

System	T	r1	r2	r3	T1y	T2y	T3y	r1^3	r2^3	r3^3	T1^2	T2^2	T3^2	T1	T2
1	480.8	0.69	1.58	4.69	0.58	2.00	10.15	0.3322	3.9816	102.96	0.332	3.9816	102.96	277.1	959.3
2	331.1	0.77	1.47	4.73	0.68	1.78	10.30	0.4559	3.1822	106.13	0.456	3.1822	106.13	223.5	590.6
3	381.5	0.54	2.67	5.15	0.40	4.37	11.70	0.1568	19.067	136.81	0.157	19.067	136.81	151.1	1665.9
4	422.0	0.70	1.86	5.95	0.58	2.54	14.51	0.3407	6.4632	210.47	0.341	6.4632	210.47	246.3	1072.9
5	282.4	0.55	2.66	4.39	0.41	4.33	9.21	0.1676	18.778	84.838	0.168	18.778	84.838	115.6	1223.6
6	257.5	0.53	2.15	4.47	0.39	3.15	9.44	0.1497	9.9146	89.058	0.15	9.9146	89.058	99.6	810.8
7	500.2	0.66	3.15	4.09	0.54	5.59	8.28	0.2874	31.207	68.577	0.287	31.207	68.577	268.2	2794.5
8	392.9	0.67	2.86	5.59	0.55	4.84	13.21	0.304	23.446	174.37	0.304	23.446	174.37	216.6	1902.5
9	525.4	0.67	1.99	4.20	0.55	2.81	8.61	0.304	7.9047	74.182	0.304	7.9047	74.182	289.7	1477.1
10	473.1	0.65	2.18	6.32	0.53	3.22	15.87	0.2766	10.368	251.84	0.277	10.368	251.84	248.8	1523.2
11	295.5	0.73	1.90	5.32	0.62	2.62	12.26	0.389	6.8537	150.21	0.389	6.8537	150.21	184.3	773.7
12	297.7	0.70	1.66	4.02	0.59	2.14	8.05	0.3435	4.559	64.838	0.344	4.559	64.838	174.5	635.5
13	405.1	0.61	1.49	4.25	0.48	1.81	8.76	0.2303	3.2927	76.803	0.23	3.2927	76.803	194.4	735.1
14	180.2	0.59	1.57	6.15	0.45	1.97	15.23	0.2059	3.8647	232.08	0.206	3.8647	232.08	81.8	354.2
15	486.6	0.78	2.78	5.30	0.69	4.63	12.19	0.4762	21.465	148.66	0.476	21.465	148.66	335.8	2254.5
16	549.5	0.65	2.13	0.47	0.52	3.11	0.32	0.2699	9.6986	0.1038	0.27	9.6986	0.1038	285.4	1711.1
17	381.0	0.87	2.78	0.37	0.81	4.64	0.23	0.6581	21.564	0.0509	0.658	21.564	0.0509	309.1	1769.1
18	504.4	0.83	1.89	0.37	0.76	2.60	0.22	0.5761	6.7685	0.0502	0.576	6.7685	0.0502	382.9	1312.3
19	217.7	0.87	2.62	0.45	0.81	4.24	0.30	0.6508	17.994	0.0909	0.651	17.994	0.0909	175.6	923.6
20	271.6	0.78	1.58	0.41	0.68	1.99	0.27	0.4666	3.98	0.0704	0.467	3.98	0.0704	185.5	541.8
21	206.8	0.73	1.58	0.49	0.63	1.99	0.34	0.3941	3.973	0.1149	0.394	3.973	0.1149	129.8	412.2
22	431.8	0.89	1.80	0.31	0.84	2.41	0.18	0.6994	5.81	0.0313	0.699	5.81	0.0313	361.1	1040.7
23	451.8	0.88	2.80	0.44	0.82	4.68	0.29	0.6754	21.908	0.0836	0.675	21.908	0.0836	371.3	2114.5
24	430.5	0.87	2.56	0.47	0.81	4.10	0.32	0.6498	16.791	0.1011	0.65	16.791	0.1011	347.0	1763.9
25	370.7	0.79	2.54	0.49	0.70	4.05	0.35	0.4958	16.419	0.1197	0.496	16.419	0.1197	261.0	1501.9
26	281.0	0.77	2.20	0.39	0.67	3.27	0.24	0.4524	10.716	0.0588	0.452	10.716	0.0588	189.0	919.8
27	284.6	0.50	2.19	0.36	0.35	3.23	0.21	0.1257	10.464	0.0459	0.126	10.464	0.0459	100.9	920.6
28	271.1	0.84	2.69	0.49	0.78	4.40	0.34	0.6015	19.391	0.1158	0.601	19.391	0.1158	210.3	1194.0
29	501.7	0.55	2.98	0.36	0.41	5.15	0.21	0.1671	26.516	0.0455	0.167	26.516	0.0455	205.1	2583.3
30	452.9	0.58	1.57	0.30	0.44	1.97	0.17	0.1902	3.8922	0.0275	0.19	3.8922	0.0275	197.5	893.5

Notes:														
Each solar system has three planets. Some have two inferior and one superior, others have two superior and one inferior.														
T is the sidereal year														
r is the radius of each planet's orbit in astronomical units														
T1y gives the orbital period of planet 1 in years, T1 is the orbital period in days, etc.														
TS is the synodic period for each planet in days														
TZ is the zodiacal period for each planet in days														
maxE gives the maximum elongation of each inferior planet														
TQ gives the time from opposition to quadrature (in days) for each superior planet														
Tsid gives the length of the sidereal day in hours (solar day is 20 hours for all systems)														
ratio gives the ratio of the epicycle radius to the deferent radius in the Ptolemaic model														

