081	31.00	1.65	101.71	112.40
32.00	115.131027	32.00	2.74	104.99	115.13
33.00	118.450935	33.00	3.32	108.27	118.45
34.00	121.778015	34.00	3.33	111.55	121.78
35.00	124.794327	35.00	3.02	114.83	124.79
36.00	127.937447	36.00	3.14	118.11	127.94
37.00	131.007339	37.00	3.07	121.39	131.01

[illegible]

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
103	2.450	8.038	-2.450	-8.038	30.286	0.299	34.660	0.987	7	6	7	6	5	117.733	0.466	0.371	0.095	3.040	1.689	9.671	16.336	6.444	10.734	80.381	1.003	29.821	0.033	0.033	77.720	2.798	78.720	2.163	17.789	46.634	36.127	-0.164	2.993	90.680	0.000	0.000	0.000	4.901	48.331	48.331
104	2.500	8.202	-2.500	-8.202	29.840	0.302	35.250	1.012	7	6	7	6	5	117.733	0.476	0.376	0.100	3.204	1.679	9.529	15.998	6.385	10.572	78.196	1.028	29.365	0.034	0.034	75.532	2.763	76.532	2.177	18.235	46.034	36.027	-0.163	3.025	90.302	0.000	0.000	0.000	4.799	47.331	47.331
105	2.550	8.366	-2.550	-8.366	28.240	0.302	19.150	1.151	7	5	7	6	5	117.733	0.485	0.380	0.105	3.368	1.669	8.879	13.983	5.808	9.558	67.764	1.173	25.754	0.019	0.019	66.467	2.456	67.467	2.258	20.982	42.176	35.384	-0.163	3.262	84.938	0.000	0.000	0.000	4.195	41.371	41.371
106	2.600	8.530	-2.600	-8.530	23.465	0.303	56.880	1.291	6	5	6	6	5	114.551	0.495	0.385	0.110	3.532	1.659	8.992	14.920	5.566	8.764	59.746	1.319	22.970	0.071	0.072	55.415	2.078	56.415	2.329	23.600	38.808	34.622	-0.156	3.423	80.345	0.000	0.000	0.000	3.730	36.784	36.784
107	2.650	8.694	-2.650	-8.694	21.184	0.280	75.940	1.322	6	5	5	6	5	114.551	0.504	0.389	0.115	3.696	1.650	8.118	13.395	4.933	8.027	53.197	1.354	20.680	0.106	0.109	47.396	1.802	48.396	2.374	25.347	35.718	34.307	-0.143	3.594	76.157	0.000	0.000	0.000	3.349	33.025	33.025
108	2.700	8.858	-2.700	-8.858	18.700	0.266	102.560	1.422	6	5	5	5	5	114.551	0.514	0.393	0.120	3.861	1.641	7.166	11.760	4.487	7.261	46.275	1.463	18.187	0.165	0.169	38.436	1.485	39.346	2.439	28.036	31.987	33.685	-0.130	0.000	0.000	0.000	0.000	2.940	28.994	28.994	
109	2.750	9.022	-2.750	-9.022	17.654	0.248	114.340	1.405	6	5	5	5	5	114.551	0.523	0.397	0.126	4.025	1.632	6.765	11.042	4.275	6.882	43.119	1.448	17.131	0.195	0.201	34.452	1.349	35.452	2.459	28.893	30.181	33.384	-0.118	0.000	0.000	0.000	0.000	2.760	27.224	27.224	
110	2.800	9.186	-2.800	-9.186	18.334	0.263	132.020	1.434	6	5	5	5	5	114.551	0.532	0.402	0.131	4.189	1.624	7.026	11.406	4.426	7.087	44.331	1.477	17.802	0.218	0.224	34.395	1.362	35.395	2.453	28.606	31.112	33.540	-0.119	0.000	0.000	0.000	0.000	2.852	28.122	28.122	
111	2.850	9.350	-2.850	-9.350	17.956	0.287	127.510	1.598	6	5	5	5	5	114.551	0.542	0.406	0.136	4.353	1.615	6.881	11.112	4.410	7.023	42.910	1.648	17.414	0.214	0.221	33.437	1.339	34.437	2.489	30.194	30.363	33.415	-0.127	0.000	0.000	0.000	0.000	2.778	27.397	27.397	
112	2.900	9.514	-2.900	-9.514	18.284	0.296	95.220	1.619	6	5	5	5	5	114.551	0.551	0.410	0.141	4.517	1.607	7.007	11.256	4.488	7.110	43.240	1.669	17.733	0.155	0.160	36.337	1.467	37.337	2.488	30.133	30.732	33.476	-0.136	0.000	0.000	0.000	0.000	2.814	27.752	27.752	
113	2.950	9.678	-2.950	-9.678	18.585	0.485	98.440	2.613	5	4	5	5	4	114.551	0.561	0.415	0.146	4.681	1.598	8.892	12.412	4.787	8.026	43.447	2.694	18.004	0.158	0.163	36.385	1.484	37.385	2.590	34.851	31.019	33.524	-0.192	0.000	0.000	0.000	0.000	2.842	28.031	29.817	
114	3.000	9.842	-3.000	-9.842	16.296	0.379	81.060	2.326	5	5	5	5	4	114.551	0.570	0.419	0.151	4.845	1.590	7.806	12.411	4.232	7.094	37.563	2.410	15.726	0.146	0.151	31.881	1.319	32.881	2.603	35.524	0.000	32.877	-0.161	0.000	0.000	0.000	0.000	2.842	24.480	26.173	
115	3.050	10.006	-3.050	-10.006	18.425	0.323	12.070	1.753	6	5	6	6	5	114.551	0.579	0.423	0.156	5.010	1.582	7.061	11.170	4.573	7.134	42.196	1.810	17.846	0.012	0.012	41.674	1.729	42.674	2.511	31.172	30.511	33.439	-0.159	0.000	0.000	0.000	0.000	2.792	27.539	27.539	
116	3.100	10.170	-3.100	-10.170	16.335	0.346	48.880	2.118	5	5	5	5	5	114.551	0.589	0.427	0.161	5.174	1.574	7.825	12.316	4.189	7.022	36.859	2.197	15.747	0.084	0.087	33.665	1.419	34.665	2.578	34.297	0.000	32.840	-0.157	0.000	0.000	0.000	0.000	2.632	24.292	26.236	
117	3.150	10.335	-3.150	-10.335	18.291	0.270	46.650	1.476	6	5	6	6	5	114.551	0.598	0.436	0.167	5.338	1.566	7.009	10.978	4.461	6.890	41.005	1.526	17.693	0.071	0.073	38.017	1.613	39.017	2.474	29.543	30.015	33.357	-0.132	0.000	0.000	0.000	0.000	2.744	27.066	27.066	
118	3.200	10.499	-3.200	-10.499	16.627	0.288	36.420	1.732	6	5	6	6	5	114.551	0.608	0.432	0.172	5.502	1.559	6.372	9.930	4.206	6.465	36.763	1.798	16.020	0.058	0.060	34.548	1.484	35.548	2.551	33.000	0.000	32.877	-0.138	0.000	0.000	0.000	0.000	2.483	24.483	24.483	
119	3.250	10.663	-3.250	-10.663	15.472	0.492	14.760	3.180	5	4	6	6	4	114.551	0.617	0.440	0.177	5.666	1.551	7.411	11.494	4.025	9.168	33.759	3.312	14.855	0.018	0.019	33.114	1.438	34.114	2.607	35.712	0.000	32.510	-0.214	0.000	0.000	0.000	0.000	2.299	22.671	33.759	
120	3.300	10.827	-3.300	-10.827	13.997	0.369	30.020	2.636	5	4	5	6	4	114.551	0.626	0.444	0.182	5.830	1.543	6.705	10.348	3.903	6.375	30.094	2.760	13.371	0.054	0.056	28.395	1.251	29.395	2.692	40.013	0.000	32.009	-0.165	0.000	0.000	0.000	0.000	2.070	20.411	22.481	
121	3.350	10.991	-3.350	-10.991	18.260	0.301	35.230	1.648	6	5	6	6	5	114.551	0.636	0.449	0.187	5.994	1.536	6.997	10.748	4.529	6.861	39.289	1.708	17.624	0.050	0.052	37.254	1.644	38.254	2.510	31.121	0.000	33.256	-0.141	0.000	0.000	0.000	0.000	2.687	26.500	26.500	
122	3.400	11.155	-3.400	-11.155	20.946	0.288	53.850	1.375	6	5	6	6	5	114.551	0.645	0.453	0.192	6.158	1.529	8.027	12.271	4.973	7.498	44.829	1.419	20.301	0.071	0.073	41.541	1.846	42.541	2.416	27.085	33.207	33.889	-0.135	3.730	78.172	0.000	0.000	0.000	3.068	30.254	30.254
123	3.450	11.319	-3.450	-11.319	20.115	0.396	76.020	1.969	6	5	5	5	5	114.551	0.655	0.457	0.197	6.323	1.522	7.708	11.729	5.024	7.539	42.570	2.035	19.460	0.108	0.112	37.811	1.700	38.811	2.524	31.780	31.911	33.673	-0.161	0.000	0.000	0.000	0.000	2.932	28.917	28.917	
124	3.500	11.483	-3.500	-11.483	27.491	0.328	105.930	1.193	7	5	6	6	5	117.733	0.664	0.462	0.202	6.487	1.514	8.779	13.294	6.159	9.199	58.126	1.223	26.827	0.113	0.116	51.400	2.317	52.400	2.286	22.004	40.728	35.142	-0.142	3.316	91.196	0.000	0.000	0.000	3.988	39.333	39.333
125	3.550	11.647	-3.550	-11.647	45.605	0.481	34.490	1.055	7	6	8	6	5	117.733	0.674	0.466	0.208	6.651	1.507	14.563	21.947	9.367	13.921	96.405	1.071	44.932	0.019	0.019	94.540	4.266	95.540	2.076	15.088	55.096	37.537	-0.188	2.575	117.497	0.000	0.000	0.000	6.584	64.931	64.931
126	3.600	11.811	-3.600	-11.811	40.258	0.641	-13.080	1.592	7	5	8	6	5	117.733	0.683	0.471	0.213	6.815	1.500	12.856	19.280	8.813	13.034	84.093	1.620	39.575	-0.015	-0.016	85.413	3.896	86.413	2.232	20.074	51.383	36.918	-0.221	2.749	110.708	0.000	0.000	0.000	5.784	57.041	57.041
127	3.650	11.975	-3.650	-11.975	35.490	0.736	-11.140	2.074	6	5	7	6	5	114.551	0.693	0.475	0.218	6.979	1.493	13.600	20.381	8.178	12.039	73.256	2.115	34.798	-0.016	-0.016	74.446	3.433	75.446	2.350	24.424	47.636	36.294	-0.240	2.940	104.375	0.000	0.000	0.000	5.075	50.052	50.052
128	3.700	12.139	-3.700	-12.139	35.388	0.804	12.520	2.272	6	5	7	6	5	114.551	0.702	0.479	0.223	7.143	1.486	13.561	20.152	8.260	12.105	72.370	2.318	34.686	0.005	0.005	72.019	3.353	73.019	2.379	25.556	47.425	36.258	-0.249	2.951	104.468	0.000	0.000	0.000	5.038	49.685	49.685
129	3.750	12.303	-3.750	-12.303	35.229	0.862	-8.850	2.447	6	5	7	6	5	114.551	0.712	0.484	0.228	7.307	1.479	13.500	19.972	8.315	12.132	71.380	2.497	34.577	-0.015	-0.016	72.488	3.404	73.488	2.403	26.550	47.168	36.216	-0.262	2.964	104.475	0.000	0.000	0.000	4.993	49.241	49.241
130	3.800	12.467	-3.800	-12.467	32.423	0.707	-9.170	2.181	6	5	7	6	5	114.551	0.721	0.488	0.2																											

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	
205	7.550	24.770	-7.550	-24.770	19.087	0.188	345.470	0.985	6	5	3	3	4	114.551	1.439	0.822	0.617	19.782	1.135	7.314	8.304	4.697	5.259	21.491	1.065	17.648	0.533	0.576	9.111	0.795	10.111	2.493	30.386	0.000	32.023	0.035	0.000	0.000	0.000	0.000	0.000	0.000	2.076	20.472	20.472
206	7.600	24.934	-7.600	-24.934	18.686	0.198	348.570	1.060	6	5	3	3	4	114.551	1.448	0.826	0.622	19.946	1.132	7.160	8.108	4.655	5.198	20.883	1.149	17.238	0.549	0.595	8.456	0.748	9.456	2.519	31.529	0.000	31.909	0.038	0.000	0.000	0.000	0.000	0.000	2.027	19.991	19.991	
207	7.650	25.098	-7.650	-25.098	18.648	0.185	344.130	0.992	6	5	3	3	4	114.551	1.458	0.830	0.628	20.110	1.129	7.146	8.071	4.618	5.143	20.718	1.076	17.191	0.542	0.588	8.529	0.757	9.529	2.506	30.962	0.000	31.887	0.041	0.000	0.000	0.000	0.000	0.000	2.018	19.899	19.899	
208	7.700	25.262	-7.700	-25.262	18.566	0.199	337.360	1.072	6	5	3	3	4	114.551	1.467	0.834	0.633	20.274	1.127	7.111	8.010	4.639	5.154	20.490	1.164	17.090	0.533	0.579	8.623	0.769	9.623	2.526	31.874	0.000	31.851	0.035	0.000	0.000	0.000	0.000	0.000	2.003	19.749	19.749	
209	7.750	25.426	-7.750	-25.426	18.296	0.203	342.120	1.110	6	5	3	3	4	114.551	1.476	0.839	0.638	20.439	1.124	7.011	7.878	4.606	5.104	20.064	1.207	16.820	0.549	0.597	8.086	0.730	9.086	2.540	32.526	0.000	31.771	0.039	0.000	0.000	0.000	0.000	0.000	1.969	19.423	19.423	
210	7.800	25.590	-7.800	-25.590	18.719	0.224	337.780	1.197	6	5	3	3	4	114.551	1.486	0.843	0.643	20.603	1.121	7.173	8.039	4.733	5.232	20.453	1.300	17.233	0.529	0.575	8.703	0.783	9.703	2.550	32.951	0.000	31.868	0.027	0.000	0.000	0.000	0.000	0.000	2.010	19.821	19.821	
211	7.850	25.754	-7.850	-25.754	18.805	0.224	340.380	1.191	6	5	3	3	4	114.551	1.495	0.847	0.648	20.767	1.118	7.206	8.056	4.751	5.238	20.440	1.294	17.310	0.531	0.576	8.660	0.784	9.660	2.548	32.868	0.000	31.878	0.028	0.000	0.000	0.000	0.000	0.000	2.014	19.862	19.862	
212	7.900	25.918	-7.900	-25.918	18.939	0.205	353.910	1.082	6	5	3	3	4	114.551	1.505	0.851	0.653	20.931	1.115	7.258	8.093	4.731	5.203	20.485	1.176	17.435	0.549	0.596	8.273	0.756	9.273	2.525	31.796	0.000	31.900	0.038	0.000	0.000	0.000	0.000	0.000	2.023	19.954	19.954	
213	7.950	26.082	-7.950	-26.082	19.808	0.179	366.460	0.904	6	5	3	3	4	114.551	1.514	0.856	0.658	21.095	1.112	7.590	8.443	4.818	5.286	21.387	0.978	18.294	0.544	0.589	8.784	0.802	9.784	2.469	29.306	0.000	32.103	0.044	0.000	0.000	0.000	0.000	0.000	2.111	20.817	20.817	
214	8.000	26.246	-8.000	-26.246	21.684	0.231	359.380	1.065	6	5	4	3	4	114.551	1.523	0.860	0.663	21.259	1.110	8.309	9.220	5.279	5.776	23.451	1.146	20.161	0.487	0.524	11.174	1.003	12.174	2.470	29.374	0.000	32.523	0.011	0.000	0.000	0.000	0.000	0.000	0.000	2.305	22.731	22.731
215	8.050	26.410	-8.050	-26.410	22.892	0.258	322.270	1.127	6	5	4	3	5	114.551	1.533	0.864	0.669	21.423	1.107	8.772	9.709	5.554	6.063	24.723	1.208	21.360	0.410	0.440	13.853	1.229	14.853	2.463	29.063	0.000	32.770	-0.014	0.000	0.000	0.000	0.000	0.000	0.000	2.427	23.939	23.939
216	8.100	26.574	-8.100	-26.574	22.900	0.263	357.240	1.148	6	5	4	3	4	114.551	1.542	0.869	0.674	21.587	1.104	8.775	9.689	5.570	6.065	24.600	1.231	21.359	0.458	0.491	12.533	1.126	13.533	2.468	29.289	0.000	32.760	-0.005	0.000	0.000	0.000	0.000	0.000	0.000	2.422	23.888	23.888
217	8.150	26.739	-8.150	-26.739	22.092	0.257	327.120	1.163	6	5	4	3	4	114.551	1.552	0.873	0.679	21.752	1.101	8.466	9.324	5.418	5.886	23.543	1.251	20.541	0.431	0.464	12.618	1.138	13.618	2.486	30.068	0.000	32.577	-0.007	0.000	0.000	0.000	0.000	0.000	2.331	22.989	22.989	
218	8.200	26.903	-8.200	-26.903	20.993	0.264	336.890	1.258	6	5	4	3	4	114.551	1.561	0.877	0.684	21.916	1.099	8.045	8.839	5.245	5.683	22.164	1.359	19.433	0.468	0.506	10.950	1.004	11.950	2.525	31.807	0.000	32.321	0.001	0.000	0.000	0.000	0.000	0.000	2.210	21.792	21.792	
219	8.250	27.067	-8.250	-27.067	21.160	0.255	341.230	1.205	6	5	4	3	4	114.551	1.570	0.881	0.689	22.080	1.096	8.109	8.887	5.256	5.682	22.235	1.302	19.590	0.471	0.509	10.928	1.007	11.928	2.513	31.265	0.000	32.347	0.004	0.000	0.000	0.000	0.000	0.000	2.222	21.912	21.912	
220	8.300	27.231	-8.300	-27.231	20.799	0.244	357.090	1.173	6	5	4	3	4	114.551	1.580	0.886	0.694	22.244	1.093	7.970	8.715	5.170	5.575	21.709	1.270	19.220	0.503	0.544	9.903	0.925	10.903	2.514	31.332	0.000	32.254	0.016	0.000	0.000	0.000	0.000	0.000	2.179	21.486	21.486	
221	8.350	27.395	-8.350	-27.395	20.919	0.242	349.080	1.157	6	5	4	3	4	114.551	1.589	0.890	0.699	22.408	1.091	8.016	8.744	5.189	5.582	21.729	1.252	19.331	0.487	0.528	10.267	0.960	11.267	2.510	31.132	0.000	32.270	0.013	0.000	0.000	0.000	0.000	0.000	2.186	21.558	21.558	
222	8.400	27.559	-8.400	-27.559	20.122	0.234	325.570	1.163	6	5	4	3	4	114.551	1.599	0.894	0.704	22.572	1.088	7.711	8.391	5.033	5.401	20.724	1.263	18.524	0.470	0.511	10.143	0.954	11.143	2.527	31.919	0.000	32.073	0.014	0.000	0.000	0.000	0.000	0.000	2.098	20.687	20.687	
223	8.450	27.723	-8.450	-27.723	19.654	0.230	328.980	1.170	6	5	4	3	4	114.551	1.608	0.899	0.710	22.736	1.086	7.531	8.176	4.944	5.293	20.093	1.274	18.046	0.486	0.530	9.449	0.899	10.449	2.539	32.454	0.000	31.949	0.020	0.000	0.000	0.000	0.000	0.000	2.044	20.157	20.157	
224	8.500	27.887	-8.500	-27.887	19.198	0.242	334.440	1.261	6	4	4	3	4	114.551	1.617	0.903	0.715	22.901	1.083	7.357	7.967	4.893	5.226	19.482	1.376	17.581	0.507	0.553	8.706	0.839	9.706	2.566	33.725	0.000	31.825	0.023	0.000	0.000	0.000	0.000	0.000	1.992	19.643	19.643	
225	8.550	28.051	-8.550	-28.051	18.890	0.249	325.170	1.318	6	4	4	3	4	114.551	1.627	0.907	0.720	23.065	1.080	7.239	7.821	4.857	5.175	19.040	1.442	17.264	0.499	0.546	8.640	0.837	9.640	2.584	34.565	0.000	31.737	0.021	0.000	0.000	0.000	0.000	0.000	1.955	19.282	19.282	
226	8.600	28.215	-8.600	-28.215	18.758	0.255	320.020	1.359	6	4	4	3	4	114.551	1.636	0.911	0.725	23.229	1.078	7.188	7.748	4.864	5.087	18.795	1.489	17.122	0.494	0.541	8.626	0.840	9.626	2.600	35.381	0.000	31.692	0.019	0.000	0.000	0.000	0.000	0.000	1.937	19.103	19.103	
227	8.650	28.379	-8.650	-28.379	18.164	0.254	317.790	1.398	6	4	3	3	4	114.551	1.646	0.916	0.730	23.393	1.075	6.960	7.485	4.763	4.940	18.048	1.538	16.519	0.506	0.556	8.808	0.790	9.008	2.623	36.481	0.000	31.527	0.025	0.000	0.000	0.000	0.000	0.000	1.871	19.454	18.048	
228	8.700	28.543	-8.700	-28.543	18.575	0.250	327.600	1.346	6	4	3	3	4	114.551	1.655	0.920	0.735	23.557	1.073	7.118	7.637	4.831	4.995	18.402	1.477	16.921	0.511	0.561	8.080	0.800	9.080	2.606	35.672	0.000	31.623	0.026	0.000	0.000	0.000	0.000	0.000	1.909	18.828	18.402	
229	8.750	28.707	-8.750	-28.707	18.710	0.233	344.460	1.245	6	4	3	3	4	114.551	1.664	0.924	0.740	23.721	1.070	7.170	7.675	4.798	5.065	18.453	1.367	17.047	0.535	0.587	7.615	0.762	8.615	2.578	34.306	0.000	31.647	0.037	0.000	0.000	0.000	0.000	0.000	1.919	18.922	18.922	
230	8.800	28.871	-8.800	-28.871	18.503	0.222	343.350	1.200	6	4	3	3	4	114.551	1.674	0.928	0.745	23.885	1.068	7.091	7.572	4.738	4.990	18.135	1.319	16.830	0.539	0.593	7.390	0.746	8.390	2.575	34.157	0.000	31.582	0.042	0.000	0.000	0.000	0.000	0.000	1.893	18.669	18.669	
231	8.850	29.035	-8.850	-29.035	18.691	0.221	347.830	1.182	6	4	3	3	4	114.551	1.683	0.933	0.750	24.050	1.065	7.163	7.632	4.771	5.013	18.233	1.299	17.009	0.541	0.594	7.403	0.751	8.403	2.569	33.856	0.000	31.620	0.043	0.000	0.000	0.000	0.000	0.000	1.908	18.815	18.815	
232																																													

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR		
307	12.650	41.502	-12.650	-41.502	24.588	0.165	459.450	0.671	7	5	4	3	4	117.733	2.403	1.263	1.140	36.524	0.916	7.852	7.189	5.806	5.242	17.572	0.744	22.186	0.537	0.595	7.116	0.982	8.116	2.404	26.584	0.000	32.205	0.081	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.157	21.270	21.270
308	12.700	41.666	-12.700	-41.666	24.426	0.183	446.310	0.749	7	5	4	3	4	117.733	2.413	1.268	1.145	36.688	0.914	7.800	7.129	5.835	5.260	17.374	0.831	22.015	0.523	0.581	7.283	1.005	8.283	2.430	27.642	0.000	32.165	0.072	0.000	0.000	0.000	0.000	0.000	0.000	2.139	21.092	21.092	
309	12.750	41.830	-12.750	-41.830	24.577	0.203	451.240	0.826	7	5	4	3	4	117.733	2.422	1.272	1.150	36.852	0.912	7.848	7.160	5.922	5.328	17.423	0.916	22.156	0.526	0.584	7.251	1.005	8.251	2.448	28.422	0.000	32.186	0.066	0.000	0.000	0.000	0.000	0.000	0.000	2.148	21.184	21.184	
310	12.800	41.994	-12.800	-41.994	24.483	0.216	449.000	0.882	7	5	4	3	4	117.733	2.432	1.277	1.155	37.017	0.911	7.818	7.120	5.944	5.338	17.280	0.979	22.052	0.525	0.583	7.203	1.003	8.203	2.464	29.121	0.000	32.159	0.063	0.000	0.000	0.000	0.000	0.000	0.000	2.136	21.066	21.066	
311	12.850	42.158	-12.850	-42.158	24.621	0.229	463.130	0.930	7	5	4	3	4	117.733	2.442	1.281	1.160	37.181	0.909	7.862	7.148	6.005	5.384	17.319	1.032	22.181	0.540	0.599	6.937	0.974	7.937	2.474	29.549	0.000	32.178	0.063	0.000	0.000	0.000	0.000	0.000	0.000	2.144	21.147	21.147	
312	12.900	42.322	-12.900	-42.322	24.656	0.230	468.730	0.933	7	5	4	3	4	117.733	2.451	1.286	1.165	37.345	0.907	7.874	7.145	6.016	5.384	17.278	1.036	22.206	0.546	0.606	6.800	0.960	7.800	2.475	29.586	0.000	32.176	0.065	0.000	0.000	0.000	0.000	0.000	0.000	2.144	21.140	21.140	
313	12.950	42.486	-12.950	-42.486	24.798	0.214	465.800	0.863	7	5	4	3	4	117.733	2.461	1.290	1.171	37.509	0.906	7.919	7.174	5.999	5.359	17.319	0.958	22.338	0.539	0.598	6.954	0.983	7.954	2.457	28.795	0.000	32.195	0.068	0.000	0.000	0.000	0.000	0.000	0.000	2.152	21.224	21.224	
314	13.000	42.650	-13.000	-42.650	24.957	0.235	467.300	0.942	7	5	4	3	4	117.733	2.470	1.295	1.176	37.673	0.904	7.970	7.207	6.086	5.427	17.374	1.045	22.488	0.537	0.596	7.013	0.994	8.013	2.474	29.528	0.000	32.217	0.061	0.000	0.000	0.000	0.000	0.000	0.000	2.162	21.323	21.323	
315	13.050	42.814	-13.050	-42.814	26.833	0.236	476.210	0.880	7	5	4	3	4	117.733	2.480	1.299	1.181	37.837	0.903	8.569	7.735	6.413	5.710	18.750	0.969	24.354	0.510	0.562	8.215	1.147	9.215	2.431	27.689	0.000	32.555	0.051	0.000	0.000	0.000	0.000	0.000	0.000	2.321	22.885	22.885	
316	13.100	42.978	-13.100	-42.978	26.213	0.245	482.600	0.935	7	5	4	3	4	117.733	2.490	1.304	1.186	38.001	0.901	8.371	7.543	6.333	5.628	18.202	1.033	23.724	0.529	0.585	7.554	1.068	8.554	2.454	28.676	0.000	32.435	0.055	0.000	0.000	0.000	0.000	0.000	0.000	2.263	22.317	22.317	
317	13.150	43.143	-13.150	-43.143	25.808	0.243	483.480	0.942	7	5	4	3	4	117.733	2.499	1.308	1.191	38.165	0.900	8.241	7.414	6.260	5.554	17.822	1.042	23.310	0.539	0.596	7.194	1.027	8.194	2.463	29.044	0.000	32.352	0.059	0.000	0.000	0.000	0.000	0.000	0.000	2.224	21.935	21.935	
318	13.200	43.307	-13.200	-43.307	26.019	0.239	494.820	0.919	7	5	4	3	4	117.733	2.509	1.313	1.196	38.330	0.898	8.309	7.462	6.288	5.569	17.914	1.017	23.511	0.548	0.606	7.057	1.013	8.057	2.455	28.704	0.000	32.383	0.062	0.000	0.000	0.000	0.000	0.000	0.000	2.238	22.076	22.076	
319	13.250	43.471	-13.250	-43.471	25.637	0.236	496.050	0.921	7	5	4	3	4	117.733	2.519	1.318	1.201	38.494	0.896	8.187	7.339	6.216	5.496	17.554	1.021	23.119	0.557	0.618	6.709	0.973	7.709	2.462	29.010	0.000	32.304	0.067	0.000	0.000	0.000	0.000	0.000	0.000	2.202	21.714	21.714	
320	13.300	43.635	-13.300	-43.635	26.538	0.236	496.320	0.889	7	5	4	3	4	117.733	2.528	1.322	1.206	38.658	0.895	8.475	7.584	6.374	5.626	18.169	0.983	24.011	0.538	0.595	7.359	1.058	8.359	2.441	28.131	0.000	32.461	0.061	0.000	0.000	0.000	0.000	0.000	0.000	2.275	22.439	22.439	
321	13.350	43.799	-13.350	-43.799	26.610	0.250	485.440	0.939	7	5	4	3	4	117.733	2.538	1.327	1.211	38.822	0.893	8.498	7.592	6.426	5.662	18.154	1.038	24.073	0.524	0.579	7.641	1.098	8.641	2.453	28.625	0.000	32.466	0.054	0.000	0.000	0.000	0.000	0.000	0.000	2.278	22.461	22.461	
322	13.400	43.963	-13.400	-43.963	26.756	0.259	489.460	0.968	7	5	4	3	4	117.733	2.548	1.331	1.217	38.986	0.892	8.544	7.620	6.476	5.696	18.194	1.070	24.209	0.526	0.581	7.626	1.100	8.626	2.458	28.845	0.000	32.484	0.052	0.000	0.000	0.000	0.000	0.000	0.000	2.286	22.545	22.545	
323	13.450	44.127	-13.450	-44.127	26.710	0.236	488.560	0.884	7	5	4	3	4	117.733	2.557	1.336	1.222	39.150	0.890	8.529	7.594	6.410	5.628	18.091	0.977	24.154	0.525	0.581	7.584	1.098	8.584	2.440	28.056	0.000	32.467	0.058	0.000	0.000	0.000	0.000	0.000	0.000	2.278	22.469	22.469	
324	13.500	44.291	-13.500	-44.291	26.844	0.237	494.030	0.883	7	5	4	3	4	117.733	2.567	1.340	1.227	39.314	0.889	8.572	7.620	6.438	5.643	18.122	0.977	24.278	0.529	0.585	7.527	1.094	8.527	2.438	27.995	0.000	32.483	0.059	0.000	0.000	0.000	0.000	0.000	0.000	2.286	22.543	22.543	
325	13.550	44.455	-13.550	-44.455	27.349	0.245	494.790	0.896	7	5	4	3	4	117.733	2.577	1.345	1.232	39.479	0.887	8.733	7.750	6.548	5.730	18.430	0.989	24.773	0.520	0.574	7.856	1.140	8.856	2.435	27.844	0.000	32.564	0.054	0.000	0.000	0.000	0.000	0.000	0.000	2.325	22.928	22.928	
326	13.600	44.619	-13.600	-44.619	27.192	0.248	496.880	0.912	7	5	4	3	4	117.733	2.586	1.349	1.237	39.643	0.886	8.683	7.692	6.531	5.706	18.244	1.008	24.607	0.525	0.580	7.662	1.119	8.662	2.441	28.136	0.000	32.529	0.055	0.000	0.000	0.000	0.000	0.000	0.000	2.308	22.758	22.758	
327	13.650	44.783	-13.650	-44.783	27.488	0.236	505.900	0.859	7	5	4	3	4	117.733	2.596	1.354	1.242	39.807	0.884	8.772	7.757	6.548	5.711	18.380	0.949	24.873	0.530	0.585	7.629	1.119	8.629	2.425	27.454	0.000	32.569	0.059	0.000	0.000	0.000	0.000	0.000	0.000	2.327	22.951	22.951	
328	13.700	44.947	-13.700	-44.947	28.086	0.244	508.750	0.869	7	5	4	3	4	117.733	2.606	1.358	1.247	39.971	0.883	8.969	7.919	6.678	5.815	18.766	0.958	25.481	0.521	0.574	7.990	1.169	8.990	2.419	27.213	0.000	32.667	0.054	0.000	0.000	0.000	0.000	0.000	0.000	2.376	23.428	23.428	
329	13.750	45.111	-13.750	-45.111	29.031	0.240	509.610	0.859	7	5	4	3	4	117.733	2.615	1.363	1.252	40.135	0.881	8.919	7.862	6.643	5.774	18.583	0.948	25.317	0.525	0.579	7.826	1.152	8.826	2.420	27.236	0.000	32.633	0.057	0.000	0.000	0.000	0.000	0.000	0.000	2.359	23.260	23.260	
330	13.800	45.275	-13.800	-45.275	28.119	0.248	515.700	0.882	7	5	4	3	4	117.733	2.625	1.367	1.258	40.299	0.880	8.979	7.902	6.699	5.813	18.652	0.973	25.495	0.528	0.582	7.796	1.152	8.796	2.424	27.388	0.000	32.657	0.056	0.000	0.000	0.000	0.000	0.000	0.000	2.371	23.378	23.378	
331	13.850	45.439	-13.850	-45.439	28.856	0.239	511.900	0.828	7	5	4	3	4	117.733	2.635	1.372	1.263	40.463	0.879	9.215	8.095	6.802	5.893	19.120	0.911	26.222	0.510	0.561	8.390	1.234	9.390	2.401	26.434	0.000	32.772	0.053	0.000	0.000	0.000	0.000	0.000	0.000	2.429	23.950	23.950	
332	13.900	45.603	-13.900	-45.603	28.440	0.234	514.150	0.823	7	5	4	3	4	117.733	2.644	1.377	1.268	40.628	0.877	9.082	7.965	6.719	5.812	18.748	0.907	25.796	0.520	0.573	8.006	1.187	9.006	2.406	26.643	0.000	32.695	0.058	0.000	0.000	0.000	0.000	0.000	0.000	2.390	23.566	23.566	
333	13.950	45.767	-13.950	-45.767	28.425	0.200	516.590	0.704	7	5	4	3	5	117.733	2.654	1.381	1.273	40.792	0.876																											

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR		
409	17.750	58.234	-17.750	-58.234	25.686	0.197	503.880	0.767	7	4	4	3	1	117.733	3.388	1.726	1.662	53.266	0.783	8.202	6.425	6.764	3.553	12.925	0.883	22.299	0.548	0.631	4.772	0.954	5.772	2.631	36.897	0.000	31.668	0.108	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.927	19.008	12.925
410	17.800	58.398	-17.800	-58.398	26.314	0.192	505.170	0.730	7	4	4	3	1	117.733	3.398	1.730	1.667	53.430	0.782	8.403	6.573	6.860	3.605	13.249	0.838	22.917	0.536	0.615	5.097	1.010	6.097	2.611	35.913	0.000	31.777	0.105	0.000	0.000	0.000	0.000	0.000	0.000	1.972	19.447	13.249	
411	17.850	58.562	-17.850	-58.562	26.417	0.198	507.240	0.750	7	4	4	3	1	117.733	3.407	1.735	1.672	53.594	0.781	8.436	6.590	6.903	3.619	13.268	0.860	23.011	0.536	0.615	5.103	1.014	6.103	2.616	36.137	0.000	31.790	0.103	0.000	0.000	0.000	0.000	0.000	0.000	1.977	19.498	13.268	
412	17.900	58.726	-17.900	-58.726	27.153	0.214	513.100	0.788	7	4	4	3	4	117.733	3.417	1.740	1.678	53.759	0.780	8.671	6.765	7.088	3.720	13.652	0.902	23.377	0.528	0.604	5.405	1.067	6.405	2.614	36.035	0.000	31.915	0.095	0.000	0.000	0.000	0.000	0.000	0.000	2.030	20.015	13.652	
413	17.950	58.890	-17.950	-58.890	27.524	0.211	524.530	0.767	7	4	4	3	4	117.733	3.427	1.744	1.683	53.923	0.779	8.879	6.849	7.147	3.747	13.824	0.876	24.099	0.534	0.610	5.397	1.068	6.397	2.603	35.516	0.000	31.974	0.097	0.000	0.000	0.000	0.000	0.000	0.000	2.055	20.263	13.824	
414	18.000	59.054	-18.000	-59.054	27.870	0.260	544.680	0.933	7	4	4	3	4	117.733	3.436	1.749	1.688	54.087	0.778	8.900	6.926	7.364	3.856	13.980	1.064	24.435	0.549	0.627	5.218	1.041	6.218	2.638	37.235	0.000	32.027	0.088	0.000	0.000	0.000	0.000	0.000	0.000	2.078	20.490	13.980	
415	18.050	59.218	-18.050	-59.218	29.953	0.258	503.540	0.861	7	4	4	3	4	117.733	3.446	1.753	1.693	54.251	0.777	9.565	7.434	7.212	5.528	15.127	0.973	26.509	0.468	0.529	7.124	1.364	8.124	2.447	28.363	0.000	32.365	0.064	0.000	0.000	0.000	0.000	0.000	0.000	2.230	21.993	21.993	
416	18.100	59.382	-18.100	-59.382	29.646	0.268	555.230	0.904	7	4	4	3	4	117.733	3.456	1.758	1.698	54.415	0.776	9.467	7.348	7.705	4.044	14.908	1.023	26.192	0.527	0.597	6.010	1.180	7.010	2.605	35.612	0.000	32.310	0.077	0.000	0.000	0.000	0.000	0.000	0.000	2.204	21.740	14.908	
417	18.150	59.547	-18.150	-59.547	30.073	0.264	580.310	0.878	7	4	4	3	4	117.733	3.465	1.762	1.703	54.579	0.775	9.603	7.444	7.253	5.545	15.906	0.992	26.609	0.546	0.617	5.789	1.146	6.789	2.450	28.516	0.000	32.372	0.083	0.000	0.000	0.000	0.000	0.000	0.000	2.233	22.024	22.024	
418	18.200	59.711	-18.200	-59.711	31.372	0.268	594.610	0.854	7	5	4	3	4	117.733	3.475	1.767	1.708	54.743	0.774	10.018	7.756	7.488	5.717	15.797	0.961	27.898	0.537	0.604	6.255	1.227	7.255	2.428	27.568	0.000	32.568	0.077	0.000	0.000	0.000	0.000	0.000	0.000	2.327	22.946	22.946	
419	18.250	59.875	-18.250	-59.875	31.885	0.274	601.540	0.859	7	5	4	3	4	117.733	3.485	1.771	1.713	54.908	0.773	10.182	7.873	7.594	5.791	16.041	0.965	28.402	0.535	0.601	6.404	1.256	7.404	2.423	27.371	0.000	32.639	0.075	0.000	0.000	0.000	0.000	0.000	0.000	2.362	23.292	23.292	
420	18.300	60.039	-18.300	-60.039	32.286	0.295	609.610	0.914	7	5	4	3	4	117.733	3.494	1.776	1.719	55.072	0.772	10.310	7.961	7.721	5.880	16.221	1.025	28.793	0.536	0.601	6.469	1.270	7.469	2.432	27.744	0.000	32.693	0.070	0.000	0.000	0.000	0.000	0.000	0.000	2.388	23.554	23.554	
421	18.350	60.203	-18.350	-60.203	32.971	0.296	623.210	0.898	7	5	4	3	4	117.733	3.504	1.780	1.724	55.236	0.771	10.529	8.120	7.843	5.965	16.559	1.004	29.468	0.538	0.602	6.596	1.295	7.596	2.420	27.253	0.000	32.787	0.070	0.000	0.000	0.000	0.000	0.000	0.000	2.436	24.023	24.023	
422	18.400	60.367	-18.400	-60.367	33.425	0.284	639.970	0.850	7	5	4	3	4	117.733	3.514	1.785	1.729	55.400	0.770	10.674	8.221	7.889	5.993	16.766	1.049	29.913	0.546	0.610	6.538	1.288	7.538	2.404	26.554	0.000	32.846	0.074	0.000	0.000	0.000	0.000	0.000	0.000	2.466	24.323	24.323	
423	18.450	60.531	-18.450	-60.531	33.737	0.291	646.650	0.863	7	5	4	3	4	117.733	3.523	1.789	1.734	55.564	0.769	10.773	8.287	7.963	6.041	16.892	0.963	30.215	0.547	0.611	6.577	1.298	7.577	2.404	26.558	0.000	32.885	0.072	0.000	0.000	0.000	0.000	0.000	0.000	2.486	24.519	24.519	
424	18.500	60.695	-18.500	-60.695	34.295	0.300	644.750	0.875	7	5	4	3	4	117.733	3.533	1.794	1.739	55.728	0.768	10.952	8.414	8.084	6.125	17.155	0.975	30.763	0.536	0.598	6.902	1.357	7.902	2.401	26.437	0.000	32.957	0.067	0.000	0.000	0.000	0.000	0.000	0.000	2.524	24.893	24.893	
425	18.550	60.859	-18.550	-60.859	34.447	0.299	648.290	0.868	7	5	4	3	4	117.733	3.543	1.798	1.744	55.892	0.767	11.000	8.440	8.109	6.136	17.191	0.967	30.906	0.537	0.598	6.905	1.361	7.905	2.398	26.318	0.000	32.972	0.068	0.000	0.000	0.000	0.000	0.000	0.000	2.532	24.972	24.972	
426	18.600	61.023	-18.600	-61.023	34.636	0.292	654.590	0.843	7	5	4	3	4	117.733	3.552	1.803	1.749	56.057	0.766	11.061	8.476	8.124	6.140	17.248	0.939	31.086	0.539	0.601	6.881	1.361	7.881	2.390	25.993	0.000	32.992	0.070	0.000	0.000	0.000	0.000	0.000	0.000	2.543	25.078	25.078	
427	18.650	61.187	-18.650	-61.187	34.888	0.280	664.470	0.803	7	5	4	3	4	117.733	3.562	1.808	1.754	56.221	0.765	11.141	8.527	8.136	6.141	17.338	0.894	31.328	0.544	0.606	6.830	1.355	7.830	2.377	25.473	0.000	33.021	0.074	0.000	0.000	0.000	0.000	0.000	0.000	2.558	25.228	25.228	
428	18.700	61.351	-18.700	-61.351	34.898	0.269	669.300	0.771	7	5	4	3	4	117.733	3.572	1.812	1.760	56.385	0.764	11.144	8.519	8.108	6.113	17.295	0.859	31.328	0.548	0.611	6.733	1.342	7.733	2.369	25.148	0.000	33.016	0.077	0.000	0.000	0.000	0.000	0.000	0.000	2.556	25.204	25.204	
429	18.750	61.515	-18.750	-61.515	34.993	0.281	670.010	0.803	7	5	4	3	4	117.733	3.581	1.817	1.765	56.549	0.763	11.174	8.531	8.160	6.144	17.299	0.895	31.413	0.547	0.610	6.753	1.349	7.753	2.377	25.473	0.000	33.023	0.075	0.000	0.000	0.000	0.000	0.000	0.000	2.559	25.240	25.240	
430	18.800	61.679	-18.800	-61.679	34.737	0.270	661.050	0.777	7	5	4	3	4	117.733	3.591	1.821	1.770	56.713	0.763	11.093	8.458	8.088	6.082	17.110	0.867	31.147	0.543	0.606	6.747	1.351	7.747	2.373	25.335	0.000	32.982	0.077	0.000	0.000	0.000	0.000	0.000	0.000	2.537	25.025	25.025	
431	18.850	61.843	-18.850	-61.843	34.334	0.252	655.770	0.734	7	5	4	3	4	117.733	3.601	1.826	1.775	56.877	0.762	10.964	8.350	7.970	5.986	16.841	0.820	30.735	0.544	0.608	6.597	1.328	7.597	2.367	25.067	0.000	32.920	0.082	0.000	0.000	0.000	0.000	0.000	0.000	2.505	24.703	24.703	
432	18.900	62.007	-18.900	-62.007	34.288	0.247	661.260	0.720	7	5	4	3	4	117.733	3.610	1.830	1.780	57.041	0.761	10.949	8.328	7.949	5.963	16.769	0.805	30.679	0.550	0.615	6.460	1.307	7.460	2.364	24.956	0.000	32.908	0.085	0.000	0.000	0.000	0.000	0.000	0.000	2.498	24.640	24.640	
433	18.950	62.171	-18.950	-62.171	33.429	0.207	653.380	0.619	7	5	4	3	1	117.733	3.620	1.835	1.785	57.206	0.760	10.675	8.110	7.683	5.756	16.254	0.694	29.810	0.557	0.624	6.107	1.249	7.107	2.344	24.190	0.000	32.781	0.100	0.000	0.000	0.000	0.000	0.000	0.000	2.433	23.993	23.993	
434	19.000	62.335	-19.000	-62.335	32.639	0.264	645.430	0.809	7	5	4	3	4	117.733	3.630	1.839	1.790	57.370	0.759	10.423	7.908	7.724	5.779	15.779	0.910	29.011	0.562	0.633	5.795	1.197	6.795	2.409	26.783	0.000	32.661	0.088	0.000	0.000	0.000	0.000	0.000	0.000	2.372	23.397	23.397	
435	19.050	62.499	-19.050	-62.499	35.090	0.266	551.090	0.758	7	5	4	3	5	117.733	3.639	1.844	1.795	57																												

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AO	AR		
511	22.850	74.966	-22.850	-74.966	35.092	0.313	665.040	0.892	7	4	4	3	4	117.733	4.373	2.189	2.185	70.008	0.696	11.206	7.794	9.222	3.852	14.041	1.019	30.720	0.529	0.605	5.551	1.373	6.551	2.627	36.706	0.000	32.591	0.085	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.338	23.060	14.041
512	22.900	75.130	-22.900	-75.130	35.409	0.313	677.470	0.884	7	4	4	3	4	117.733	4.383	2.193	2.190	70.172	0.695	11.307	7.857	9.282	3.873	14.153	1.009	31.028	0.535	0.611	5.506	1.366	6.506	2.622	36.454	0.000	32.630	0.086	0.000	0.000	0.000	0.000	0.000	0.000	2.357	23.245	14.153	
513	22.950	75.294	-22.950	-75.294	36.032	0.358	677.880	0.994	7	4	4	3	4	117.733	4.393	2.198	2.195	70.337	0.694	11.506	7.987	9.527	3.975	14.403	1.131	31.641	0.526	0.599	5.770	1.425	6.770	2.639	37.304	0.000	32.708	0.075	0.000	0.000	0.000	0.000	0.000	0.000	2.396	23.629	14.403	
514	23.000	75.458	-23.000	-75.458	35.603	0.393	676.490	1.104	7	4	4	3	4	117.733	4.402	2.202	2.200	70.501	0.693	11.369	7.883	9.554	3.970	14.174	1.260	31.203	0.531	0.606	5.581	1.388	6.581	2.668	38.778	0.000	32.646	0.072	0.000	0.000	0.000	0.000	0.000	0.000	2.365	23.324	14.174	
515	23.050	75.622	-23.050	-75.622	36.612	0.393	628.190	1.073	7	4	4	3	4	117.733	4.412	2.207	2.205	70.665	0.693	11.691	8.098	9.735	4.052	14.598	1.220	32.201	0.475	0.540	6.708	1.629	7.708	2.650	37.860	0.000	32.774	0.056	0.000	0.000	0.000	0.000	0.000	0.000	2.430	23.960	14.598	
516	23.100	75.786	-23.100	-75.786	35.958	0.377	658.000	1.048	7	4	4	3	4	117.733	4.422	2.211	2.210	70.829	0.692	11.482	7.946	9.582	3.969	14.267	1.195	31.538	0.510	0.581	5.975	1.477	6.975	2.654	38.076	0.000	32.683	0.069	0.000	0.000	0.000	0.000	0.000	0.000	2.384	23.508	14.267	
517	23.150	75.951	-23.150	-75.951	35.447	0.338	673.980	0.954	7	4	4	3	4	117.733	4.431	2.216	2.215	70.993	0.691	11.320	7.825	9.386	3.871	14.003	1.090	31.018	0.531	0.607	5.506	1.380	6.506	2.642	37.450	0.000	32.610	0.082	0.000	0.000	0.000	0.000	0.000	0.000	2.347	23.150	14.003	
518	23.200	76.115	-23.200	-76.115	35.708	0.346	688.470	0.969	7	4	4	3	4	117.733	4.441	2.220	2.221	71.157	0.691	11.403	7.874	9.460	3.896	14.088	1.107	31.269	0.540	0.616	5.406	1.362	6.406	2.643	37.495	0.000	32.640	0.083	0.000	0.000	0.000	0.000	0.000	0.000	2.362	23.297	14.088	
519	23.250	76.279	-23.250	-76.279	35.926	0.334	688.230	0.930	7	4	4	3	4	117.733	4.451	2.225	2.226	71.321	0.690	11.473	7.914	9.467	3.893	14.153	1.061	31.478	0.536	0.612	5.494	1.384	6.494	2.633	36.969	0.000	32.665	0.084	0.000	0.000	0.000	0.000	0.000	0.000	2.374	23.415	14.153	
520	23.300	76.443	-23.300	-76.443	35.609	0.327	682.190	0.918	7	4	4	3	4	117.733	4.460	2.230	2.231	71.486	0.689	11.371	7.836	9.396	3.850	13.977	1.050	31.150	0.535	0.612	5.423	1.371	6.423	2.635	37.099	0.000	32.617	0.086	0.000	0.000	0.000	0.000	0.000	0.000	2.351	23.185	13.977	
521	23.350	76.607	-23.350	-76.607	36.202	0.332	687.580	0.917	7	4	4	3	4	117.733	4.470	2.234	2.236	71.650	0.688	11.561	7.959	9.518	3.900	14.210	1.046	31.734	0.531	0.606	5.601	1.412	6.601	2.628	36.746	0.000	32.691	0.083	0.000	0.000	0.000	0.000	0.000	0.000	2.388	23.547	14.210	
522	23.400	76.771	-23.400	-76.771	36.600	0.341	691.940	0.932	7	4	4	3	4	117.733	4.480	2.239	2.241	71.814	0.688	11.687	8.038	9.618	3.938	14.355	1.062	32.122	0.529	0.603	5.704	1.437	6.704	2.627	36.703	0.000	32.739	0.080	0.000	0.000	0.000	0.000	0.000	0.000	2.411	23.782	14.355	
523	23.450	76.935	-23.450	-76.935	36.825	0.357	699.260	0.969	7	4	4	3	4	117.733	4.489	2.243	2.246	71.978	0.687	11.760	8.080	9.709	3.969	14.422	1.104	32.338	0.532	0.606	5.689	1.437	6.689	2.634	37.020	0.000	32.763	0.078	0.000	0.000	0.000	0.000	0.000	0.000	2.424	23.904	14.422	
524	23.500	77.099	-23.500	-77.099	36.098	0.342	699.690	0.947	7	4	4	3	4	117.733	4.499	2.248	2.251	72.142	0.686	11.527	7.912	9.544	3.882	14.065	1.082	31.601	0.543	0.620	5.346	1.366	6.346	2.639	37.294	0.000	32.663	0.085	0.000	0.000	0.000	0.000	0.000	0.000	2.474	23.408	14.065	
525	23.550	77.263	-23.550	-77.263	36.221	0.341	711.430	0.941	7	4	4	3	4	117.733	4.509	2.252	2.256	72.306	0.686	11.567	7.931	9.567	3.884	14.087	1.075	31.714	0.551	0.629	5.225	1.343	6.225	2.637	37.196	0.000	32.675	0.088	0.000	0.000	0.000	0.000	0.000	0.000	2.379	23.464	14.087	
526	23.600	77.427	-23.600	-77.427	36.097	0.334	713.910	0.925	7	4	4	3	4	117.733	4.518	2.257	2.262	72.407	0.685	11.527	7.896	9.529	3.858	13.999	1.058	31.580	0.555	0.634	5.123	1.323	6.123	2.636	37.146	0.000	32.653	0.091	0.000	0.000	0.000	0.000	0.000	0.000	2.369	23.360	13.999	
527	23.650	77.591	-23.650	-77.591	35.761	0.323	708.170	0.903	7	4	4	3	4	117.733	4.528	2.261	2.267	72.635	0.684	11.420	7.814	9.442	3.809	13.818	1.034	31.235	0.555	0.635	5.042	1.308	6.042	2.636	37.165	0.000	32.604	0.093	0.000	0.000	0.000	0.000	0.000	0.000	2.344	23.120	13.818	
528	23.700	77.755	-23.700	-77.755	35.937	0.315	713.910	0.877	7	4	4	3	4	117.733	4.538	2.266	2.272	72.799	0.684	11.476	7.845	9.453	3.807	13.864	1.003	31.401	0.557	0.637	5.028	1.308	6.028	2.629	36.793	0.000	32.622	0.095	0.000	0.000	0.000	0.000	0.000	0.000	2.354	23.210	13.864	
529	23.750	77.919	-23.750	-77.919	35.717	0.307	718.680	0.860	7	4	4	3	4	117.733	4.547	2.270	2.277	72.963	0.683	11.405	7.789	9.394	3.771	13.735	0.985	31.171	0.564	0.647	4.853	1.273	5.853	2.629	36.788	0.000	32.588	0.100	0.000	0.000	0.000	0.000	0.000	0.000	2.337	23.045	13.735	
530	23.800	78.083	-23.800	-78.083	35.868	0.295	722.140	0.822	7	4	4	3	1	117.733	4.557	2.275	2.282	73.127	0.682	11.454	7.814	9.388	3.762	13.770	0.942	31.313	0.565	0.647	4.861	1.277	5.861	2.619	36.298	0.000	32.604	0.102	0.000	0.000	0.000	0.000	0.000	0.000	2.344	23.120	13.770	
531	23.850	78.247	-23.850	-78.247	36.183	0.281	727.680	0.777	7	4	4	3	1	117.733	4.567	2.279	2.287	73.291	0.682	11.554	7.875	9.401	3.764	13.877	0.889	31.618	0.565	0.646	4.911	1.290	5.911	2.605	35.586	0.000	32.641	0.105	0.000	0.000	0.000	0.000	0.000	0.000	2.363	23.299	13.877	
532	23.900	78.411	-23.900	-78.411	36.204	0.269	729.520	0.743	7	4	4	3	1	117.733	4.576	2.284	2.292	73.455	0.681	11.561	7.872	8.519	3.720	13.854	0.850	31.630	0.566	0.647	4.884	1.287	5.884	2.397	26.272	0.000	32.639	0.108	0.000	0.000	0.000	0.000	0.000	0.000	2.362	23.290	23.290	
533	23.950	78.575	-23.950	-78.575	35.208	0.230	710.970	0.653	7	5	4	3	1	117.733	4.586	2.289	2.297	73.619	0.680	11.243	7.648	8.231	3.521	13.387	0.751	30.624	0.565	0.650	4.690	1.247	5.690	2.382	25.695	0.000	32.501	0.119	0.000	0.000	0.000	0.000	0.000	0.000	2.294	22.627	22.627	
534	24.000	78.739	-24.000	-78.739	35.248	0.310	720.490	0.879	7	4	4	3	4	117.733	4.596	2.293	2.303	73.784	0.680	11.256	7.649	9.345	3.701	13.374	1.011	30.654	0.573	0.659	4.566	1.222	5.566	2.645	37.573	0.000	32.501	0.104	0.000	0.000	0.000	0.000	0.000	0.000	2.295	22.630	13.374	
535	24.050	78.903	-24.050	-78.903	36.820	0.287	695.430	0.779	7	4	4	3	4	117.733	4.605	2.298	2.308	73.948	0.679	11.758	7.982	9.549	3.797	14.028	0.891	32.216	0.417	0.476	7.347	1.837	8.347	2.601	35.403	0.000	32.705	0.067	0.000	0.000	0.000	0.000	0.000	0.000	2.395	23.616	14.028	
536	24.100	79.067	-24.100	-79.067	35.100	0.268	679.170	0.764	7	4	4	3	1	117.733	4.615	2.302	2.313	74.112	0.678	11.209	7.602	9.193	3.622	13.248	0.879	30.487	0.538	0.620	5.041	1.332	6.041	2.621	36.370	0.000	32.472	0.103	0.000	0.000	0.000	0.000	0.000	0.000	2.281	22.490	13.248	
537	24.150	79.231	-24.150	-79.231	34.710	0.237	698.440	0.683	7	4	4	3	1	117.733	4.625	2.307	2.3																													

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AO	AR			
613	27.950	91.698	-27.950	-91.698	44.675	0.386	875.430	0.864	7	4	0	3	4	117.733	5.364	2.656	2.707	86.750	0.631	14.266	9.007	10.417	6.486	14.805	0.982	39.314	0.551	0.626	5.534	1.662	6.534	2.377	25.468	0.000	33.282	0.088	0.000	0.000	0.000	0.000	0.000	0.000	2.702	26.648	26.648		
614	28.000	91.862	-28.000	-91.862	45.140	0.415	788.090	0.919	7	4	4	3	4	117.733	5.373	2.661	2.712	86.915	0.631	14.415	9.093	11.749	4.062	14.921	1.044	39.769	0.485	0.550	6.722	1.968	7.722	2.608	35.756	0.000	33.328	0.065	0.000	0.000	0.000	0.000	0.000	0.000	2.728	26.902	14.951		
615	28.050	92.026	-28.050	-92.026	45.945	0.389	523.050	0.847	7	4	5	3	5	117.733	5.383	2.666	2.717	87.079	0.630	14.672	9.247	10.641	6.614	15.254	0.959	40.565	0.296	0.336	10.116	2.837	11.116	2.362	24.872	30.323	33.408	0.032	0.000	0.000	0.000	0.000	0.000	0.000	2.774	27.359	27.359		
616	28.100	92.190	-28.100	-92.190	44.262	0.353	820.400	0.798	7	4	4	3	4	117.733	5.393	2.670	2.723	87.243	0.630	14.134	8.901	10.263	6.374	14.564	0.908	38.871	0.517	0.589	5.989	1.787	6.989	2.364	24.967	0.000	33.226	0.085	0.000	0.000	0.000	0.000	0.000	0.000	2.670	26.334	26.334		
617	28.150	92.355	-28.150	-92.355	42.383	0.310	777.460	0.731	7	4	4	3	4	117.733	5.402	2.675	2.728	87.407	0.629	13.534	8.516	9.826	6.097	13.834	0.838	36.983	0.508	0.582	5.776	1.736	6.776	2.364	24.953	0.000	33.014	0.093	0.000	0.000	0.000	0.000	0.000	0.000	2.555	25.195	25.195		
618	28.200	92.519	-28.200	-92.519	41.662	0.295	847.710	0.708	7	4	0	3	1	117.733	5.412	2.679	2.733	87.571	0.629	13.304	8.364	9.661	5.990	13.537	0.814	36.252	0.570	0.655	4.676	1.456	5.676	2.364	24.979	0.000	32.928	0.114	0.000	0.000	0.000	0.000	0.000	0.000	2.509	24.745	24.745		
619	28.250	92.683	-28.250	-92.683	42.053	0.276	851.130	0.656	7	5	0	3	1	117.733	5.422	2.684	2.738	87.735	0.628	13.429	8.435	9.669	5.990	13.656	0.753	36.254	0.567	0.650	4.773	1.484	5.773	2.345	24.234	0.000	32.969	0.117	0.000	0.000	0.000	0.000	0.000	0.000	2.531	24.957	24.957		
620	28.300	92.847	-28.300	-92.847	41.940	0.282	842.620	0.672	7	5	0	3	1	117.733	5.431	2.688	2.743	87.899	0.628	13.393	8.406	9.671	5.986	13.587	0.772	36.511	0.562	0.645	4.820	1.498	5.820	2.352	24.483	0.000	32.952	0.115	0.000	0.000	0.000	0.000	0.000	0.000	2.522	24.869	24.869		
621	28.350	93.011	-28.350	-93.011	40.685	0.278	798.580	0.683	7	4	4	3	1	117.733	5.441	2.693	2.748	88.064	0.627	12.992	8.147	10.571	3.551	13.095	0.789	35.247	0.545	0.629	4.855	1.510	5.855	2.605	35.580	0.000	32.803	0.113	0.000	0.000	0.000	0.000	0.000	0.000	2.444	24.104	13.095		
622	28.400	93.175	-28.400	-93.175	39.767	0.276	795.580	0.694	7	4	4	3	1	117.733	5.451	2.697	2.753	88.228	0.627	12.699	7.957	10.409	3.478	12.728	0.804	34.318	0.555	0.643	4.539	1.431	5.539	2.619	36.308	0.000	32.690	0.118	0.000	0.000	0.000	0.000	0.000	0.000	2.387	23.540	12.728		
623	28.450	93.339	-28.450	-93.339	39.541	0.266	809.110	0.673	7	4	4	3	1	117.733	5.460	2.702	2.758	88.392	0.626	12.627	7.905	10.338	3.444	12.620	0.780	34.083	0.569	0.660	4.290	1.369	5.290	2.617	36.198	0.000	32.659	0.125	0.000	0.000	0.000	0.000	0.000	0.000	2.371	23.387	12.620		
624	28.500	93.503	-28.500	-93.503	40.327	0.236	800.390	0.585	7	5	4	3	1	117.733	5.470	2.706	2.764	88.556	0.626	12.878	8.055	9.258	5.711	12.886	0.677	34.859	0.551	0.637	4.672	1.470	5.672	2.342	24.100	0.000	32.749	0.126	0.000	0.000	0.000	0.000	0.000	0.000	2.417	23.831	23.831		
625	28.550	93.667	-28.550	-93.667	39.370	0.244	815.330	0.620	7	4	0	3	1	117.733	5.480	2.711	2.769	88.720	0.625	12.572	7.857	10.236	3.394	12.507	0.720	33.893	0.576	0.669	4.137	1.334	5.137	2.606	35.648	0.000	32.630	0.133	0.000	0.000	0.000	0.000	0.000	0.000	2.357	23.247	12.507		
626	28.600	93.831	-28.600	-93.831	41.087	0.278	843.770	0.677	7	4	0	3	1	117.733	5.489	2.715	2.774	88.884	0.624	13.121	8.193	10.662	3.553	13.116	0.781	35.800	0.574	0.662	4.434	1.413	5.434	2.602	35.458	0.000	32.830	0.122	0.000	0.000	0.000	0.000	0.000	0.000	2.458	24.240	13.116		
627	28.650	93.995	-28.650	-93.995	45.119	0.284	783.080	0.629	8	5	4	3	4	120.915	5.499	2.720	2.779	89.048	0.624	10.806	6.742	10.218	6.287	14.572	0.717	39.622	0.480	0.547	6.604	1.981	7.604	2.311	22.919	0.000	33.273	0.091	0.000	0.000	0.000	0.000	0.000	0.000	2.697	26.596	26.596		
628	28.700	94.159	-28.700	-94.159	46.015	0.289	726.450	0.628	8	5	4	3	5	120.915	5.509	2.725	2.784	89.213	0.623	11.021	6.870	10.384	6.384	14.872	0.713	40.508	0.432	0.491	7.569	2.236	8.569	2.303	22.614	0.000	33.363	0.079	0.000	0.000	0.000	0.000	0.000	0.000	2.748	27.100	27.100		
629	28.750	94.323	-28.750	-94.323	45.725	0.293	718.410	0.641	8	5	4	3	5	120.915	5.519	2.730	2.789	89.377	0.623	10.951	6.821	10.350	6.357	14.736	0.729	40.208	0.429	0.488	7.539	2.232	8.539	2.310	22.878	0.000	33.328	0.078	0.000	0.000	0.000	0.000	0.000	0.000	2.728	26.906	26.906		
630	28.800	94.487	-28.800	-94.487	42.351	0.258	757.910	0.609	7	5	4	3	1	117.733	5.529	2.734	2.794	89.541	0.622	10.524	6.416	9.679	5.940	13.473	0.701	36.425	0.493	0.567	5.840	1.791	6.840	2.332	23.707	0.000	32.958	0.103	0.000	0.000	0.000	0.000	0.000	0.000	2.525	24.899	24.899		
631	28.850	94.651	-28.850	-94.651	42.413	0.277	730.990	0.653	7	5	4	3	1	117.733	5.538	2.739	2.799	89.705	0.622	13.544	8.421	9.752	5.980	13.470	0.751	36.877	0.472	0.543	6.158	1.877	7.158	2.345	24.235	0.000	32.961	0.094	0.000	0.000	0.000	0.000	0.000	0.000	2.526	24.915	24.915		
632	28.900	94.815	-28.900	-94.815	44.791	0.284	677.690	0.634	8	5	4	3	5	120.915	5.548	2.744	2.804	89.869	0.621	10.727	6.664	10.172	6.232	14.310	0.724	39.245	0.410	0.468	7.619	2.264	8.619	2.317	23.159	0.000	33.218	0.077	0.000	0.000	0.000	0.000	0.000	0.000	2.666	26.289	26.289		
633	28.950	94.979	-28.950	-94.979	47.400	0.587	664.820	1.238	7	4	4	3	4	117.733	5.558	2.748	2.810	90.033	0.621	15.136	9.396	12.697	4.259	15.232	1.403	41.845	0.379	0.429	8.701	2.553	9.701	2.665	38.601	30.779	33.484	0.022	0.000	0.000	0.000	0.000	0.000	0.000	2.819	27.797	15.232		
634	29.000	95.143	-29.000	-95.143	51.027	0.587	557.010	1.150	7	4	5	3	4	117.733	5.568	2.753	2.815	90.197	0.620	16.295	10.106	13.333	4.506	16.522	1.291	45.462	0.286	0.321	11.226	3.223	12.226	2.616	36.138	32.869	33.832	0.002	0.000	0.000	0.000	0.000	0.000	0.000	3.032	29.900	16.522		
635	29.050	95.307	-29.050	-95.307	60.492	0.453	254.940	0.749	8	5	7	5	5	120.915	5.577	2.757	2.820	90.362	0.620	14.488	8.978	13.243	8.093	19.924	0.825	45.916	0.085	0.094	10.059	5.033	19.059	2.232	20.077	37.721	34.641	-0.011	3.997	241.873	0.000	0.000	0.000	0.000	0.000	0.000	3.591	35.415	35.415
636	29.100	95.471	-29.100	-95.471	43.425	0.373	473.300	0.859	7	4	5	3	4	117.733	5.587	2.762	2.825	90.526	0.619	13.867	8.586	11.428	3.765	13.705	0.986	37.840	0.275	0.316	9.377	2.745	10.377	2.630	36.839	0.000	33.054	0.037	0.000	0.000	0.000	0.000	0.000	0.000	2.576	25.402	13.705		
637	29.150	95.635	-29.150	-95.635	45.345	0.345	636.750	0.761	7	4	4	3	4	117.733	5.597	2.767	2.830	90.690	0.619	14.480	8.958	10.457	6.380	14.374	0.868	39.751	0.376	0.429	8.210	2.440	9.210	2.352	24.490	0.000	33.256	0.058	0.000	0.000	0.000	0.000	0.000	0.000	2.687	26.504	26.504		
638	29.200	95.799	-29.200	-95.799	58.983	0.343	460.280	0.582	8	5	6	4	5	120.915	5.607	2.771	2.835	90.854	0.618	14.127	8.732	12.684	7.732	19.269	0.643	53.379	0.196	0.216	15.106	4.274	16.106	2.189	18.634	36.926	34.509	0.023	4.049	238.946	0.000	0.000	0.000	0.000	0.000	0.000	3.493	34.446	34.446
639	29.250	95.963	-29.250	-95.963	61.809	0.351	441.960	0.568																																							

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
715	33.050	108.430	-33.050	-108.430	190.510	1.192	9.590	0.626	9	6	9	6	6	124.097	6.387	3.157	3.230	103.493	0.579	36.502	21.139	35.035	20.010	58.344	0.647	184.126	-0.015	-0.016	59.272	18.222	60.272	1.781	7.718	68.664	39.798	-0.101	2.557	487.379	0.000	0.000	0.000	10.570	104.237	104.237
716	33.100	108.594	-33.100	-108.594	207.010	1.028	-9.560	0.497	9	6	9	6	6	124.097	6.397	3.162	3.235	103.657	0.579	39.663	22.952	36.933	21.077	63.468	0.512	200.616	-0.017	-0.018	64.585	19.860	65.585	1.694	6.007	71.022	40.191	-0.090	2.486	514.940	0.000	0.000	0.000	11.476	113.175	113.175
717	33.150	108.759	-33.150	-108.759	216.486	1.175	4.240	0.543	9	6	9	6	6	124.097	6.407	3.167	3.240	103.821	0.578	41.479	23.983	38.696	22.065	66.366	0.559	210.082	-0.014	-0.015	67.338	20.727	68.338	1.700	6.109	72.282	40.401	-0.101	2.449	530.346	0.000	0.000	0.000	11.992	118.261	118.261
718	33.200	108.923	-33.200	-108.923	221.148	1.230	9.250	0.556	9	6	9	6	6	124.097	6.417	3.172	3.245	103.985	0.578	42.372	24.480	39.511	22.512	67.717	0.573	214.733	-0.013	-0.014	68.649	21.158	69.649	1.698	6.083	72.870	40.499	-0.105	2.431	537.916	0.000	0.000	0.000	12.240	120.711	120.711
719	33.250	109.087	-33.250	-109.087	228.201	1.239	-1.430	0.543	9	6	9	6	6	124.097	6.427	3.177	3.250	104.149	0.577	43.723	25.241	40.532	23.075	69.827	0.559	221.776	-0.014	-0.015	70.864	21.866	71.864	1.681	5.766	73.747	40.645	-0.105	2.405	548.947	0.000	0.000	0.000	12.620	124.462	124.462
720	33.300	109.251	-33.300	-109.251	231.546	1.356	-3.870	0.586	9	6	9	6	6	124.097	6.438	3.182	3.255	104.313	0.577	44.364	25.590	41.327	23.509	70.764	0.602	225.111	-0.015	-0.015	71.825	22.194	72.825	1.695	6.028	74.141	40.711	-0.113	2.393	554.258	0.000	0.000	0.000	12.795	126.186	126.186
721	33.350	109.415	-33.350	-109.415	230.895	1.419	-3.990	0.615	9	6	9	6	6	124.097	6.448	3.188	3.260	104.477	0.576	44.239	25.498	41.406	23.536	70.445	0.632	224.450	-0.015	-0.015	71.507	22.132	72.507	1.709	6.287	74.038	40.694	-0.116	2.397	553.659	0.000	0.000	0.000	12.749	125.731	125.731
722	33.400	109.579	-33.400	-109.579	230.577	1.486	-6.910	0.644	9	6	9	6	6	124.097	6.458	3.193	3.265	104.642	0.576	44.179	25.443	41.539	23.592	70.230	0.663	224.121	-0.015	-0.016	71.320	22.110	72.320	1.722	6.539	73.976	40.683	-0.120	2.400	553.547	0.000	0.000	0.000	12.721	125.458	125.458
723	33.450	109.743	-33.450	-109.743	231.576	1.458	-7.010	0.630	9	6	9	6	6	124.097	6.468	3.198	3.271	104.806	0.575	44.370	25.533	41.612	23.615	70.428	0.648	225.111	-0.015	-0.015	71.520	22.206	72.520	1.715	6.398	74.077	40.700	-0.118	2.397	555.382	0.000	0.000	0.000	12.766	125.902	125.902
724	33.500	109.907	-33.500	-109.907	229.932	1.461	-7.630	0.635	9	6	9	6	6	124.097	6.478	3.203	3.276	104.970	0.575	44.055	25.332	41.392	23.472	69.800	0.654	223.457	-0.015	-0.016	70.898	22.050	71.898	1.720	6.498	73.850	40.663	-0.118	2.405	553.307	0.000	0.000	0.000	12.666	124.910	124.910
725	33.550	110.071	-33.550	-110.071	223.782	1.308	-7.720	0.584	9	6	9	6	6	124.097	6.489	3.208	3.281	105.134	0.575	42.877	24.635	40.123	22.735	67.769	0.602	217.296	-0.016	-0.016	68.867	21.461	69.867	1.708	6.277	73.050	40.529	-0.109	2.432	544.366	0.000	0.000	0.000	12.317	121.473	121.473
726	33.600	110.235	-33.600	-110.235	217.539	1.329	-6.610	0.611	9	6	9	6	6	124.097	6.499	3.213	3.286	105.298	0.574	41.680	23.929	39.299	22.250	65.715	0.630	211.043	-0.016	-0.017	66.802	20.860	67.802	1.730	6.695	72.217	40.390	-0.110	2.459	535.058	0.000	0.000	0.000	11.964	117.991	117.991
727	33.650	110.399	-33.650	-110.399	212.468	1.363	-5.200	0.642	9	6	9	6	6	124.097	6.509	3.218	3.291	105.462	0.574	40.709	23.352	38.670	21.877	64.032	0.662	205.961	-0.016	-0.017	65.105	20.370	66.105	1.751	7.117	71.518	40.274	-0.112	2.481	527.359	0.000	0.000	0.000	11.676	115.150	115.150
728	33.700	110.563	-33.700	-110.563	209.501	1.547	-3.070	0.738	9	6	9	6	5	124.097	6.519	3.223	3.296	105.626	0.573	40.140	23.008	38.703	21.878	63.007	0.762	202.984	-0.016	-0.017	64.060	20.079	65.060	1.794	7.987	71.092	40.203	-0.122	2.495	522.919	0.000	0.000	0.000	11.504	113.453	113.453
729	33.750	110.727	-33.750	-110.727	210.916	1.553	2.500	0.736	9	6	9	6	5	124.097	6.529	3.228	3.301	105.791	0.573	40.411	23.145	38.925	21.986	63.344	0.760	204.389	-0.015	-0.016	64.343	20.198	65.343	1.791	7.927	71.263	40.231	-0.122	2.491	525.533	0.000	0.000	0.000	11.573	114.129	114.129
730	33.800	110.891	-33.800	-110.891	212.417	1.360	2.730	0.640	9	6	9	6	6	124.097	6.539	3.233	3.306	105.955	0.572	40.699	23.292	38.667	21.823	63.706	0.661	205.880	-0.015	-0.016	64.703	20.341	65.703	1.752	7.125	71.444	40.262	-0.111	2.486	528.280	0.000	0.000	0.000	11.646	114.852	114.852
731	33.850	111.055	-33.850	-111.055	211.113	1.318	0.450	0.624	9	6	9	6	6	124.097	6.550	3.238	3.312	106.119	0.572	40.449	23.131	38.376	21.642	63.201	0.644	204.566	-0.016	-0.016	64.219	20.223	65.219	1.748	7.046	71.245	40.228	-0.108	2.493	526.515	0.000	0.000	0.000	11.565	114.057	114.057
732	33.900	111.219	-33.900	-111.219	206.340	1.217	3.140	0.590	9	6	9	6	6	124.097	6.560	3.243	3.317	106.283	0.571	39.535	22.590	37.431	21.093	61.627	0.609	199.782	-0.016	-0.016	62.619	19.758	63.619	1.742	6.929	70.567	40.115	-0.101	2.515	519.088	0.000	0.000	0.000	11.295	111.391	111.391
733	33.950	111.383	-33.950	-111.383	202.276	1.552	4.100	0.767	9	6	9	6	5	124.097	6.570	3.248	3.322	106.447	0.571	38.756	22.128	37.691	21.223	60.276	0.793	195.708	-0.016	-0.016	61.259	19.366	62.259	1.818	8.502	69.974	40.017	-0.121	2.534	512.718	0.000	0.000	0.000	11.064	109.112	109.112
734	34.000	111.547	-34.000	-111.547	199.406	1.592	8.960	0.798	9	6	9	6	5	124.097	6.580	3.253	3.327	106.611	0.571	38.206	21.797	37.370	21.026	59.297	0.826	192.828	-0.015	-0.016	60.233	19.076	61.233	1.834	8.853	69.542	39.945	-0.123	2.548	508.265	0.000	0.000	0.000	10.899	107.481	107.481
735	34.050	111.711	-34.050	-111.711	216.074	1.694	2.210	0.784	9	6	9	6	5	124.097	6.590	3.258	3.332	106.775	0.570	41.400	23.601	40.022	22.500	64.319	0.809	209.486	-0.015	-0.016	65.320	20.693	66.320	1.801	8.142	71.821	40.324	-0.129	2.479	535.798	0.000	0.000	0.000	11.800	116.374	116.374
736	34.100	111.875	-34.100	-111.875	209.723	1.440	-12.340	0.687	9	6	9	6	6	124.097	6.601	3.263	3.337	106.940	0.570	40.183	22.889	38.507	21.632	62.269	0.709	203.125	-0.018	-0.018	63.410	20.128	64.410	1.776	7.623	70.944	40.178	-0.115	2.507	525.921	0.000	0.000	0.000	11.445	112.866	112.866
737	34.150	112.039	-34.150	-112.039	214.052	1.497	-1.240	0.699	9	6	9	6	6	124.097	6.611	3.268	3.342	107.104	0.569	41.012	23.344	39.272	22.044	63.495	0.722	207.444	-0.016	-0.016	64.529	20.510	65.529	1.774	7.580	71.507	40.272	-0.118	2.490	533.244	0.000	0.000	0.000	11.672	115.107	115.107
738	34.200	112.203	-34.200	-112.203	214.381	1.791	11.390	0.835	9	6	9	6	5	124.097	6.621	3.274	3.347	107.268	0.569	41.075	23.361	40.008	22.440	63.494	0.862	207.763	-0.014	-0.014	64.408	20.504	65.408	1.822	8.695	71.529	40.276	-0.133	2.490	534.107	0.000	0.000	0.000	11.681	115.195	115.195
739	34.250	112.367	-34.250	-112.367	219.326	2.114	20.170	0.964	9	6	9	6	5	124.097	6.631	3.279	3.353	107.432	0.568	42.023	23.882	41.416	23.212	64.902	0.994	212.698	-0.012	-0.013	65.732	20.951	66.732	1.854	9.325	72.161	40.381	-0.147	2.472	542.304	0.000	0.000	0.000	11.941	117.761	117.761
740	34.300	112.531	-34.300	-112.531	227.545	2.469	23.300	1.085	9	5	9	6	5	124.097	6.641	3.284	3.358	107.596	0.568	43.598	24.758	43.320	24.260	67.303	1.118	220.907	-0.012	-0.012	68.104	21.729	69.104	1.877	9.840	73.193	40.553	-0.161	2.440	555.392	0.000	0.000	0.000	12.379	122.080	122.080
741	34.350	112.695	-34.350	-112.695	229.521</																																							



ConeTec Shear Wave Velocity Data Reduction Sheet

Hole: CPT-3
Location: SC-41 Replacement Bridge
Cone: AD214
Date: 8-Mar-11
Source: Beam

Source Depth	0.00 m
Source Offset	1.45 m

Tip Depth (m)	Geophone Depth(m)	Travel Path (m)	Interval time (ms)	Velocity (m/s)	Velocity (ft/s)	Interval Depth (m)	Interval Depth (ft)
0.00							
1.00	0.80	1.66					
2.00	1.80	2.31	2.29	286.5	939.9	1.30	4.27
3.00	2.80	3.15	3.65	230.7	756.8	2.30	7.55
4.00	3.80	4.07	3.27	279.4	916.6	3.30	10.83
5.00	4.80	5.01	4.40	215.0	705.4	4.30	14.11
6.00	5.80	5.98	2.87	336.2	1102.9	5.30	17.39
7.00	6.80	6.95	2.65	367.7	1206.3	6.30	20.67
8.00	7.80	7.93	2.80	350.3	1149.2	7.30	23.95
9.00	8.80	8.92	4.15	237.4	778.7	8.30	27.23
10.00	9.80	9.91	4.25	232.5	762.7	9.30	30.51
11.00	10.80	10.90	4.25	233.0	764.4	10.30	33.79
12.00	11.80	11.89	4.10	241.9	793.7	11.30	37.07
13.00	12.80	12.88	3.05	325.6	1068.3	12.30	40.35
14.00	13.80	13.88	3.75	265.1	869.7	13.30	43.63
15.00	14.80	14.87	3.20	310.9	1020.0	14.30	46.92
16.00	15.80	15.87	3.41	291.6	956.5	15.30	50.20
17.00	16.80	16.96	3.35	297.3	975.4	16.30	53.48
18.00	17.80	17.96	2.75	362.3	1188.9	17.30	56.76
19.00	18.80	18.95	6.30	316.5	1038.4	18.30	61.68
20.00	19.80	19.85	3.30	302.2	991.6	20.30	66.60
21.00	20.80	20.85	3.05	327.1	1073.1	21.30	69.88
22.00	21.80	21.85	3.10	321.9	1056.0	22.30	73.16
23.00	22.80	22.85	2.70	369.6	1212.7	23.30	76.44
24.00	23.80	23.84	2.75	363.0	1190.8	24.30	79.72
25.00	24.80	24.84	2.70	369.7	1213.0	25.30	83.00
26.00	25.80	25.84	2.35	424.9	1393.9	26.30	86.29
27.00	26.80	26.84	2.35	424.9	1394.0	27.30	89.57
28.00	27.80	27.84	2.00	499.3	1638.2	28.30	92.85
29.00	28.80	28.84	2.65	376.9	1236.4	29.30	96.13
30.00	29.80	29.84	2.35	425.0	1394.4	30.30	99.41
31.00	30.80	30.83	3.18	318.3	1043.3	31.30	102.69
32.00	31.80	31.83	1.75	570.8	1872.7	32.30	105.97
33.00	32.80	32.83	2.60	384.2	1260.6	33.30	109.25
34.00	33.80	33.83	1.45	689.0	2260.5	34.30	112.53
35.00	34.80	34.83	3.55	281.4	923.3	35.30	115.81
36.00	35.80	35.83	3.05	327.6	1074.8	36.30	119.09
37.00	36.80	36.83					

Vs file

m	m/s	ft	fps	1.80	2.80	756.8
0.80	286.5	2.62	939.89	2.80	3.80	916.6
1.80	286.5	5.91	939.89	3.80	4.80	705.4
1.80	230.7	5.91	756.79	4.80	5.80	1102.9
2.80	230.7	9.19	756.79	5.80	6.80	1206.3
2.80	279.4	9.19	916.60	6.80	7.80	1149.2
3.80	279.4	12.47	916.60	7.80	8.80	778.7
3.80	215.0	12.47	705.41	8.80	9.80	762.7
4.80	215.0	15.75	705.41	9.80	10.80	764.4
4.80	336.2	15.75	1102.90	10.80	11.80	793.7
5.80	336.2	19.03	1102.90	11.80	12.80	1068.3
5.80	367.7	19.03	1206.34	12.80	13.80	869.7
6.80	367.7	22.31	1206.34	13.80	14.80	1020.0
6.80	350.3	22.31	1149.19	14.80	15.80	956.5
7.80	350.3	25.59	1149.19	15.80	16.80	975.4
7.80	237.4	25.59	778.74	16.80	17.80	1188.9
8.80	237.4	28.87	778.74	17.80	18.80	1038.4
8.80	232.5	28.87	762.73	18.80	19.80	991.6
9.80	232.5	32.15	762.73	19.80	20.80	1073.1
9.80	233.0	32.15	764.42	20.80	21.80	1056.0
10.80	233.0	35.43	764.42	21.80	22.80	1212.7
10.80	241.9	35.43	793.70	22.80	23.80	1190.8
11.80	241.9	38.71	793.70	23.80	24.80	1213.0
11.80	325.6	38.71	1068.29	24.80	25.80	1393.9
12.80	325.6	41.99	1068.29	25.80	26.80	1394.0
12.80	265.1	41.99	869.74	26.80	27.80	1638.2
13.80	265.1	45.28	869.74	27.80	28.80	1236.4
13.80	310.9	45.28	1020.04	28.80	29.80	1394.4
14.80	310.9	48.56	1020.04	29.80	30.80	1394.5
14.80	291.6	48.56	956.54	30.80	31.80	1672.7
15.80	291.6	51.84	956.54	31.80	32.80	1260.6
15.80	297.3	51.84	975.44	32.80	33.80	2260.5
16.80	297.3	55.12	975.44	33.80	34.80	923.3
16.80	362.3	55.12	1188.79	34.80	35.80	1074.8
17.80	362.3	58.40	1188.79	35.80	36.80	0.0
17.80	316.5	58.40	1038.38	36.80	37.80	0.0
18.80	316.5	64.96	1038.38	37.80	38.80	0.0
19.80	302.2	64.96	991.60	38.80	39.80	0.0
20.80	302.2	68.24	991.60	39.80	40.80	0.0
20.80	327.1	68.24	1073.14	40.80	41.80	0.0
21.80	327.1	71.52	1073.14	41.80	42.80	0.0
21.80	321.9	71.52	1056.04	42.80	43.80	0.0
22.80	321.9	74.80	1056.04	43.80	44.80	0.0
22.80	369.6	74.80	1212.70	44.80	45.80	0.0
23.80	369.6	78.08	1212.70	45.80	46.80	0.0
23.80	363.0	78.08	1190.84	46.80	47.80	0.0
24.80	363.0	81.36	1190.84	47.80	48.80	0.0
24.80	369.7	81.36	1213.06	48.80	49.80	0.0
25.80	369.7	84.65	1213.06	49.80	50.80	0.0
25.80	424.9	84.65	1393.90	50.80	51.80	0.0
26.80	424.9	87.93	1393.90	51.80	52.80	0.0
26.80	424.9	87.93	1394.05	52.80	53.80	0.0
27.80	424.9	91.21	1394.05	53.80	54.80	0.0
27.80	499.3	91.21	1638.17	54.80	55.80	0.0
28.80	499.3	94.49	1638.17	55.80	56.80	0.0
28.80	376.9	94.49	1236.46	56.80	57.80	0.0
29.80	376.9	97.77	1236.46	57.80	58.80	0.0
29.80	425.0	97.77	1394.42	58.80	59.80	0.0
30.80	425.0	101.05	1394.42	59.80	60.80	0.0
30.80	425.0	101.05	1394.52	60.80	61.80	0.0
31.80	425.0	104.33	1394.52	61.80	62.80	0.0
31.80	570.8	104.33	1872.77	62.80	63.80	0.0
32.80	570.8	107.61	1872.77	63.80	64.80	0.0
32.80	384.2	107.61	1260.59	64.80	65.80	0.0
33.80	384.2	110.89	1260.59	65.80	66.80	0.0
33.80	689.0	110.89	2260.49	66.80	67.80	0.0
34.80	689.0	114.17	2260.49	67.80	68.80	0.0
34.80	281.4	114.17	923.34	68.80	69.80	0.0
35.80	281.4	117.45	923.34	69.80	70.80	0.0
35.80	327.6	117.45	1074.76	70.80	71.80	0.0
36.80	327.6	120.73	1074.76	71.80	72.80	0.0
36.80	0.0			72.80	73.80	0.0
0.00	0.0			73.80	74.80	0.0

input data

Depth	Time(ms)	Depth m	Average dt (ms)
1.00	13.6939983	1.00	
2.00	15.9815435	2.00	2.29
3.00	19.6308727	3.00	3.65
4.00	22.9026852	4.00	3.27
5.00	27.3070469	5.00	4.40
6.00	30.1755009	6.00	2.87
7.00	32.8254623	7.00	2.65
8.00	35.6254196	8.00	2.80
9.00	39.7753563	9.00	4.15
10.00	44.0252914	10.00	4.25
11.00	48.2752266	11.00	4.25
12.00	52.375164	12.00	4.10
13.00	55.4251175	13.00	3.05
14.00	59.1750603	14.00	3.75
15.00	62.3750114	15.00	3.20
16.00	65.7895889	16.00	3.41
17.00	69.1397934	17.00	3.35
18.00	71.8899612	18.00	2.75
20.00	78.1903458	20.00	6.30
21.00	81.4905472	21.00	3.30
22.00	84.5407333	22.00	3.05
23.00	87.6409225	23.00	3.10
24.00	90.3410873	24.00	2.70
25.00	93.0912552	25.00	2.75
26.00	95.79142	26.00	2.70
27.00	98.1415634	27.00	2.35
28.00	100.491707	28.00	2.35
29.00	102.491829	29.00	2.00
30.00	105.141991	30.00	2.65
31.00	107.492134	31.00	2.35
32.00	109.842278	32.00	2.35
33.00	111.592384	33.00	1.75
34.00	114.192543	34.00	2.60
35.00	115.642632	35.00	1.45
36.00	119.192848	36.00	3.55
37.00	122.243034	37.00	3.05

Paste here

Depth (ft)	Time (ms)
3.28	13.69
6.56	15.98
9.84	19.63
13.12	22.90
16.40	27.31
19.69	30.18
22.97	32.83
26.25	35.63
29.53	39.78
32.81	44.03
36.09	48.28
39.37	52.38
42.65	55.43
45.93	59.18
49.21	62.38
52.49	65.79
55.77	69.14
59.06	71.89
65.62	78.19
68.90	81.49
72.18	84.54
75.46	87.64
78.74	90.34
82.02	93.09
85.30	95.79
88.58	98.14
91.86	100.49
95.14	102.49
98.43	105.14
101.71	107.49
104.99	109.84
108.27	111.59
111.55	114.19
114.83	115.64
118.11	119.19
121.39	122.24

1	B		C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR		
2	ConeTec CPT Interpretations																																													
3	Interpretation Output - SCREENzW Version 0.99.98M - Jun 17 2010																																													
4	DAS Version: W43																																													
5	Interpretation Format: All but Liquefaction Parameters (NLI)																																													
6	Run ID: 1299767141																																													
7	Job No: 11-920																																													
8	Client: F&ME																																													
9	Project: SC-41 Bridge Replacement																																													
10	Facility: SC-41 Bridge Replacement																																													
11	Sounding ID: CPT-4																																													
12	Cone ID: 184-T1500F15U500																																													
13	Operator: EC																																													
14	CPT Date: Mar-08-2011																																													
15	CPT Time: 09:20																																													
16	CPT File: 920CP04.COR																																													
17																																														
18	Tip Units: tsf																																													
19	Sleeve Units: tsf																																													
20	PP Units: ft																																													
21	Tip Conversion to bar: 0.9580																																													
22	Sleeve Conversion to bar: 0.9580																																													
23	PP Conversion to meters: 0.3050																																													
24																																														
25	Col 5 (Extra Module) Parameter N/A																																													
26	Col 5 (Extra Module) Units N/A																																													
27																																														
28	Coord Source:																																													
29	Coord Type:																																													
30	UTM Zone: N/A																																													
31	Easting / Long: 79.821792																																													
32	Northing / Lat: 32.926825																																													
33	Elevation: 0.000																																													
34																																														
35	Tip Net Area Ratio: 0.80																																													
36	Unit Weight of Soil Base: Based on Soil Zones																																													
37	Unit Weight of Soil (Def): 18.64 kN/m^3 118.62 pcf																																													
38	Unit Weight of Water: 9.81 kN/m^3 62.43 pcf																																													
39	Equilibrium U Profile Used: No																																													
40	Soil Unit Weight Profile Used: No																																													
41	Water Table 1.22 m 4.00 ft																																													
42	Averaging Interval: 0.00 m 0.00 ft																																													
43																																														
44	Su Factors Nkt and Ndu: 15.0 8.0																																													
45	Cn Exp. and Limits: 0.50 0.50 1.70																																													
46	Qc1 Exp. and Limits: 0.50 0.50 1.70																																													
47	State Parameter M: 1.20																																													
48	NC Su p': 0.30																																													
49	Relative Density Method: All Sands - Jamiolkowski (1985)																																													
50	Phi Angle Method: Kulhawy and Mayne (1990)																																													
51	Youngs Modulus Sand Type: Recent																																													
52	N160lc Method: Based on qc1n																																													
53	Depth	Depth	Elev	Elev	Avg qt	Avg fs	Avg u	Avg Rf	SBT	SBTn	SBT Bq	SBT Bqn	SBT JandC	Unit Wt.	TStress	ESTress	Equil u	Equil u	Cn	N(60)	N1(60)	N60 (lc)	N160 (lc)	Norm: Qt	Norm: Fr	Net qt	Delta U/qt	Bq	Q(1-Bq)	qe	qeNorm	lc	FC	Dr	Phi	State Parr	Es/qt	Es	Su (Nkt)	Su (Ndu)	OCR	qc1	qc1	qc1n		
54	0.05	0.164	-0.050	-0.164	2.691	0.129	0.160	4.794	3	9	3	7	8	111.369	0.009	0.009	0.000	0.000	1.700	2.578	4.383	0.000	0.000	293.626	4.810	2.682	0.002	0.002	293.079	0.257	294.079	3.413	0.000	30.334	24.593	-0.715	0.000	0.000	0.000	0.000	0.000	0.000	0.438	4.322	4.322	
55	0.100	0.328	-0.100	-0.328	10.827	0.155	4.280	1.432	5	6	6	7	8	114.551	0.018	0.018	0.000	0.000	1.700	5.186	8.816	2.836	4.754	587.482	1.434	10.808	0.012	0.012	580.221	1.024	581.221	2.620	36.363	60.200	31.243	-0.399	0.000	0.000	0.000	0.000	0.000	0.000	1.763	17.389	17.389	
56	0.150	0.492	-0.150	-0.492	20.021	0.171	0.190	0.854	6	6	7	7	8	114.551	0.028	0.028	0.000	0.000	1.700	7.672	13.043	4.466	7.488	719.387	0.855	19.993	0.000	0.000	719.173	1.917	720.173	2.276	21.638	71.909	34.180	-0.356	3.635	72.816	0.000	0.000	0.000	0.000	0.000	3.261	32.156	32.156
57	0.200	0.656	-0.200	-0.656	24.454	0.190	0.720	0.777	7	7	7	7	8	117.733	0.037	0.037	0.000	0.000	1.700	7.809	13.276	5.239	8.784	654.312	0.778	24.417	0.001	0.001	653.710	2.341	654.710	2.180	18.337	73.419	35.135	-0.337	3.318	81.178	0.000	0.000	0.000	0.000	0.000	3.983	39.277	39.277
58	0.250	0.820	-0.250	-0.820	27.527	0.181	1.080	0.658	7	7	7	7	8	117.733	0.047	0.047	0.000	0.000	1.700	8.790	14.943	5.707	9.568	585.014	0.659	27.480	0.001	0.001	584.296	2.634	585.296	2.099	15.792	73.513	35.701	-0.310	3.131	86.220	0.000	0.000	0.000	0.000	0.000	4.483	44.211	44.211
59	0.300	0.984	-0.300	-0.984	22.419	0.171	-1.800	0.763	7	6	7	7	8	117.733	0.057	0.057	0.000	0.000	1.700	7.159	12.170	4.861	8.150	394.893	0.765	22.362	-0.003	-0.003	395.885	2.153	396.885	2.209	19.296	64.951	34.720	-0.290	3.457	77.524	0.000	0.000	0.000	0.000	0.000	3.651	36.007	36.007
60	0.350	1.148	-0.350	-1.148	18.705	0.251	0.740	1.342	6	6	6	7	8	114.551	0.066	0.066	0.000	0.000	1.700	7.168	12.185	4.420	7.411	281.746	1.347	18.638	0.001	0.001	281.397	1.790	282.397	2.406	26.663	57.531	33.855	-0.319	3.741	70.010	0.000	0.000	0.000	0.000	0.000	3.046	30.042	30.042
61	0.400	1.312	-0.400	-1.312	16.378	0.259	1.260	1.581	6	6	6	7	8	114.551	0.076	0.076	0.000	0.000	1.700	6.276	10.669	4.032	6.761	215.788	1.589	16.302	0.002	0.002	215.267	1.565	216.267	2.494	30.431	51.820	33.220	-0.313	0.000	0.000	0.000	0.000	0.000	2.667	26.305	26.305		
62	0.450	1.476	-0.450	-1.476	19.831	0.244	0.120	1.230	6	6	7	7	8	114.551	0.085	0.085	0.000	0.000	1.700	7.599	12.919	4.599	7.710	232.461	1.236	19.746	0.000	0.000	232.417	1.899	233.417	1.899	23.417	55.624	34.134	-0.290	3.650	72.420	0.000	0.000	0.000	0.000	0.000	3.230	31.850	31.850
63	0.500	1.640	-0.500	-1.640	16.462	0.268	46.730	1.628	6	6	5	6	5	114.551	0.094	0.094	0.000	0.000	1.700	6.308	10.724	4.064	6.814	173.499	1.637	16.367	0.000	0.000	158.037	1.437	159.037	2.500	30.684	48.783	33.245	-0.286	0.000	0.000	0.000	0.000	0.000	2.681	26.439	26.439		
64	0.550	1.804	-0.550	-1.804	15.257	0.258	2.720	1.691	6	6	6	6	5	114.551	0.104	0.104	0.000	0.000	1.700	5.846	9.939	3.834	6.427	146.081	1.703	15.153	0.006	0.006	145.263	1.453	146.263	2.537	32.354	45.244	32.882	-0.282	0.000	0.000	0.000	0.000	0.000	2.485	24.504	24.504		
65	0.600	1.968	-0.600	-1.968	14.776	0.340	-5.380	2.301	5	5	6	6	5	114.551	0.113	0.113	0.000	0.000	1.700	7.078	12.032	3.883	6.509	129.619	2.319	14.663	-0.011	-0.011	131.103	1.432	132.103	2.627	36.686	43.084	32.729	-0.317	0.000	0.000	0.000	0.000	0.000	2.406	23.734	23.733		
66	0.650	2.133	-0.650	-2.133	13.429	0.366	-8.130	2.725	5	5	6	6	4	114.551	0.123	0.123	0.000	0.000	1.700	6.433	10.935	3.674	6.160	108.608	2.750	13.307	-0.019	-0.019	110.679	1.311	111.679	2.705	40.719	39.201	32.272	-0.330	0.000	0.000	0.000	0.000	0.000	2.187	21.569	21.569		
67	0.700	2.297	-0.700	-2.297	14.854	0.388	3.860	2.612	5	5	6	6	5	114.551	0.132	0.132	0.000	0.000	1.700	7.115	12.096	3.968	6.652	111.603	2.835	14.722	0.008	0.008	110.690	1.411	111.690	2.659	38.314	41.033	32.754	-0.321	0.000	0.000	0.000	0.000	0.000	2.419	23.857	23.857		
68	0.750	2.461	-0.750	-2.461	16.877	0.435	18.730	2.577	5	5	6	6	5	114.551	0.141	0.141	0.000	0.000	1.700	8.084	13.743	4.401	7.378	118.432	2.599	16.736	0.035	0.035	114.295	1.561	115.295	2.612	35.939	43.706	33.364	-0.322	0.000	0.000	0.000	0.000	0.000	2.749	27.106	27.106		
69	0.800	2.625	-0.800	-2.625	18.110	0.675	6.380	3.727	4	8	6	6	8	114.551	0.151	0.151	0.000	0.000	1.700	11.566	19.662	0.000	0.000	119.168	3.759	17.959	0.011	0.011	117.846	1.716	118.846	2.692	0.000	44.805	33.701	-0.424	0.000	0.000	0.000	0.000	2.949	29.086	29.086			
70	0.850	2.789	-0.850	-2.789	19.235	0.865	0.800	4.497	3	9	7	6	8	111.369	0.160	0.160	0.000	0.000	1.700	18.427	31.326	0.000	0.000	119.242	4.535	19.075	0.001	0.001	119.086	1.840	120.086	2.728	0.000	45.677	33.989	-0.513	3.698	71.161	0.000	0.000	0.000	0.000	3.133	30.894	30.894	
71	0.900	2.953	-0.900	-2.953	20.778	0.801	-3.470	3.855	4	8	7	6	8	114.551	0.169	0.169	0.000	0.000	1.700	13.270	22.560	0.000	0.000	121.780	3.887	20.609	-0.005	-0.005	122.420	2.001	123.420	2.658	0.000	47.083	34.357	-0.443	3.577	74.355	0.000	0.000	0.000	0.000	3.384	33.372	33.372	
72	0.950	3.117	-0.950	-3.117	21.679	1.260	-6.500	5.812	3	9	7	6	8	111.369	0.179	0.179	0.000	0.000	1.700	20.769	35.307	0.000	0.000	120.455	5.860	21.501	-0.009	-0.009	121.592	2.096	122.592	2.769	0.000	47.536	34.560	-0.761	3.510	76.123	0.000	0.000	0.000	0.000	3.531	34.820	34.820	
73	1.000	3.281	-1.000	-3.281	17.304	1.243	-12.130	7.183	3	9	6	6	8	111.369	0.188	0.188	0.000	0.000	1.700	16.577	28.182	0.000	0.000	91.225	7.262	17.117	-0.022	-0.022	93.243	1.694	94.243	2.904	0.000	40.360	33.483	-1.305	0.000	0.000	0.000	0.000	0.000	2.818	27.793	27.793		
74	1.050	3.445	-1.050	-3.445	22.442	1.176	-6.040	5.240	3	9	7	6	8	111.369	0.197	0.197	0.000	0.000	1.700	21.500	36.550	0.000	0.000	113.057	5.286	22.246	-0.008	-0.008	114.015	2.168	115.015	2.727	0.000	47.131	34.725	-0.622	3.455	77.568	0.000	0.000	0.000	0.000	3.655	36.045	36.045	
75	1.100	3.609	-1.100	-3.609	21.724	1.164	-10.510	5.358	3	9	7	6	8	111.369	0.206	0.206	0.000	0.000	1.700	20.812	35.380	0.000	0.000	104.511	5.409	21.518	-0.015	-0.015	106.104	2.113	107.104	2.744	0.000	45.548	34.570	-0.630	3.507	76.209	0.000	0.000	0.000	0.000	3.538	34.892	34.892	
76	1.150	3.773	-1.150	-3.773	21.742	1.102	-12.480	5.069	3	9	7	6	8	111.369	0.215	0.215	0.000	0.000	1.700	20.829	35.409	0.000	0.000	100																						

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
103	2.450	8.038	-2.450	-8.038	24.564	0.932	11.810	3.794	4	4	7	6	4	114.551	0.457	0.331	0.126	4.041	1.700	15.688	26.670	6.378	10.694	72.884	3.866	24.107	0.010	0.010	72.151	2.318	73.151	2.603	35.525	42.276	35.157	-0.362	3.311	81.366	0.000	0.000	0.000	4.000	39.452	39.452
104	2.500	8.202	-2.500	-8.202	20.723	0.829	5.300	4.000	4	4	7	6	4	114.551	0.466	0.335	0.131	4.205	1.700	13.235	22.500	5.578	9.352	60.463	4.092	20.257	0.002	0.002	60.361	1.969	61.361	2.674	39.084	37.219	34.345	-0.355	3.581	74.244	0.000	0.000	0.000	3.375	33.284	33.284
105	2.550	8.366	-2.550	-8.366	19.327	0.750	5.980	3.881	4	4	7	6	4	114.551	0.476	0.339	0.136	4.369	1.700	12.344	20.984	5.240	8.785	55.560	3.978	18.852	0.003	0.003	55.411	1.834	56.411	2.688	39.807	35.038	34.011	-0.332	3.691	71.358	0.000	0.000	0.000	3.148	31.042	31.042
106	2.600	8.530	-2.600	-8.530	19.170	0.652	7.930	3.401	5	4	6	6	4	114.551	0.485	0.344	0.141	4.534	1.700	9.182	15.610	5.102	8.554	54.382	3.490	18.685	0.006	0.006	54.073	1.813	55.073	2.652	37.963	34.624	33.972	-0.291	3.703	71.020	0.000	0.000	0.000	3.122	30.788	30.788
107	2.650	8.694	-2.650	-8.694	19.584	0.611	10.310	3.120	5	4	6	6	4	114.551	0.495	0.348	0.147	4.698	1.700	9.381	15.491	5.129	8.599	54.793	3.201	19.090	0.009	0.009	54.375	1.845	55.375	2.620	36.362	35.060	34.075	-0.272	3.670	71.903	0.000	0.000	0.000	3.190	31.455	31.455
108	2.700	8.858	-2.700	-8.858	20.125	0.713	10.460	3.543	5	4	6	6	4	114.551	0.504	0.352	0.152	4.862	1.700	9.640	16.388	5.346	8.963	55.723	3.634	19.622	0.009	0.009	55.226	1.897	56.226	2.648	37.762	35.666	34.205	-0.305	3.627	73.030	0.000	0.000	0.000	3.278	32.324	32.324
109	2.750	9.022	-2.750	-9.022	20.072	0.746	9.910	3.717	4	4	6	6	4	114.551	0.513	0.357	0.157	5.026	1.700	12.819	21.793	5.373	9.008	54.878	3.814	19.559	0.008	0.008	54.450	1.893	55.450	2.663	38.532	35.417	34.192	-0.317	3.631	72.920	0.000	0.000	0.000	3.269	32.238	32.238
110	2.800	9.186	-2.800	-9.186	19.976	0.682	10.590	3.414	5	4	6	6	4	114.551	0.523	0.361	0.162	5.190	1.700	9.569	16.267	5.284	8.860	53.936	3.506	19.454	0.008	0.009	53.469	1.882	54.469	2.640	37.354	35.109	34.169	-0.291	3.639	72.722	0.000	0.000	0.000	3.253	32.084	32.084
111	2.850	9.350	-2.850	-9.350	20.936	0.630	10.590	3.009	5	4	7	6	4	114.551	0.532	0.365	0.167	5.354	1.700	10.028	17.048	5.396	9.046	55.909	3.088	20.404	0.008	0.008	55.461	1.974	56.461	2.588	34.789	36.286	34.393	-0.267	3.565	74.669	0.000	0.000	0.000	3.410	33.626	33.626
112	2.900	9.514	-2.900	-9.514	20.942	0.572	11.480	2.731	5	5	7	6	4	114.551	0.542	0.369	0.172	5.518	1.693	10.031	16.984	5.328	8.896	55.251	2.804	20.400	0.009	0.009	54.747	1.972	55.747	2.562	33.537	36.127	34.375	-0.248	3.571	74.814	0.000	0.000	0.000	3.397	33.499	33.499
113	2.950	9.678	-2.950	-9.678	20.202	0.572	9.950	2.831	5	5	7	6	4	114.551	0.551	0.374	0.177	5.682	1.683	9.677	16.290	5.202	8.835	52.614	2.911	19.651	0.007	0.007	52.257	1.906	53.257	2.586	34.698	34.931	34.176	-0.249	3.637	73.499	0.000	0.000	0.000	3.258	32.130	32.130
114	3.000	9.842	-3.000	-9.842	18.824	0.489	11.870	2.598	5	5	6	6	4	114.551	0.560	0.378	0.182	5.847	1.674	9.017	15.093	4.852	8.009	48.346	2.677	18.264	0.010	0.010	47.848	1.768	48.848	2.588	34.795	32.743	33.811	-0.224	0.000	0.000	0.000	3.019	29.769	29.769		
115	3.050	10.006	-3.050	-10.006	19.920	0.454	14.460	2.279	5	5	6	6	4	114.551	0.570	0.382	0.188	6.011	1.664	9.542	15.882	5.001	8.210	50.650	2.346	19.351	0.013	0.014	49.959	1.865	50.959	2.535	32.273	34.204	34.055	-0.209	3.676	73.265	0.000	0.000	0.000	3.176	31.326	31.326
116	3.100	10.170	-3.100	-10.170	18.553	0.393	11.650	2.118	5	5	6	6	4	114.551	0.579	0.386	0.193	6.175	1.655	8.887	14.710	4.674	7.630	46.525	2.187	17.974	0.009	0.010	46.082	1.743	47.082	2.542	32.603	32.006	33.689	-0.191	0.000	0.000	0.000	2.942	29.013	29.013		
117	3.150	10.335	-3.150	-10.335	19.166	0.392	12.170	2.045	6	5	6	6	5	114.551	0.589	0.391	0.198	6.339	1.646	7.344	12.090	4.785	7.768	47.562	2.110	18.578	0.010	0.010	47.096	1.800	48.096	2.523	31.740	32.780	33.818	-0.189	0.000	0.000	0.000	3.023	29.808	29.808		
118	3.200	10.499	-3.200	-10.499	17.288	0.322	6.010	1.863	6	5	6	6	5	114.551	0.598	0.395	0.203	6.503	1.637	6.625	10.846	4.346	7.017	42.266	1.929	16.690	-0.001	-0.001	42.305	1.638	43.305	2.538	32.392	0.000	33.299	-0.167	0.000	0.000	0.000	2.721	26.740	26.740		
119	3.250	10.663	-3.250	-10.663	14.521	0.270	3.380	1.859	5	5	6	6	5	114.551	0.607	0.399	0.208	6.667	1.628	6.956	11.327	3.740	6.270	34.859	1.940	13.914	-0.007	-0.007	35.116	1.381	36.116	2.587	34.731	0.000	32.440	-0.148	0.000	0.000	0.000	2.265	22.341	23.323		
120	3.300	10.827	-3.300	-10.827	12.735	0.218	5.620	1.712	5	5	6	6	5	114.551	0.617	0.404	0.213	6.831	1.620	6.100	9.881	3.326	5.576	30.039	1.799	12.119	-0.003	-0.003	30.133	1.203	31.133	2.615	36.091	0.000	31.788	-0.124	0.000	0.000	0.000	1.976	19.489	20.454		
121	3.350	10.991	-3.350	-10.991	12.242	0.208	8.340	1.699	5	5	6	6	5	114.551	0.626	0.408	0.218	6.996	1.611	5.864	9.448	3.218	5.396	28.492	1.791	11.616	0.003	0.004	28.399	1.148	29.399	2.628	36.740	0.000	31.574	-0.117	0.000	0.000	0.000	1.890	18.636	19.662		
122	3.400	11.155	-3.400	-11.155	12.661	0.179	9.780	1.414	6	5	6	6	5	114.551	0.636	0.412	0.223	7.160	1.603	4.852	7.777	3.271	5.170	29.191	1.488	12.026	0.006	0.007	28.992	1.184	29.992	2.593	35.020	0.000	31.710	-0.103	0.000	0.000	0.000	1.944	19.173	19.173		
123	3.450	11.319	-3.450	-11.319	11.432	0.173	8.400	1.513	5	5	6	6	5	114.551	0.645	0.416	0.229	7.324	1.595	5.476	8.732	3.003	5.035	25.917	1.604	10.788	0.003	0.003	25.836	1.070	26.836	2.626	36.659	0.000	31.197	-0.098	0.000	0.000	0.000	1.746	17.224	18.362		
124	3.500	11.483	-3.500	-11.483	10.730	0.167	9.630	1.556	5	4	6	6	5	114.551	0.654	0.421	0.234	7.488	1.587	5.140	8.154	2.863	4.801	23.961	1.657	10.076	0.006	0.007	23.801	0.999	24.801	2.657	38.222	0.000	30.870	-0.092	0.000	0.000	0.000	1.631	16.083	17.234		
125	3.550	11.647	-3.550	-11.647	10.092	0.152	13.110	1.506	5	4	5	6	5	114.551	0.664	0.425	0.239	7.652	1.579	4.834	7.630	2.715	4.553	22.195	1.612	9.428	0.017	0.018	21.794	0.928	22.794	2.673	39.048	0.000	30.553	-0.081	0.000	0.000	0.000	1.526	15.050	16.209		
126	3.600	11.811	-3.600	-11.811	10.513	0.144	14.940	1.370	5	5	5	5	5	114.551	0.673	0.429	0.244	7.816	1.571	5.036	7.909	2.775	4.653	22.934	1.463	9.840	0.021	0.023	22.416	0.962	23.416	2.636	37.137	0.000	30.725	-0.076	0.000	0.000	0.000	1.582	15.600	16.886		
127	3.650	11.975	-3.650	-11.975	9.423	0.142	14.830	1.507	5	4	5	5	4	114.551	0.683	0.434	0.249	7.980	1.563	4.513	7.054	2.571	4.311	20.169	1.625	8.740	0.023	0.024	19.676	0.858	20.676	2.700	40.468	0.000	30.178	-0.071	0.000	0.000	0.000	1.411	13.913	15.134		
128	3.700	12.139	-3.700	-12.139	10.817	0.139	15.590	1.285	5	5	5	5	5	114.551	0.692	0.438	0.254	8.145	1.555	5.181	8.058	2.819	4.727	23.138	1.373	10.126	0.021	0.023	22.607	0.990	23.607	2.611	35.888	0.000	30.814	-0.071	0.000	0.000	0.000	1.612	15.894	17.374		
129	3.750	12.303	-3.750	-12.303	14.945	0.183	8.880	1.224	6	5	6	6	5	114.551	0.701	0.442	0.259	8.309	1.548	5.727	8.864	3.709	5.661	32.235	1.285	14.244	0.001	0.001	32.194	1.405	33.194	2.511	31.173	0.000	32.335	-0.101	0.000	0.000	0.000	2.216	21.853	21.853		
130	3.800	12.467	-3.800	-12.467	16.710	0.217	-1.640	1.299	6	5	6	6	5	114.551	0.711	0.446	0.264	8.473	1.540	6.403	9.862	4.095	6.220	35.859	1.356	15.999	-0.019	-0.020	35.566	1.606	37.566	2.484	29.992	0.000	32.845	-0.1								

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	
205	7.550	24.770	-7.550	-24.770	21.948	0.164	429.010	0.747	7	5	3	3	5	117.733	1.434	0.786	0.649	20.783	1.161	7.009	8.136	5.105	5.845	26.119	0.799	20.514	0.581	0.621	9.895	0.820	10.895	2.371	25.251	0.000	32.797	0.046	0.000	0.000	0.000	0.000	0.000	0.000	2.441	24.072	24.072
206	7.600	24.934	-7.600	-24.934	21.281	0.161	429.530	0.757	7	5	3	3	5	117.733	1.444	0.790	0.654	20.947	1.158	6.796	7.866	4.986	5.692	25.113	0.812	19.838	0.599	0.643	8.968	0.754	9.968	2.387	25.891	0.000	32.636	0.054	0.000	0.000	0.000	0.000	0.000	0.000	2.360	23.274	23.274
207	7.650	25.098	-7.650	-25.098	21.133	0.158	421.750	0.748	7	5	3	3	5	117.733	1.454	0.795	0.659	21.111	1.154	6.748	7.789	4.955	5.640	24.770	0.803	19.880	0.592	0.635	9.030	0.763	10.030	2.389	25.954	0.000	32.588	0.055	0.000	0.000	0.000	0.000	0.000	0.000	2.337	23.045	23.045
208	7.700	25.262	-7.700	-25.262	20.638	0.167	412.950	0.809	6	5	3	3	5	114.551	1.463	0.799	0.664	21.276	1.151	7.908	9.103	4.898	5.560	24.002	0.871	19.175	0.592	0.638	8.699	0.742	9.699	2.416	27.054	0.000	32.462	0.053	0.000	0.000	0.000	0.000	0.000	0.000	2.276	22.443	22.443
209	7.750	25.426	-7.750	-25.426	20.457	0.184	396.850	0.899	6	5	3	3	4	114.551	1.473	0.803	0.669	21.440	1.148	7.839	8.999	4.916	5.566	23.638	0.969	18.985	0.573	0.617	9.048	0.773	10.048	2.443	28.183	0.000	32.407	0.042	0.000	0.000	0.000	0.000	0.000	0.000	2.250	22.188	22.188
210	7.800	25.590	-7.800	-25.590	20.553	0.196	386.520	0.954	6	5	3	3	4	114.551	1.482	0.808	0.674	21.604	1.145	7.876	9.017	4.967	5.608	23.620	1.028	19.072	0.554	0.597	9.513	0.813	10.513	2.455	28.692	0.000	32.417	0.033	0.000	0.000	0.000	0.000	0.000	0.000	2.254	22.232	22.232
211	7.850	25.754	-7.850	-25.754	19.892	0.189	379.940	0.950	6	5	3	3	4	114.551	1.491	0.812	0.679	21.768	1.142	7.623	8.704	4.836	5.447	22.669	1.027	18.401	0.562	0.608	8.896	0.770	9.896	2.468	29.259	0.000	32.248	0.040	0.000	0.000	0.000	0.000	0.000	0.000	2.176	21.460	21.460
212	7.900	25.918	-7.900	-25.918	20.166	0.200	385.380	0.992	6	5	3	3	4	114.551	1.501	0.816	0.684	21.932	1.139	7.728	8.801	4.915	5.520	22.875	1.071	18.666	0.563	0.608	8.972	0.779	9.972	2.473	29.480	0.000	32.301	0.036	0.000	0.000	0.000	0.000	0.000	0.000	2.200	21.699	21.699
213	7.950	26.082	-7.950	-26.082	19.821	0.217	383.070	1.095	6	5	3	3	4	114.551	1.510	0.821	0.690	22.096	1.136	7.596	8.628	4.899	5.489	22.324	1.185	18.312	0.568	0.615	8.588	0.753	9.588	2.503	30.796	0.000	32.206	0.034	0.000	0.000	0.000	0.000	0.000	0.000	2.157	21.273	21.273
214	8.000	26.246	-8.000	-26.246	20.755	0.238	338.840	1.147	6	5	4	3	4	114.551	1.520	0.825	0.695	22.260	1.133	7.953	9.011	5.115	5.715	23.330	1.237	19.236	0.476	0.514	11.345	0.975	12.345	2.496	30.513	0.000	32.414	0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.253	22.217	22.217
215	8.050	26.410	-8.050	-26.410	19.813	0.243	367.270	1.226	6	5	3	3	4	114.551	1.529	0.829	0.700	22.425	1.130	7.592	8.580	4.964	5.532	22.061	1.329	18.284	0.543	0.589	9.073	0.800	10.073	2.531	32.074	0.000	32.179	0.021	0.000	0.000	0.000	0.000	0.000	0.000	2.145	21.153	21.153
216	8.100	26.574	-8.100	-26.574	18.948	0.275	355.270	1.451	6	4	3	3	4	114.551	1.538	0.833	0.705	22.589	1.127	7.261	8.184	4.883	5.429	20.898	1.580	17.410	0.548	0.596	8.433	0.753	9.433	2.588	34.795	0.000	31.954	0.018	0.000	0.000	0.000	0.000	0.000	0.000	2.046	20.178	20.178
217	8.150	26.739	-8.150	-26.739	18.929	0.257	355.380	1.358	6	4	3	3	4	114.551	1.548	0.838	0.710	22.753	1.124	7.253	8.155	4.844	5.371	20.757	1.479	17.381	0.549	0.597	8.358	0.751	9.358	2.574	34.108	0.000	31.937	0.023	0.000	0.000	0.000	0.000	0.000	0.000	2.039	20.106	20.106
218	8.200	26.903	-8.200	-26.903	20.189	0.250	371.510	1.238	6	5	3	3	4	114.551	1.557	0.842	0.715	22.917	1.121	7.737	8.676	5.054	5.589	22.139	1.342	18.633	0.539	0.584	9.210	0.823	10.210	2.529	31.987	0.000	32.232	0.019	0.000	0.000	0.000	0.000	0.000	0.000	2.169	21.391	21.391
219	8.250	27.067	-8.250	-27.067	20.443	0.244	392.920	1.194	6	5	3	3	4	114.551	1.567	0.846	0.720	23.081	1.119	7.834	8.763	5.087	5.612	22.316	1.293	18.877	0.565	0.612	8.668	0.783	9.668	2.517	31.428	0.000	32.280	0.028	0.000	0.000	0.000	0.000	0.000	0.000	2.191	21.604	21.604
220	8.300	27.231	-8.300	-27.231	20.695	0.234	396.520	1.131	6	5	3	3	4	114.551	1.576	0.851	0.725	23.245	1.116	7.930	8.849	5.110	5.623	22.489	1.224	19.120	0.563	0.609	8.784	0.797	9.784	2.500	30.703	0.000	32.327	0.030	0.000	0.000	0.000	0.000	0.000	0.000	2.212	21.816	21.816
221	8.350	27.395	-8.350	-27.395	20.956	0.237	403.070	1.131	6	5	3	3	4	114.551	1.585	0.855	0.731	23.409	1.113	8.030	8.938	5.165	5.670	22.671	1.223	19.372	0.566	0.612	8.801	0.802	9.801	2.497	30.534	0.000	32.374	0.030	0.000	0.000	0.000	0.000	0.000	0.000	2.234	22.036	22.036
222	8.400	27.559	-8.400	-27.559	22.317	0.260	390.450	1.165	6	5	4	3	4	114.551	1.595	0.859	0.736	23.574	1.110	8.552	9.495	5.458	5.976	24.132	1.255	20.723	0.513	0.553	10.797	0.970	11.797	2.480	29.803	0.000	32.663	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.374	23.409	23.409
223	8.450	27.723	-8.450	-27.723	24.340	0.275	405.230	1.130	6	5	4	3	5	114.551	1.604	0.863	0.741	23.738	1.107	9.327	10.329	5.844	6.383	26.345	1.210	22.736	0.489	0.524	12.547	1.120	13.547	2.441	28.102	0.000	33.066	-0.004	0.000	0.000	0.000	0.000	0.000	0.000	2.582	25.467	25.467
224	8.500	27.887	-8.500	-27.887	23.743	0.271	408.920	1.141	6	5	4	3	4	114.551	1.614	0.868	0.746	23.902	1.105	9.098	10.051	5.735	6.248	25.516	1.225	22.130	0.506	0.543	11.659	1.052	12.659	2.454	28.652	0.000	32.935	0.002	0.000	0.000	0.000	0.000	0.000	0.000	2.513	24.781	24.781
225	8.550	28.051	-8.550	-28.051	22.768	0.269	403.410	1.181	6	5	4	3	4	114.551	1.623	0.872	0.751	24.066	1.102	8.725	9.615	5.565	6.048	24.262	1.272	21.146	0.520	0.560	10.676	0.975	11.676	2.479	29.741	0.000	32.723	0.008	0.000	0.000	0.000	0.000	0.000	0.000	2.404	23.705	23.705
226	8.600	28.215	-8.600	-28.215	21.991	0.248	397.500	1.128	6	5	4	3	4	114.551	1.632	0.876	0.756	24.230	1.099	8.427	9.264	5.384	5.837	23.246	1.218	20.360	0.530	0.572	9.943	0.918	10.943	2.482	29.903	0.000	32.546	0.018	0.000	0.000	0.000	0.000	0.000	0.000	2.316	22.841	22.841
227	8.650	28.379	-8.650	-28.379	21.739	0.258	413.120	1.187	6	5	3	3	4	114.551	1.642	0.880	0.761	24.394	1.097	8.330	9.136	5.366	5.803	22.836	1.284	20.098	0.558	0.604	9.049	0.847	10.049	2.500	30.666	0.000	32.479	0.024	0.000	0.000	0.000	0.000	0.000	0.000	2.284	22.523	22.523
228	8.700	28.543	-8.700	-28.543	22.062	0.251	388.010	1.138	6	5	4	3	4	114.551	1.651	0.885	0.766	24.558	1.094	8.454	9.249	5.409	5.835	23.080	1.230	20.412	0.514	0.556	10.252	0.953	11.252	2.485	30.025	0.000	32.538	0.014	0.000	0.000	0.000	0.000	0.000	0.000	2.312	22.803	22.803
229	8.750	28.707	-8.750	-28.707	21.986	0.257	410.970	1.169	6	5	4	3	4	114.551	1.661	0.889	0.771	24.723	1.091	8.425	9.195	5.412	5.825	22.872	1.264	20.326	0.548	0.593	9.305	0.877	10.305	2.494	30.404	0.000	32.510	0.022	0.000	0.000	0.000	0.000	0.000	0.000	2.299	22.669	22.669
230	8.800	28.871	-8.800	-28.871	21.124	0.250	417.140	1.183	6	5	3	3	4	114.551	1.670	0.893	0.772	24.887	1.089	8.095	8.813	5.248	5.635	21.788	1.285	19.455	0.580	0.629	8.075	0.776	9.075	2.513	31.271	0.000	32.307	0.035	0.000	0.000	0.000	0.000	0.000	0.000	2.203	21.729	21.729
231	8.850	29.035	-8.850	-29.035	21.358	0.266	397.000	1.245	6	5	4	3	4	114.551	1.679	0.898	0.782	25.051	1.086	8.185	8.890	5.328	5.707																						

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AO	AR		
307	12.650	41.502	-12.650	-41.502	26.820	0.182	533.380	0.679	7	5	4	3	4	117.733	2.397	1.226	1.171	37.525	0.929	8.564	7.958	6.222	5.702	19.924	0.745	24.423	0.577	0.634	7.297	0.974	8.297	2.365	25.023	0.000	32.691	0.079	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.387	23.545	23.545
308	12.700	41.666	-12.700	-41.666	26.189	0.167	523.650	0.638	7	5	4	3	4	117.733	2.407	1.231	1.176	37.689	0.928	8.363	7.757	6.071	5.553	19.330	0.702	23.783	0.579	0.638	7.001	0.943	8.001	2.364	24.949	0.000	32.568	0.087	0.000	0.000	0.000	0.000	0.000	0.000	2.327	22.949	22.949	
309	12.750	41.830	-12.750	-41.830	26.564	0.173	519.680	0.651	7	5	4	3	5	117.733	2.417	1.235	1.181	37.854	0.926	8.483	7.853	6.156	5.620	19.555	0.716	24.149	0.566	0.623	7.376	0.991	8.376	2.363	24.915	0.000	32.628	0.081	0.000	0.000	0.000	0.000	0.000	0.000	2.356	23.235	23.235	
310	12.800	41.994	-12.800	-41.994	25.372	0.215	488.960	0.847	7	5	4	3	4	117.733	2.426	1.240	1.186	38.018	0.924	8.102	7.487	6.079	5.540	18.514	0.937	22.947	0.555	0.613	7.157	0.969	8.157	2.436	27.903	0.000	32.400	0.066	0.000	0.000	0.000	0.000	0.000	0.000	2.246	22.152	22.152	
311	12.850	42.158	-12.850	-42.158	25.172	0.236	439.180	0.938	7	5	4	3	4	117.733	2.436	1.245	1.192	38.182	0.922	8.038	7.415	6.103	5.552	18.277	1.038	22.737	0.497	0.551	8.215	1.098	9.215	2.462	29.001	0.000	32.353	0.047	0.000	0.000	0.000	0.000	0.000	0.000	2.224	21.936	21.936	
312	12.900	42.322	-12.900	-42.322	24.849	0.218	462.730	0.877	7	5	4	3	4	117.733	2.446	1.249	1.197	38.346	0.921	7.935	7.306	6.001	5.449	17.944	0.973	22.404	0.533	0.591	7.334	0.997	8.334	2.453	28.640	0.000	32.282	0.062	0.000	0.000	0.000	0.000	0.000	0.000	2.192	21.616	21.616	
313	12.950	42.486	-12.950	-42.486	24.761	0.227	482.380	0.917	7	5	4	3	4	117.733	2.455	1.254	1.202	38.510	0.919	7.907	7.267	6.013	5.450	17.802	1.018	22.307	0.560	0.621	6.745	0.930	7.745	2.465	29.142	0.000	32.257	0.067	0.000	0.000	0.000	0.000	0.000	0.000	2.180	21.501	21.501	
314	13.000	42.650	-13.000	-42.650	23.247	0.230	473.610	0.989	6	4	3	3	4	114.551	2.465	1.258	1.207	38.674	0.917	8.908	8.173	5.760	5.212	16.527	1.107	20.783	0.584	0.653	5.731	0.811	6.731	2.508	31.024	0.000	31.947	0.077	0.000	0.000	0.000	0.000	0.000	0.000	2.043	20.150	20.150	
315	13.050	42.814	-13.050	-42.814	23.466	0.236	471.930	1.006	6	4	3	3	4	114.551	2.474	1.262	1.212	38.838	0.916	8.992	8.236	5.816	5.253	16.638	1.124	20.993	0.576	0.644	5.923	0.837	6.923	2.508	31.050	0.000	31.984	0.073	0.000	0.000	0.000	0.000	0.000	0.000	2.059	20.306	20.306	
316	13.100	42.978	-13.100	-42.978	23.824	0.285	471.650	1.196	6	4	3	3	4	114.551	2.484	1.267	1.217	39.003	0.914	9.130	8.348	6.225	4.598	16.857	1.335	21.342	0.567	0.633	6.190	0.872	7.190	2.616	36.136	0.000	32.048	0.059	0.000	0.000	0.000	0.000	0.000	0.000	2.087	20.581	16.857	
317	13.150	43.143	-13.150	-43.143	23.090	0.282	467.690	1.221	6	4	3	3	4	114.551	2.493	1.271	1.222	39.167	0.913	8.848	8.077	6.095	4.468	16.215	1.369	20.598	0.579	0.649	5.685	0.813	6.685	2.636	37.137	0.000	31.890	0.066	0.000	0.000	0.000	0.000	0.000	0.000	2.019	19.913	16.215	
318	13.200	43.307	-13.200	-43.307	25.401	0.282	487.080	1.110	7	4	4	3	4	117.733	2.503	1.275	1.227	39.331	0.911	8.111	7.391	6.274	5.638	17.964	1.231	22.899	0.550	0.610	7.000	0.977	8.000	2.501	30.727	0.000	32.338	0.052	0.000	0.000	0.000	0.000	0.000	0.000	2.217	21.868	21.868	
319	13.250	43.471	-13.250	-43.471	25.194	0.285	492.480	1.131	6	4	4	3	4	114.551	2.512	1.280	1.232	39.495	0.910	9.654	8.782	6.247	5.605	17.734	1.256	22.683	0.561	0.623	6.679	0.941	7.679	2.509	31.096	0.000	32.291	0.055	0.000	0.000	0.000	0.000	0.000	0.000	2.196	21.653	21.653	
320	13.300	43.635	-13.300	-43.635	25.817	0.282	488.140	1.092	7	4	4	3	4	117.733	2.522	1.284	1.238	39.659	0.908	8.244	7.487	6.351	5.687	18.151	1.210	23.297	0.542	0.601	7.244	1.014	8.244	2.492	30.341	0.000	32.399	0.049	0.000	0.000	0.000	0.000	0.000	0.000	2.246	22.150	22.150	
321	13.350	43.799	-13.350	-43.799	26.035	0.280	503.790	1.075	7	5	4	3	4	117.733	2.531	1.289	1.243	39.823	0.907	8.314	7.537	6.386	5.709	18.248	1.191	23.505	0.556	0.616	7.004	0.988	8.004	2.486	30.072	0.000	32.431	0.053	0.000	0.000	0.000	0.000	0.000	0.000	2.261	22.297	22.297	
322	13.400	43.963	-13.400	-43.963	26.113	0.282	509.870	1.080	7	5	4	3	4	117.733	2.541	1.293	1.248	39.987	0.905	8.339	7.546	6.406	5.717	18.237	1.196	23.573	0.562	0.622	6.890	0.977	7.890	2.487	30.094	0.000	32.437	0.055	0.000	0.000	0.000	0.000	0.000	0.000	2.264	22.325	22.325	
323	13.450	44.127	-13.450	-44.127	26.375	0.316	510.150	1.198	6	4	4	3	4	114.551	2.551	1.298	1.253	40.152	0.903	10.107	9.130	6.534	5.821	18.370	1.326	23.825	0.556	0.616	7.058	1.001	8.058	2.507	31.014	0.000	32.476	0.046	0.000	0.000	0.000	0.000	0.000	0.000	2.283	22.510	22.510	
324	13.500	44.291	-13.500	-44.291	26.311	0.333	511.220	1.266	6	4	4	3	4	114.551	2.560	1.302	1.258	40.316	0.902	10.083	9.093	6.564	5.838	18.253	1.402	23.753	0.559	0.619	6.957	0.992	7.957	2.522	31.669	0.000	32.457	0.045	0.000	0.000	0.000	0.000	0.000	0.000	2.273	22.419	22.419	
325	13.550	44.455	-13.550	-44.455	26.773	0.305	477.830	1.139	7	4	4	3	4	117.733	2.569	1.306	1.263	40.480	0.900	8.549	7.698	6.582	5.845	18.538	1.260	24.205	0.510	0.564	8.082	1.136	9.082	2.491	30.294	0.000	32.532	0.036	0.000	0.000	0.000	0.000	0.000	0.000	2.309	22.774	22.774	
326	13.600	44.619	-13.600	-44.619	26.482	0.341	506.520	1.288	6	4	4	3	4	114.551	2.579	1.311	1.268	40.644	0.899	10.148	9.121	6.870	4.941	18.246	1.427	23.904	0.549	0.608	7.146	1.022	8.146	2.601	35.428	0.000	32.472	0.041	0.000	0.000	0.000	0.000	0.000	0.000	2.280	22.489	18.246	
327	13.650	44.783	-13.650	-44.783	26.051	0.344	503.090	1.321	6	4	4	3	4	114.551	2.588	1.315	1.273	40.808	0.897	9.983	8.958	6.807	4.869	17.852	1.466	23.463	0.554	0.615	6.873	0.991	7.873	2.616	36.134	0.000	32.385	0.043	0.000	0.000	0.000	0.000	0.000	0.000	2.240	22.087	17.852	
328	13.700	44.947	-13.700	-44.947	26.893	0.332	516.280	1.235	6	4	4	3	4	114.551	2.598	1.319	1.279	40.972	0.896	10.305	9.233	6.672	5.895	18.426	1.366	24.296	0.552	0.611	7.174	1.033	8.174	2.510	31.144	0.000	32.530	0.043	0.000	0.000	0.000	0.000	0.000	0.000	2.308	22.764	22.764	
329	13.750	45.111	-13.750	-45.111	27.045	0.328	519.840	1.213	6	4	4	3	4	114.551	2.607	1.323	1.284	41.136	0.894	10.364	9.270	6.691	5.903	18.474	1.342	24.439	0.553	0.611	7.178	1.036	8.178	2.505	30.888	0.000	32.549	0.044	0.000	0.000	0.000	0.000	0.000	0.000	2.318	22.856	22.856	
330	13.800	45.275	-13.800	-45.275	26.991	0.335	519.120	1.241	6	4	4	3	4	114.551	2.617	1.328	1.289	41.301	0.893	10.343	9.237	6.700	5.901	18.366	1.374	24.375	0.553	0.612	7.128	1.033	8.128	2.511	31.198	0.000	32.532	0.043	0.000	0.000	0.000	0.000	0.000	0.000	2.309	22.773	22.773	
331	13.850	45.439	-13.850	-45.439	27.176	0.282	516.760	1.038	7	5	4	3	4	117.733	2.626	1.332	1.294	41.465	0.892	8.678	7.737	6.609	5.811	18.438	1.149	24.551	0.546	0.604	7.295	1.058	8.295	2.468	29.285	0.000	32.556	0.052	0.000	0.000	0.000	0.000	0.000	0.000	2.321	22.891	22.891	
332	13.900	45.603	-13.900	-45.603	27.203	0.299	521.140	1.099	7	5	4	3	4	117.733	2.636	1.337	1.299	41.629	0.890	8.687	7.732	6.658	5.844	18.388	1.217	24.569	0.550	0.609	7.185	1.048	8.185	2.482	29.869	0.000	32.553	0.050	0.000	0.000	0.000	0.000	0.000	0.000	2.320	22.875	22.875	
333	13.950	45.767	-13.950	-45.767	28.240	0.300	504.650	1.062	7	5	4	3	4	117.733	2.645	1.341	1.304	41.793	0.																											

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103	2.450	8.038	-2.450	-8.038	2.477	0.045	44.440	1.816	1	3	3	3	3	111.369	0.471	0.252	0.220	7.042	1.700	1.187	2.017	0.808	2.716	7.977	2.243	2.006	0.471	0.582	3.335	0.104	4.335	3.010	59.191	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.134	0.146	1.880	0.403	3.979	7.977
104	2.500	8.202	-2.500	-8.202	2.707	0.043	49.240	1.588	1	3	3	3	3	111.369	0.480	0.256	0.225	7.206	1.700	1.297	2.205	0.848	2.848	8.716	1.931	2.227	0.485	0.589	3.581	0.112	4.581	2.944	54.783	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.149	0.164	2.108	0.441	4.348	8.716
105	2.550	8.366	-2.550	-8.366	2.970	0.053	54.450	1.785	1	3	3	3	3	111.369	0.490	0.260	0.230	7.370	1.700	1.423	2.418	0.923	3.102	9.558	2.137	2.480	0.495	0.592	3.895	0.122	4.895	2.933	54.056	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.165	0.184	2.384	0.484	4.770	9.558
106	2.600	8.530	-2.600	-8.530	3.584	0.051	59.950	1.423	1	4	3	3	3	111.369	0.499	0.264	0.235	7.535	1.700	1.717	2.919	1.032	3.519	11.709	1.653	3.066	0.457	0.530	5.500	0.164	6.500	2.799	45.948	0.000	25.962	0.059	0.000	0.000	0.000	0.000	0.000	0.000	0.584	5.757	11.709	
107	2.650	8.694	-2.650	-8.694	5.852	0.067	45.110	1.145	1	5	3	4	5	111.369	0.508	0.268	0.240	7.699	1.700	2.803	4.765	1.708	2.863	19.974	1.254	5.344	0.200	0.219	15.608	0.426	16.608	2.824	47.365	0.000	28.304	-0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.953	9.398	19.974	
108	2.700	8.858	-2.700	-8.858	4.838	0.095	30.060	1.964	4	4	3	4	4	114.551	0.517	0.272	0.245	7.863	1.700	3.090	5.252	1.359	4.863	15.903	2.199	4.321	0.143	0.160	13.352	0.374	14.352	2.754	43.410	0.000	27.395	-0.054	0.000	0.000	0.000	0.000	0.000	0.000	0.788	7.770	15.903	
109	2.750	9.022	-2.750	-9.022	5.076	0.104	37.760	2.049	4	4	3	4	4	114.551	0.527	0.276	0.250	8.027	1.700	3.242	5.511	1.423	4.863	16.485	2.286	4.549	0.183	0.204	13.122	0.373	14.122	2.751	43.234	0.000	27.624	-0.055	0.000	0.000	0.000	0.000	0.000	0.000	0.827	8.152	16.485	
110	2.800	9.186	-2.800	-9.186	4.580	0.092	33.620	2.009	4	4	3	4	4	114.551	0.536	0.280	0.256	8.191	1.700	2.925	4.973	1.317	4.333	14.431	2.275	4.044	0.173	0.196	11.598	0.338	12.598	2.798	45.851	0.000	27.133	-0.041	0.000	0.000	0.000	0.000	0.000	0.000	0.746	7.356	14.431	
111	2.850	9.350	-2.850	-9.350	3.815	0.087	55.210	2.281	3	3	3	3	3	111.369	0.545	0.285	0.261	8.355	1.700	3.654	6.213	1.175	3.898	11.497	2.661	3.270	0.383	0.447	6.354	0.200	7.354	2.917	53.092	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.218	0.183	3.082	0.621	6.127	11.497
112	2.900	9.514	-2.900	-9.514	4.173	0.066	43.670	1.582	1	4	3	3	4	111.369	0.554	0.289	0.266	8.519	1.700	1.999	3.398	1.199	3.764	12.547	1.824	3.618	0.263	0.303	8.742	0.269	9.742	2.796	45.760	0.000	26.688	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.680	6.702	12.547	
113	2.950	9.678	-2.950	-9.678	3.768	0.096	54.220	2.547	3	3	3	3	3	111.369	0.564	0.293	0.271	8.684	1.700	3.610	6.137	1.194	3.625	10.961	2.995	3.205	0.377	0.444	6.100	0.199	7.100	2.964	56.071	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.214	0.178	2.881	0.614	6.053	10.961
114	3.000	9.842	-3.000	-9.842	4.202	0.080	53.130	1.904	1	4	3	3	3	111.369	0.573	0.297	0.276	8.848	1.700	2.013	3.421	1.244	3.785	12.243	2.204	3.629	0.329	0.381	7.580	0.244	8.580	2.849	48.891	0.000	26.721	0.009	0.000	0.000	0.000	0.000	0.000	0.000	0.684	6.748	12.243	
115	3.050	10.006	-3.050	-10.006	4.844	0.065	35.810	1.342	1	4	3	4	4	111.369	0.582	0.301	0.281	9.012	1.700	2.320	3.944	1.328	4.062	14.186	1.525	4.262	0.173	0.196	11.401	0.357	12.401	2.710	40.977	0.000	27.400	-0.010	0.000	0.000	0.000	0.000	0.000	0.000	0.789	7.779	14.186	
116	3.100	10.170	-3.100	-10.170	4.145	0.058	53.700	1.399	1	4	3	3	4	111.369	0.591	0.305	0.286	9.176	1.700	1.986	3.375	1.192	3.505	11.675	1.632	3.555	0.335	0.391	7.110	0.237	8.110	2.797	45.846	0.000	26.657	0.034	0.000	0.000	0.000	0.000	0.000	0.000	0.675	6.658	11.675	
117	3.150	10.335	-3.150	-10.335	4.168	0.057	65.300	1.368	1	4	3	3	3	111.369	0.600	0.309	0.291	9.340	1.700	1.996	3.394	1.198	3.470	11.566	1.598	3.568	0.419	0.490	5.903	0.204	6.903	2.796	45.777	0.000	26.682	0.054	0.000	0.000	0.000	0.000	0.000	0.000	0.679	6.694	11.566	
118	3.200	10.499	-3.200	-10.499	4.361	0.057	69.080	1.307	1	4	3	3	4	111.369	0.609	0.313	0.297	9.504	1.700	2.089	3.551	1.236	3.553	12.008	1.519	3.752	0.426	0.496	6.056	0.211	7.056	2.771	44.346	0.000	26.999	0.054	0.000	0.000	0.000	0.000	0.000	0.000	0.710	7.005	12.008	
119	3.250	10.663	-3.250	-10.663	3.986	0.057	74.710	1.430	1	4	3	3	3	111.369	0.618	0.317	0.302	9.668	1.700	1.909	3.246	1.174	3.273	10.643	1.692	3.368	0.509	0.603	4.227	0.158	5.227	2.840	48.343	0.000	26.470	0.085	0.000	0.000	0.000	0.000	0.000	0.000	0.649	6.403	10.643	
120	3.300	10.827	-3.300	-10.827	4.436	0.051	77.810	1.150	1	4	3	3	4	111.369	0.627	0.321	0.307	9.833	1.700	2.125	3.612	1.242	3.472	11.883	1.339	3.809	0.478	0.557	5.262	0.192	6.262	2.748	43.045	0.000	26.980	0.075	0.000	0.000	0.000	0.000	0.000	0.000	0.722	7.124	11.883	
121	3.350	10.991	-3.350	-10.991	4.733	0.048	77.380	1.014	1	4	3	3	4	111.369	0.637	0.325	0.312	9.997	1.700	2.267	3.854	1.289	3.589	12.623	1.172	4.097	0.444	0.513	6.144	0.222	7.144	2.697	40.281	0.000	27.290	0.067	0.000	0.000	0.000	0.000	0.000	0.000	0.771	7.602	12.623	
122	3.400	11.155	-3.400	-11.155	5.161	0.049	83.410	0.949	1	4	3	3	4	111.369	0.646	0.329	0.317	10.161	1.700	2.472	4.202	1.371	3.811	13.744	1.085	4.515	0.443	0.506	6.784	0.245	7.784	2.648	37.771	0.000	27.703	0.062	0.000	0.000	0.000	0.000	0.000	0.000	0.840	8.289	13.744	
123	3.450	11.319	-3.450	-11.319	17.953	0.019	30.910	0.106	7	6	6	6	6	117.733	0.655	0.333	0.322	10.325	1.700	5.733	9.746	3.617	6.065	51.976	0.110	17.298	0.036	0.037	50.045	1.627	51.045	2.027	5.000	33.201	33.659	0.056	0.000	0.000	0.000	0.000	0.000	0.000	2.924	28.835	28.835	
124	3.500	11.483	-3.500	-11.483	36.232	0.049	10.000	0.135	8	6	8	6	7	120.915	0.665	0.338	0.327	10.489	1.700	8.678	14.752	6.574	11.021	105.394	0.138	35.568	-0.000	-0.000	105.438	3.441	106.438	1.743	5.000	53.129	37.014	-0.026	2.721	98.625	0.000	0.000	0.000	0.000	5.901	58.193	58.193	
125	3.550	11.647	-3.550	-11.647	8.368	0.130	10.960	1.553	5	4	5	5	5	114.551	0.675	0.342	0.332	10.653	1.700	4.008	6.814	2.349	3.938	22.497	1.690	7.694	0.001	0.001	22.468	0.769	23.468	2.753	43.334	0.000	30.013	-0.088	0.000	0.000	0.000	0.000	0.000	0.000	1.363	13.441	13.441	
126	3.600	11.811	-3.600	-11.811	42.447	0.231	13.970	0.544	8	6	8	6	6	120.915	0.684	0.347	0.338	10.817	1.700	10.166	17.282	8.146	13.658	120.513	0.553	41.763	0.002	0.002	120.228	4.025	121.228	1.899	10.359	57.286	37.770	-0.152	2.515	106.800	0.000	0.000	0.000	0.000	6.913	68.175	68.175	
127	3.650	11.975	-3.650	-11.975	33.720	0.438	6.480	1.299	7	6	7	6	5	117.733	0.694	0.351	0.343	10.982	1.700	10.768	18.306	7.269	12.186	94.036	1.326	33.027	-0.004	-0.004	94.436	3.211	95.436	2.195	18.822	50.498	36.670	-0.210	2.823	95.229	0.000	0.000	0.000	0.000	5.492	54.159	54.159	
128	3.700	12.139	-3.700	-12.139	20.938	0.459	12.440	2.192	6	5	7	6	5	114.551	0.704	0.356	0.348	11.146	1.700	8.023	13.640	5.174	8.674	56.899	2.567	20.234	0.002	0.002	56.785	1.969	57.785	2.502	30.766	36.659	34.394	-0.219	3.565	74.672	0.000	0.000	0.000	0.000	3.410	33.628	33.628	
129	3.750	12.303	-3.750	-12.303	26.398	0.662	33.300	2.508	6	5	7	6	4	114.551	0.713	0.360	0.353	11.310	1.700	10.116	17.197	6.398	10.726	71.369	2.288	25.885	0.026	0.027	69.461	2.429																

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR
205	7.550	24.770	-7.550	-24.770	34.778	0.162	659.570	0.466	7	6	4	3	5	117.733	1.455	0.713	0.742	23.784	1.219	11.106	13.538	7.143	8.587	46.784	0.486	33.323	0.571	0.596	18.922	1.359	19.922	2.076	5.000	41.249	35.229	0.023	3.287	114.363	0.000	0.000	0.000	4.061	40.053	40.053
206	7.600	24.934	-7.600	-24.934	33.973	0.158	671.590	0.465	7	6	4	3	5	117.733	1.464	0.717	0.747	23.948	1.215	10.849	13.183	7.007	8.397	45.351	0.486	32.509	0.595	0.622	17.149	1.246	18.149	2.086	5.000	40.486	35.102	0.032	3.329	113.153	0.000	0.000	0.000	3.955	39.002	39.002
207	7.650	25.098	-7.650	-25.098	33.666	0.141	659.310	0.419	7	6	4	3	5	117.733	1.474	0.722	0.752	24.113	1.211	10.751	13.023	6.904	8.247	44.627	0.438	32.192	0.589	0.616	17.141	1.254	18.141	2.072	5.000	40.136	35.044	0.040	3.349	112.787	0.000	0.000	0.000	3.907	38.528	38.528
208	7.700	25.262	-7.700	-25.262	33.819	0.143	645.350	0.423	7	6	4	3	5	117.733	1.484	0.726	0.758	24.277	1.208	10.799	13.041	6.938	8.263	44.546	0.442	32.336	0.573	0.600	17.839	1.310	18.839	2.073	5.000	40.176	35.050	0.036	3.347	113.224	0.000	0.000	0.000	3.912	38.582	38.582
209	7.750	25.426	-7.750	-25.426	33.616	0.157	619.290	0.467	7	6	4	3	5	117.733	1.493	0.731	0.763	24.441	1.204	10.735	12.922	6.958	8.260	43.979	0.489	32.123	0.552	0.578	18.558	1.369	19.558	2.095	5.000	39.914	35.007	0.025	3.361	113.034	0.000	0.000	0.000	3.877	38.232	38.232
210	7.800	25.590	-7.800	-25.590	32.602	0.149	637.860	0.457	7	6	4	3	5	117.733	1.503	0.735	0.768	24.605	1.200	10.411	12.944	6.773	8.016	42.314	0.479	31.100	0.587	0.616	16.269	1.216	17.269	2.105	5.000	38.948	34.646	0.038	3.415	111.376	0.000	0.000	0.000	3.748	36.964	36.964
211	7.850	25.754	-7.850	-25.754	31.972	0.155	642.590	0.485	7	6	4	3	5	117.733	1.513	0.740	0.773	24.769	1.196	10.210	12.214	6.696	7.901	41.189	0.509	0.603	0.633	15.111	1.141	16.111	2.125	16.567	38.300	34.738	0.040	3.451	110.373	0.000	0.000	0.000	3.664	36.137	36.137	
212	7.900	25.918	-7.900	-25.918	32.298	0.167	656.510	0.517	7	5	4	3	5	117.733	1.522	0.744	0.778	24.933	1.193	10.314	12.302	6.791	7.988	41.364	0.543	30.777	0.610	0.641	14.868	1.131	15.868	2.134	16.864	38.504	34.772	0.037	3.439	111.136	0.000	0.000	0.000	3.691	36.396	36.396
213	7.950	26.082	-7.950	-26.082	34.037	0.288	603.470	0.846	7	5	4	4	5	117.733	1.532	0.749	0.783	25.097	1.189	10.869	12.925	7.413	8.693	43.424	0.886	32.506	0.530	0.555	19.306	1.456	20.306	2.219	19.649	39.920	35.008	-0.023	3.361	114.441	0.000	0.000	0.000	3.877	38.239	38.239
214	8.000	26.246	-8.000	-26.246	34.286	0.293	624.060	0.855	7	5	4	4	5	117.733	1.542	0.753	0.788	25.262	1.186	10.949	12.980	7.469	8.732	43.480	0.895	32.745	0.545	0.571	18.661	1.418	19.661	2.220	19.673	40.042	35.028	-0.020	3.354	115.044	0.000	0.000	0.000	3.894	38.402	38.402
215	8.050	26.410	-8.050	-26.410	34.894	0.276	423.580	0.791	7	5	4	4	5	117.733	1.551	0.758	0.793	25.426	1.182	11.143	13.171	7.528	8.775	44.010	0.828	33.344	0.356	0.373	27.606	2.076	28.606	2.197	18.892	40.460	35.098	-0.051	3.331	116.275	0.000	0.000	0.000	3.951	38.966	38.966
216	8.100	26.574	-8.100	-26.574	34.446	0.237	600.100	0.688	7	5	4	4	5	117.733	1.561	0.762	0.799	25.590	1.178	11.000	12.963	7.356	8.550	43.147	0.721	32.886	0.521	0.545	19.619	1.505	20.619	2.172	18.082	40.004	35.022	-0.009	3.356	115.655	0.000	0.000	0.000	3.889	38.351	38.351
217	8.150	26.739	-8.150	-26.739	34.470	0.203	635.910	0.589	7	5	4	3	5	117.733	1.571	0.767	0.804	25.754	1.175	11.007	12.933	7.266	8.420	42.910	0.617	32.900	0.553	0.579	18.069	1.401	19.069	2.141	17.063	39.939	35.011	0.010	3.360	115.859	0.000	0.000	0.000	3.880	38.264	38.264
218	8.200	26.903	-8.200	-26.903	34.069	0.182	667.790	0.534	7	5	4	3	5	117.733	1.580	0.772	0.809	25.918	1.171	10.879	12.745	7.142	8.251	42.125	0.560	32.489	0.588	0.617	16.147	1.267	17.147	2.127	16.631	39.519	34.941	0.027	3.383	115.307	0.000	0.000	0.000	3.824	37.707	37.707
219	8.250	27.067	-8.250	-27.067	35.039	0.189	683.910	0.539	7	6	4	3	5	117.733	1.590	0.776	0.814	26.082	1.168	11.189	13.070	7.321	8.434	43.118	0.565	33.450	0.586	0.614	16.649	1.312	17.649	2.119	16.383	40.240	35.061	0.024	3.343	117.187	0.000	0.000	0.000	3.921	38.668	38.668
220	8.300	27.231	-8.300	-27.231	35.830	0.202	616.740	0.564	7	6	4	4	5	117.733	1.600	0.781	0.819	26.246	1.165	11.442	13.326	7.491	8.603	43.868	0.590	34.231	0.514	0.538	20.247	1.588	21.247	2.120	16.422	40.796	35.154	0.003	3.312	118.725	0.000	0.000	0.000	3.998	39.425	39.425
221	8.350	27.395	-8.350	-27.395	33.776	0.187	659.310	0.554	7	5	4	3	5	117.733	1.609	0.785	0.824	26.411	1.161	10.786	12.525	7.121	8.155	40.985	0.581	32.167	0.585	0.614	15.814	1.264	16.814	2.141	17.071	39.020	34.858	0.026	3.411	115.268	0.000	0.000	0.000	3.758	37.057	37.057
222	8.400	27.559	-8.400	-27.559	32.435	0.175	636.790	0.540	7	5	4	3	5	117.733	1.619	0.790	0.829	26.575	1.158	10.358	11.984	6.872	7.848	39.039	0.568	30.817	0.587	0.618	14.909	1.203	15.909	2.153	17.456	37.777	34.650	0.033	3.482	112.970	0.000	0.000	0.000	3.598	35.484	35.484
223	8.450	27.723	-8.450	-27.723	31.815	0.162	591.940	0.509	7	5	4	3	5	117.733	1.629	0.794	0.834	26.739	1.155	10.160	11.731	6.734	7.668	38.023	0.537	30.187	0.555	0.584	15.801	1.278	16.801	2.151	17.380	37.142	34.545	0.032	3.518	111.969	0.000	0.000	0.000	3.519	34.706	34.706
224	8.500	27.887	-8.500	-27.887	28.801	0.151	563.980	0.524	7	5	4	3	5	117.733	1.638	0.799	0.840	26.903	1.151	9.197	10.589	6.215	7.056	34.019	0.556	27.163	0.582	0.617	13.023	1.073	14.023	2.197	18.904	34.207	34.055	0.047	3.680	106.044	0.000	0.000	0.000	3.177	31.329	31.329
225	8.550	28.051	-8.550	-28.051	27.128	0.143	558.740	0.527	7	5	4	3	5	117.733	1.648	0.803	0.845	27.067	1.148	8.663	9.946	5.918	6.701	31.732	0.561	25.481	0.612	0.651	11.065	0.928	12.065	2.224	19.794	32.411	33.756	0.061	0.000	0.000	0.000	2.984	29.426	29.426		
226	8.600	28.215	-8.600	-28.215	25.507	0.118	513.690	0.463	7	5	4	3	5	117.733	1.658	0.808	0.850	27.231	1.145	8.145	9.325	5.570	6.289	29.534	0.495	23.850	0.595	0.637	10.730	0.907	11.730	2.226	5.000	30.563	33.448	0.072	0.000	0.000	0.000	2.798	27.589	27.589		
227	8.650	28.379	-8.650	-28.379	24.535	0.118	495.760	0.481	7	5	3	3	5	117.733	1.667	0.812	0.855	27.395	1.142	7.835	8.945	5.412	6.094	28.161	0.516	22.868	0.596	0.639	10.157	0.868	11.157	2.250	20.705	0.000	33.249	0.074	0.000	0.000	0.000	2.683	26.464	26.464		
228	8.700	28.543	-8.700	-28.543	23.686	0.113	497.480	0.477	7	5	3	3	5	117.733	1.677	0.817	0.860	27.560	1.138	7.564	8.611	5.257	5.902	26.952	0.513	22.009	0.619	0.666	8.990	0.781	9.990	2.264	21.207	0.000	33.068	0.086	0.000	0.000	0.000	2.583	25.477	25.477		
229	8.750	28.707	-8.750	-28.707	23.458	0.117	489.830	0.499	7	5	3	3	5	117.733	1.687	0.821	0.865	27.724	1.135	7.491	8.505	5.235	5.862	26.514	0.537	21.772	0.615	0.663	8.948	0.783	9.948	2.277	21.680	0.000	33.008	0.083	0.000	0.000	0.000	2.551	25.162	25.162		
230	8.800	28.871	-8.800	-28.871	23.304	0.103	465.240	0.442	7	5	3	3	5	117.733	1.696	0.826	0.870	27.888	1.132	7.442	8.426	5.162	5.764	26.171	0.477	21.609	0.586	0.632	9.637	0.841	10.637	2.260	5.000	0.000	32.964	0.085	0.000	0.000	0.000	2.528	24.929	24.929		
231	8.850	29.035	-8.850	-29.035	23.284	0.124	470.020	0.533	7	5	3	3	5	117.733	1.706	0.831	0.875	28.052	1.129	7.435	8.396	5.236	5.830	25.992	0.575	21.579	0.593	0.639	9.375	0.825	10.375	2.294	22.314	0.000	32.946	0.074	0.000	0.000	0.000	2.519	24.839	24.839		
232	8.900	29.199	-8.900	-29.199	23.867	0.129	4																																					