

Table 5.C

Potential unique Set-sums and related accords in the third narrative group of Third Nephi

Summary					
Interval type	No. of factors of close accords	No. of close accords with intervals	No. of near accords with intervals	No. of relaxed near accords with intervals	Total No.
7-day week	0	29	0	0	29
9-day cycle	0	16	0	0	16
13-day cycle	0	13	0	0	13
20-day cycle	0	8	0	0	8
30-day cycle	0	8	0	0	8
260-day calendar	1	2	0	0	3
Long Count tun	7	0	0	0	7
computing year	4	0	0	0	4
365-day year	1	0	0	0	1
819-day cycle	3	0	0	0	3
draconic month	1	31	28	26	86
sidereal month	1	29	27	30	87
synodic month	0	31	24	28	83
draconic or eclipse year	1	2	1	1	5
13-sidereal month year	1	1	1	2	5
6-synodic month semester	1	5	2	2	10
12-synodic month year	2	2	1	0	5
18-synodic month year	9	0	0	0	9
tropical year	1	0	1	0	2
sidereal year	1	0	1	0	2
Mercury sidereal period	2	8	5	9	24
Mercury synodic period	1	7	6	3	17
Venus sidereal period	7	0	3	1	11
Venus synodic period	3	0	0	0	3
Mars sidereal period	3	0	0	0	3
Mars synodic period	7	0	0	0	7
Jupiter sidereal period	7	0	0	0	7
Jupiter synodic period	4	0	0	0	4
Satum sidereal period	8	0	0	0	8
Satum synodic period	5	1	0	0	6
Total No.	81	193	100	102	476

Data

Factors of close accords

No.	Set-sum	Close accord
1.	26	1/10th of a close accord with 1 260-day calendar
2.	18	1/20th of a close accord with 1 Long Count tun (360 days)
3.	24	1/15th of a close accord with 1 Long Count tun (360 days)
4.	36	1/10th of a close accord with 1 Long Count tun (360 days)
5.	60	1/6th of a close accord with 1 Long Count tun (360 days)
6.	72	1/5th of a close accord with 1 Long Count tun (360 days)
7.	90	1/4th of a close accord with 1 Long Count tun (360 days)
8.	120	1/3rd of a close accord with 1 Long Count tun (360 days)
9.	7	1/52nd of a close accord with 1 computing year (364 days)

No.	Set-sum	Close accord
10.	26	1/14th of a close accord with 1 computing year (364 days)
11.	28	1/13th of a close accord with 1 computing year (364 days)
12.	91	1/4th of a close accord with 1 computing year (364 days)
13.	73	1/5th of a close accord with 1 365-day year
14.	7	1/117th of a close accord with 1 819-day cycle
15.	63	1/13th of a close accord with 1 819-day cycle
16.	91	1/9th of a close accord with 1 819-day cycle
17.	7	1/4th of a close accord with 1 mean draconic month (about 27.21222 days)
18.	7	1/4th of a close accord with 1 mean sidereal month (about 27.32166 days)
19.	173	1/2 of a close accord with 1 mean draconic year (about 346.6201 days)
20.	178	1/2 of a close accord with the length of 1 13-sidereal month year (about 355.1816 days)
21.	59	1/3rd of a close accord with 1 6-synodic month semester (about 177.1835 days)
22.	59	1/6th of a close accord with 1 12-synodic month year (about 354.3671 days)
23.	177	1/2 of a close accord with 1 12-synodic month year (about 354.3671 days)
24.	7	1/76th of a close accord with 1 18-synodic month year (about 531.5506 days)
25.	19	1/28th of a close accord with 1 18-synodic month year (about 531.5506 days)
26.	28	1/19th of a close accord with 1 18-synodic month year (about 531.5506 days)
27.	38	1/14th of a close accord with 1 18-synodic month year (about 531.5506 days)
28.	59	1/9th of a close accord with 1 18-synodic month year (about 531.5506 days)
29.	76	1/7th of a close accord with 1 18-synodic month year (about 531.5506 days)
30.	133	1/4th of a close accord with 1 18-synodic month year (about 531.5506 days)
31.	177	1/3rd of a close accord with 1 18-synodic month year (about 531.5506 days)
32.	266	1/2 of a close accord with 1 18-synodic month year (about 531.5506 days)
33.	73	1/5th of a close accord with 1 tropical year (about 365.2422 days)
34.	73	1/5th of a close accord with 1 sidereal year (about 365.2564 days)
35.	22	1/4th of a close accord with 1 mean sidereal period of Mercury (about 87.9694 days)
36.	44	1/2 a close accord with 1 mean sidereal period of Mercury (about 87.9694 days)
37.	58	1/2 of a close accord with 1 mean synodic period of Mercury (about 115.8775 days)
38.	16	1/14th of a close accord with 1 mean sidereal period of Venus (about 224.7012 days)
39.	25	1/9th of a close accord with 1 mean sidereal period of Venus (about 224.7012 days)
40.	28	1/8th of a close accord with 1 mean sidereal period of Venus (about 224.7012 days)
41.	32	1/7th of a close accord with 1 mean sidereal period of Venus (about 224.7012 days)
42.	56	1/4th of a close accord with 1 mean sidereal period of Venus (about 224.7012 days)
43.	75	1/3rd of a close accord with 1 mean sidereal period of Venus (about 224.7012 days)
44.	112	1/2 of a close accord with 1 mean sidereal period of Venus (about 224.7012 days)
45.	53	1/11th of a close accord with 1 mean synodic period of Venus (about 583.9217 days)
46.	73	1/8th of a close accord with 1 mean synodic period of Venus (about 583.9217 days)
47.	292	1/2 of a close accord with 1 mean synodic period of Venus (about 583.9217 days)
48.	49	1/14th of a close accord with 1 mean sidereal period of Mars (about 686.9958 days)
49.	98	1/7th of a close accord with 1 mean sidereal period of Mars (about 686.9958 days)
50.	229	1/3rd of a close accord with 1 mean sidereal period of Mars (about 686.9958 days)
51.	19	1/41st of a close accord with 1 mean synodic period of Mars (about 779.9365 days)
52.	26	1/30th of a close accord with 1 mean synodic period of Mars (about 779.9365 days)
53.	41	1/19th of a close accord with 1 mean synodic period of Mars (about 779.9365 days)
54.	60	1/13th of a close accord with 1 mean synodic period of Mars (about 779.9365 days)
55.	195	1/4th of a close accord with 1 mean synodic period of Mars (about 779.9365 days)
56.	260	1/3rd of a close accord with 1 mean synodic period of Mars (about 779.9365 days)
57.	390	1/2 of a close accord with 1 mean synodic period of Mars (about 779.9365 days)
58.	7	1/619th of a close accord with 1 mean sidereal period of Jupiter (about 4332.8486 days)
59.	19	1/228th of a close accord with 1 mean sidereal period of Jupiter (about 4332.8486 days)
60.	38	1/114th of a close accord with 1 mean sidereal period of Jupiter (about 4332.8486 days)
61.	57	1/76th of a close accord with 1 mean sidereal period of Jupiter (about 4332.8486 days)
62.	76	1/57th of a close accord with 1 mean sidereal period of Jupiter (about 4332.8486 days)
63.	114	1/38th of a close accord with 1 mean sidereal period of Jupiter (about 4332.8486 days)
64.	361	1/12th of a close accord with 1 mean sidereal period of Jupiter (about 4332.8486 days)
65.	7	1/57th of a close accord with 1 mean synodic period of Jupiter (about 398.8842 days)
66.	19	1/21st of a close accord with 1 mean synodic period of Jupiter (about 398.8842 days)

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No.	Set-sum	Close accord
67.	57	1/7th of a close accord with 1 mean synodic period of Jupiter (about 398.8842 days)
68.	133	1/3rd of a close accord with 1 mean synodic period of Jupiter (about 398.8842 days)
69.	18	1/598th of a close accord with 1 mean sidereal period of Saturn (about 10764.44 days)
70.	26	1/414th of a close accord with 1 mean sidereal period of Saturn (about 10764.44 days)
71.	36	1/299th of a close accord with 1 mean sidereal period of Saturn (about 10764.44 days)
72.	69	1/156th of a close accord with 1 mean sidereal period of Saturn (about 10764.44 days)
73.	138	1/78th of a close accord with 1 mean sidereal period of Saturn (about 10764.44 days)
74.	276	1/39th of a close accord with 1 mean sidereal period of Saturn (about 10764.44 days)
75.	299	1/36th of a close accord with 1 mean sidereal period of Saturn (about 10764.44 days)
76.	414	1/26th of a close accord with 1 mean sidereal period of Saturn (about 10764.44 days)
77.	7	1/54th of a close accord with 1 mean synodic period of Saturn (about 378.0921 days)
78.	18	1/21st of a close accord with 1 mean synodic period of Saturn (about 378.0921 days)
79.	42	1/9th of a close accord with 1 mean synodic period of Saturn (about 378.0921 days)
80.	63	1/6th of a close accord with 1 mean synodic period of Saturn (about 378.0921 days)
81.	126	1/3rd of a close accord with 1 mean synodic period of Saturn (about 378.0921 days)

Close accords with intervals

No.	Set-sum	Close accord
1.	7	a close accord with the length of 1 7-day week
2.	28	a close accord with the length of 4 7-day weeks
3.	35	a close accord with the length of 5 7-day weeks
4.	42	a close accord with the length of 6 7-day weeks
5.	49	a close accord with the length of 7 7-day weeks
6.	56	a close accord with the length of 8 7-day weeks
7.	63	a close accord with the length of 9 7-day weeks
8.	91	a close accord with the length of 13 7-day weeks
9.	98	a close accord with the length of 14 7-day weeks
10.	112	a close accord with the length of 16 7-day weeks
11.	119	a close accord with the length of 17 7-day weeks
12.	126	a close accord with the length of 18 7-day weeks
13.	133	a close accord with the length of 19 7-day weeks
14.	140	a close accord with the length of 20 7-day weeks
15.	154	a close accord with the length of 22 7-day weeks
16.	161	a close accord with the length of 23 7-day weeks
17.	168	a close accord with the length of 24 7-day weeks
18.	175	a close accord with the length of 25 7-day weeks
19.	210	a close accord with the length of 30 7-day weeks
20.	217	a close accord with the length of 31 7-day weeks
21.	231	a close accord with the length of 33 7-day weeks
22.	238	a close accord with the length of 34 7-day weeks
23.	252	a close accord with the length of 36 7-day weeks
24.	266	a close accord with the length of 38 7-day weeks
25.	294	a close accord with the length of 42 7-day weeks
26.	329	a close accord with the length of 47 7-day weeks
27.	378	a close accord with the length of 54 7-day weeks
28.	392	a close accord with the length of 56 7-day weeks
29.	406	a close accord with the length of 58 7-day weeks
30.	18	a close accord with the length of 2 9-day cycles
31.	36	a close accord with the length of 4 9-day cycles
32.	63	a close accord with the length of 7 9-day cycles
33.	72	a close accord with the length of 8 9-day cycles
34.	81	a close accord with the length of 9 9-day cycles
35.	90	a close accord with the length of 10 9-day cycles
36.	99	a close accord with the length of 11 9-day cycles
37.	126	a close accord with the length of 14 9-day cycles
38.	135	a close accord with the length of 15 9-day cycles
39.	144	a close accord with the length of 16 9-day cycles
40.	162	a close accord with the length of 18 9-day cycles
41.	198	a close accord with the length of 22 9-day cycles

Table 5.C-3

No.	Set-sum	Close accord
42.	216	a close accord with the length of 24 9-day cycles
43.	252	a close accord with the length of 28 9-day cycles
44.	378	a close accord with the length of 42 9-day cycles
45.	414	a close accord with the length of 46 9-day cycles
46.	26	a close accord with the length of 2 13-day cycles
47.	91	a close accord with the length of 7 13-day cycles
48.	104	a close accord with the length of 8 13-day cycles
49.	169	a close accord with the length of 13 13-day cycles
50.	195	a close accord with the length of 15 13-day cycles
51.	221	a close accord with the length of 17 13-day cycles
52.	247	a close accord with the length of 19 13-day cycles
53.	260	a close accord with the length of 20 13-day cycles
54.	286	a close accord with the length of 22 13-day cycles
55.	299	a close accord with the length of 23 13-day cycles
56.	325	a close accord with the length of 25 13-day cycles
57.	390	a close accord with the length of 30 13-day cycles
58.	442	a close accord with the length of 34 13-day cycles
59.	60	a close accord with the length of 3 20-day cycles
60.	120	a close accord with the length of 6 20-day cycles
61.	140	a close accord with the length of 7 20-day cycles
62.	160	a close accord with the length of 8 20-day cycles
63.	200	a close accord with the length of 10 20-day cycles
64.	220	a close accord with the length of 11 20-day cycles
65.	260	a close accord with the length of 13 20-day cycles
66.	300	a close accord with the length of 15 20-day cycles
67.	60	a close accord with the length of 2 30-day cycles
68.	90	a close accord with the length of 3 30-day cycles
69.	120	a close accord with the length of 4 30-day cycles
70.	150	a close accord with the length of 5 30-day cycles
71.	210	a close accord with the length of 7 30-day cycles
72.	300	a close accord with the length of 10 30-day cycles
73.	330	a close accord with the length of 11 30-day cycles
74.	390	a close accord with the length of 13 30-day cycles
75.	260	a close accord with the length of 1 260-day calendar
76.	390	a close accord with the length of 1.5 260-day calendars
77.	28	a close accord with the length of 1 mean draconic month (about 27.21222 days)
78.	41	a close accord with the length of 1.5 mean draconic months (about 40.8183 days)
79.	55	a close accord with the length of 2 mean draconic months (about 54.4244 days)
80.	68	a close accord with the length of 2.5 mean draconic months (about 68.0306 days)
81.	69	a close accord with the length of 2.5 mean draconic months (about 68.0306 days)
82.	81	a close accord with the length of 3 mean draconic months (about 81.6367 days)
83.	82	a close accord with the length of 3 mean draconic months (about 81.6367 days)
84.	95	a close accord with the length of 3.5 mean draconic months (about 95.2428 days)
85.	109	a close accord with the length of 4 mean draconic months (about 108.8489 days)
86.	123	a close accord with the length of 4.5 mean draconic months (about 122.4550 days)
87.	137	a close accord with the length of 5 mean draconic months (about 136.0611 days)
88.	149	a close accord with the length of 5.5 mean draconic months (about 149.6672 days)
89.	150	a close accord with the length of 5.5 mean draconic months (about 149.6672 days)
90.	177	a close accord with the length of 6.5 mean draconic months (about 176.8794 days)
91.	191	a close accord with the length of 7 mean draconic months (about 190.4855 days)
92.	204	a close accord with the length of 7.5 mean draconic months (about 204.0917 days)
93.	205	a close accord with the length of 7.5 mean draconic months (about 204.0917 days)
94.	217	a close accord with the length of 8 mean draconic months (about 217.6978 days)
95.	231	a close accord with the length of 8.5 mean draconic months (about 231.3039 days)
96.	272	a close accord with the length of 10 mean draconic months (about 272.1222 days)
97.	285	a close accord with the length of 10.5 mean draconic months (about 285.7283 days)
98.	299	a close accord with the length of 11 mean draconic months (about 299.3344 days)
99.	300	a close accord with the length of 11 mean draconic months (about 299.3344 days)
100.	326	a close accord with the length of 12 mean draconic months (about 326.5466 days)
101.	327	a close accord with the length of 12 mean draconic months (about 326.5466 days)

Table 5.C-4

No.	Set-sum	Close accord
102.	353	a close accord with the length of 13 mean draconic months (about 353.7589 days)
103.	354	a close accord with the length of 13 mean draconic months (about 353.7589 days)
104.	367	a close accord with the length of 13.5 mean draconic months (about 367.3650 days)
105.	394	a close accord with the length of 14.5 mean draconic month (about 394.5772 days)
106.	409	a close accord with the length of 15 mean draconic months (about 408.1833 days)
107.	422	a close accord with the length of 15.5 mean draconic months (about 421.7894 days)
108.	28	a close accord with the length of 1 mean sidereal month (about 27.32166 days)
109.	41	a close accord with the length of 1.5 mean sidereal months (about 40.9825 days)
110.	55	a close accord with the length of 2 mean sidereal months (about 54.6433 days)
111.	68	a close accord with the length of 2.5 mean sidereal months (about 68.3042 days)
112.	69	a close accord with the length of 2.5 mean sidereal months (about 68.3042 days)
113.	81	a close accord with the length of 3 mean sidereal months (about 81.9650 days)
114.	82	a close accord with the length of 3 mean sidereal months (about 81.9650 days)
115.	95	a close accord with the length of 3.5 mean sidereal months (about 95.6258 days)
116.	109	a close accord with the length of 4 mean sidereal months (about 109.2866 days)
117.	110	a close accord with the length of 4 mean sidereal months (about 109.2866 days)
118.	123	a close accord with the length of 4.5 mean sidereal months (about 122.9475 days)
119.	137	a close accord with the length of 5 mean sidereal months (about 136.6083 days)
120.	150	a close accord with the length of 5.5 mean sidereal months (about 150.2691 days)
121.	177	a close accord with the length of 6.5 mean sidereal months (about 177.5908 days)
122.	178	a close accord with the length of 6.5 mean sidereal months (about 177.5908 days)
123.	191	a close accord with the length of 7 mean sidereal months (about 191.2516 days)
124.	192	a close accord with the length of 7 mean sidereal months (about 191.2516 days)
125.	204	a close accord with the length of 7.5 mean sidereal months (about 204.9125 days)
126.	205	a close accord with the length of 7.5 mean sidereal months (about 204.9125 days)
127.	219	a close accord with the length of 8 mean sidereal months (about 218.5733 days)
128.	233	a close accord with the length of 8.5 mean sidereal months (about 232.2341 days)
129.	246	a close accord with the length of 9 mean sidereal months (about 245.8949 days)
130.	260	a close accord with the length of 9.5 mean sidereal months (about 259.5558 days)
131.	274	a close accord with the length of 10 mean sidereal months (about 273.2166 days)
132.	300	a close accord with the length of 11 mean sidereal months (about 300.5383 days)
133.	327	a close accord with the length of 12 mean sidereal months (about 327.8599 days)
134.	328	a close accord with the length of 12 mean sidereal months (about 327.8599 days)
135.	355	a close accord with the length of 13 mean sidereal months (about 355.1816 days)
136.	409	a close accord with the length of 15 mean sidereal months (about 409.8249 days)
137.	44	a close accord with the length of 1.5 mean synodic months (about 44.2959 days)
138.	59	a close accord with the length of 2 mean synodic months (about 59.0612 days)
139.	60	a close accord with the length of 2 mean synodic months (about 59.0612 days)
140.	73	a close accord with the length of 2.5 mean synodic months (about 73.8265 days)
141.	74	a close accord with the length of 2.5 mean synodic months (about 73.8265 days)
142.	88	a close accord with the length of 3 mean synodic months (about 88.5918 days)
143.	104	a close accord with the length of 3.5 mean synodic months (about 103.3571 days)
144.	119	a close accord with the length of 4 mean synodic months (about 118.1224 days)
145.	132	a close accord with the length of 4.5 mean synodic months (about 132.8877 days)
146.	133	a close accord with the length of 4.5 mean synodic months (about 132.8877 days)
147.	148	a close accord with the length of 5 mean synodic months (about 147.6530 days)
148.	162	a close accord with the length of 5.5 mean synodic months (about 162.4182 days)
149.	177	a close accord with the length of 6 mean synodic months (about 177.1835 days)
150.	178	a close accord with the length of 6 mean synodic months (about 177.1835 days)
151.	191	a close accord with the length of 6.5 mean synodic months (about 191.9488 days)
152.	192	a close accord with the length of 6.5 mean synodic months (about 191.9488 days)
153.	206	a close accord with the length of 7 mean synodic months (about 206.7141 days)
154.	221	a close accord with the length of 7.5 mean synodic months (about 221.4794 days)
155.	236	a close accord with the length of 8 mean synodic months (about 236.2447 days)
156.	251	a close accord with the length of 8.5 mean synodic months (about 251.0100 days)
157.	252	a close accord with the length of 8.5 mean synodic months (about 251.0100 days)
158.	266	a close accord with the length of 9 mean synodic months (about 265.7753 days)
159.	310	a close accord with the length of 10.5 mean synodic months (about 310.0712 days)
160.	311	a close accord with the length of 10.5 mean synodic months (about 310.0712 days)
161.	325	a close accord with the length of 11 mean synodic months (about 324.8365 days)
162.	339	a close accord with the length of 11.5 mean synodic months (about 339.6018 days)

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No.	Set-sum	Close accord
163.	354	a close accord with the length of 12 mean synodic months (about 354.3671 days)
164.	355	a close accord with the length of 12 mean synodic months (about 354.3671 days)
165.	370	a close accord with the length of 12.5 mean synodic months (about 369.1324 days)
166.	414	a close accord with the length of 14 mean synodic months (about 413.4283 days)
167.	442	a close accord with the length of 15 mean synodic months (about 442.9589 days)
168.	346	a close accord with the length of 1 mean draconic year (about 346.6201 days)
169.	347	a close accord with the length of 1 mean draconic year (about 346.6201 days)
170.	355	a close accord with the length of 1 13-sidereal month year (about 355.1816 days)
171.	177	a close accord with the length of 1 6-synodic month semester (about 177.1835 days)
172.	178	a close accord with the length of 1 6-synodic month semester (about 177.1835 days)
173.	266	a close accord with the length of 1.5 6-synodic month semesters (about 265.7753 days)
174.	354	a close accord with the length of 2 6-synodic month semesters (about 354.3671 days)
175.	355	a close accord with the length of 2 6-synodic month semesters (about 354.3671 days)
176.	354	a close accord with the length of 1 12-synodic month year (about 354.3671 days)
177.	355	a close accord with the length of 1 12-synodic month year (about 354.3671 days)
178.	87	a close accord with the length of 1 mean sidereal period of Mercury (about 87.9694 days)
189.	88	a close accord with the length of 1 mean sidereal period of Mercury (about 87.9694 days)
180.	131	a close accord with the length of 1.5 mean sidereal periods of Mercury (about 131.9541 days)
181.	132	a close accord with the length of 1.5 mean sidereal periods of Mercury (about 131.9541 days)
182.	175	a close accord with the length of 2 mean sidereal periods of Mercury (about 175.9388 days)
183.	219	a close accord with the length of 2.5 mean sidereal periods of Mercury (about 219.9235 days)
184.	220	a close accord with the length of 2.5 mean sidereal periods of Mercury (about 219.9235 days)
185.	307	a close accord with the length of 3.5 mean sidereal periods of Mercury (about 307.8929 days)
186.	115	a close accord with the length of 1 mean synodic periods of Mercury (about 115.8775 days)
187.	116	a close accord with the length of 1 mean synodic period of Mercury (about 115.8775 days)
188.	173	a close accord with the length of 1.5 mean synodic periods of Mercury (about 173.8163 days)
189.	231	a close accord with the length of 2 mean synodic periods of Mercury (about 231.7551 days)
190.	347	a close accord with the length of 3 mean synodic periods of Mercury (about 347.6326 days)
191.	348	a close accord with the length of 3 mean synodic periods of Mercury (about 347.6326 days)
192.	406	a close accord with the length of 3.5 mean synodic periods of Mercury (about 405.5714 days)
193.	378	a close accord with the length of 1 mean synodic period of Saturn (about 378.0921 days)

Near accords with intervals

No.	Set-sum	Near accord
1.	26	a near accord with the length of 1 mean draconic month (about 27.21222 days)
2.	53	a near accord with the length of 2 mean draconic months (about 54.4244 days)
3.	56	a near accord with the length of 2 mean draconic months (about 54.4244 days)
4.	94	a near accord with the length of 3.5 mean draconic months (about 95.2428 days)
5.	97	a near accord with the length of 3.5 mean draconic months (about 95.2428 days)
6.	107	a near accord with the length of 4 mean draconic months (about 108.8489 days)
7.	110	a near accord with the length of 4 mean draconic months (about 108.8489 days)
8.	135	a near accord with the length of 5 mean draconic months (about 136.0611 days)
9.	138	a near accord with the length of 5 mean draconic months (about 136.0611 days)
10.	148	a near accord with the length of 5.5 mean draconic months (about 149.6672 days)
11.	162	a near accord with the length of 6 mean draconic months (about 163.2733 days)
12.	165	a near accord with the length of 6 mean draconic months (about 163.2733 days)
13.	175	a near accord with the length of 6.5 mean draconic months (about 176.8794 days)
14.	178	a near accord with the length of 6.5 mean draconic months (about 176.8794 days)
15.	192	a near accord with the length of 7 mean draconic months (about 190.4855 days)
16.	206	a near accord with the length of 7.5 mean draconic months (about 204.0917 days)
17.	216	a near accord with the length of 8 mean draconic months (about 217.6978 days)
18.	219	a near accord with the length of 8 mean draconic months (about 217.6978 days)
19.	230	a near accord with the length of 8.5 mean draconic months (about 231.3039 days)
20.	233	a near accord with the length of 8.5 mean draconic months (about 231.3039 days)
21.	246	a near accord with the length of 9 mean draconic months (about 244.9100 days)
22.	260	a near accord with the length of 9.5 mean draconic months (about 258.5161 days)
23.	274	a near accord with the length of 10 mean draconic months (about 272.1222 days)
24.	311	a near accord with the length of 11.5 mean draconic months (about 312.9405 days)

Table 5.C-6

No.	Set-sum	Near accord
25.	325	a near accord with the length of 12 mean draconic months (about 326.5466 days)
26.	328	a near accord with the length of 12 mean draconic months (about 326.5466 days)
27.	339	a near accord with the length of 12.5 mean draconic months (about 340.1528 days)
28.	355	a near accord with the length of 13 mean draconic months (about 353.7589 days)
29.	26	a near accord with the length of 1 mean sidereal month (about 27.32166 days)
30.	53	a near accord with the length of 2 mean sidereal months (about 54.6433 days)
31.	56	a near accord with the length of 2 mean sidereal months (about 54.6433 days)
32.	94	a near accord with the length of 3.5 mean sidereal months (about 95.6258 days)
33.	97	a near accord with the length of 3.5 mean sidereal months (about 95.6258 days)
34.	135	a near accord with the length of 5 mean sidereal months (about 136.6083 days)
35.	138	a near accord with the length of 5 mean sidereal months (about 136.6083 days)
36.	149	a near accord with the length of 5.5 mean sidereal months (about 150.2691 days)
37.	152	a near accord with the length of 5.5 mean sidereal months (about 150.2691 days)
38.	162	a near accord with the length of 6 mean sidereal months (about 163.9300 days)
39.	165	a near accord with the length of 6 mean sidereal months (about 163.9300 days)
40.	179	a near accord with the length of 6.5 mean sidereal months (about 177.5908 days)
41.	206	a near accord with the length of 7.5 mean sidereal months (about 204.9125 days)
42.	217	a near accord with the length of 8 mean sidereal months (about 218.5733 days)
43.	220	a near accord with the length of 8 mean sidereal months (about 218.5733 days)
44.	231	a near accord with the length of 8.5 mean sidereal months (about 232.2341 days)
45.	247	a near accord with the length of 9 mean sidereal months (about 245.8949 days)
46.	272	a near accord with the length of 10 mean sidereal months (about 273.2166 days)
47.	285	a near accord with the length of 10.5 mean sidereal months (about 286.8774 days)
48.	299	a near accord with the length of 11 mean sidereal months (about 300.5383 days)
49.	302	a near accord with the length of 11 mean sidereal months (about 300.5383 days)
50.	326	a near accord with the length of 12 mean sidereal months (about 327.8599 days)
51.	329	a near accord with the length of 12 mean sidereal months (about 327.8599 days)
52.	354	a near accord with the length of 13 mean sidereal months (about 355.1816 days)
53.	367	a near accord with the length of 13.5 mean sidereal months (about 368.8424 days)
54.	370	a near accord with the length of 13.5 mean sidereal months (about 368.8424 days)
55.	422	a near accord with the length of 15.5 mean sidereal months (about 423.4857 days)
56.	28	a near accord with the length of 1 mean synodic month (about 29.53059 days)
57.	43	a near accord with the length of 1.5 mean synodic months (about 44.2959 days)
58.	58	a near accord with the length of 2 mean synodic months (about 59.0612 days)
59.	61	a near accord with the length of 2 mean synodic months (about 59.0612 days)
60.	72	a near accord with the length of 2.5 mean synodic months (about 73.8265 days)
61.	75	a near accord with the length of 2.5 mean synodic month (about 73.8265 days)
62.	87	a near accord with the length of 3 mean synodic months (about 88.5918 days)
63.	90	a near accord with the length of 3 mean synodic months (about 88.5918 days)
64.	120	a near accord with the length of 4 mean synodic months (about 118.1224 days)
65.	131	a near accord with the length of 4.5 mean synodic months (about 132.8877 days)
66.	134	a near accord with the length of 4.5 mean synodic months (about 132.8877 days)
67.	149	a near accord with the length of 5 mean synodic months (about 147.6530 days)
68.	161	a near accord with the length of 5.5 mean synodic months (about 162.4182 days)
69.	179	a near accord with the length of 6 mean synodic months (about 177.1835 days)
70.	205	a near accord with the length of 7 mean synodic months (about 206.7141 days)
71.	220	a near accord with the length of 7.5 mean synodic months (about 221.4794 days)
72.	223	a near accord with the length of 7.5 mean synodic months (about 221.4794 days)
73.	235	a near accord with the length of 8 mean synodic months (about 236.2447 days)
74.	238	a near accord with the length of 8 mean synodic months (about 236.2447 days)
75.	267	a near accord with the length of 9 mean synodic months (about 265.7753 days)
76.	282	a near accord with the length of 9.5 mean synodic months (about 280.5406 days)
77.	294	a near accord with the length of 10 mean synodic months (about 295.3059 days)
78.	326	a near accord with the length of 11 mean synodic months (about 324.8365 days)
79.	353	a near accord with the length of 12 mean synodic months (about 354.3671 days)
80.	348	a near accord with the length of 1 mean draconic year (about 346.6201 days)
81.	354	a near accord with the length of 1 13-sidereal month year (about 355.1816 days)
82.	179	a near accord with the length of 1 6-synodic month semester (about 177.1835 days)
83.	353	a near accord with the length of 2 6-synodic month semesters (about 354.3671 days)
84.	353	a near accord with the length of 1 12-synodic month year (about 354.3671 days)

Table 5.C-7

No.	Set-sum	Near accord
85.	367	a near accord with the length of 1 mean tropical year (about 365.2422 days)
86.	367	a near accord with the length of 1 mean sidereal year (about 365.2564 days)
87.	133	a near accord with the length of 1.5 mean sidereal periods of Mercury (about 131.9541 days)
88.	177	a near accord with the length of 2 mean sidereal period of Mercury (about 175.9388 days)
89.	221	a near accord with the length of 2.5 mean sidereal periods of Mercury (about 219.9235 days)
90.	353	a near accord with the length of 4 mean sidereal periods of Mercury (about 351.8776 days)
91.	394	a near accord with the length of 4.5 mean sidereal periods of Mercury (about 395.8623 days)
92.	114	a near accord with the length of 1 mean synodic period of Mercury (about 115.8775 days)
93.	175	a near accord with the length of 1.5 mean synodic periods of Mercury (about 173.8163 days)
94.	230	a near accord with the length of 2 mean synodic periods of Mercury (about 231.7551 days)
95.	233	a near accord with the length of 2 mean synodic periods of Mercury (about 231.7551 days)
96.	291	a near accord with the length of 2.5 mean synodic periods of Mercury (about 289.6939 days)
97.	346	a near accord with the length of 3 mean synodic periods of Mercury (about 347.6326 days)
98.	223	a near accord with the length of 1 mean sidereal period of Venus (about 224.7012 days)
99.	294	a near accord with the length of 1 mean Venus SESI (about 295.6 days)
100.	339	a near accord with the length of 1.5 mean sidereal periods of Venus (about 337.0517 days)

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Relaxed near accords with intervals

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No.	Set-sum	Relaxed near accord
1.	25	a shorter near accord with the length of 1 mean draconic month (about 27.21222 days)
2.	38	a shorter near accord with the length of 1.5 mean draconic months (about 40.8183 days)
3.	79	a shorter near accord with the length of 3 mean draconic months (about 81.6367 days)
4.	93	a shorter near accord with the length of 3.5 mean draconic months (about 95.2428 days)
5.	120	a shorter near accord with the length of 4.5 mean draconic months (about 122.4550 days)
6.	134	a shorter near accord with the length of 5 mean draconic months (about 136.0611 days)
7.	161	a shorter near accord with the length of 6 mean draconic months (about 163.2733 days)
8.	188	a shorter near accord with the length of 7 mean draconic months (about 190.4855 days)
9.	229	a shorter near accord with the length of 8.5 mean draconic months (about 231.3039 days)
10.	256	a shorter near accord with the length of 9.5 mean draconic months (about 258.5161 days)
11.	283	a shorter near accord with the length of 10.5 mean draconic months (about 285.7283 days)
12.	378	a shorter near accord with the length of 14 mean draconic months (about 380.9711 days)
13.	392	a shorter near accord with the length of 14.5 mean draconic months (about 394.5772 days)
14.	406	a shorter near accord with the length of 15 mean draconic months (about 408.1833 days)
15.	43	a longer near accord with the length of 1.5 mean draconic months (about 40.8183 days)
16.	57	a longer near accord with the length of 2 mean draconic months (about 54.4244 days)
17.	98	a longer near accord with the length of 3.5 mean draconic months (about 95.2428 days)
18.	125	a longer near accord with the length of 4.5 mean draconic months (about 122.4550 days)
19.	139	a longer near accord with the length of 5 mean draconic months (about 136.0611 days)
20.	152	a longer near accord with the length of 5.5 mean draconic months (about 149.6672 days)
21.	179	a longer near accord with the length of 6.5 mean draconic months (about 176.8794 days)
22.	220	a longer near accord with the length of 8 mean draconic months (about 217.6978 days)
23.	247	a longer near accord with the length of 9 mean draconic months (about 244.9100 days)
24.	302	a longer near accord with the length of 11 mean draconic months (about 299.3344 days)
25.	329	a longer near accord with the length of 12 mean draconic months (about 326.5466 days)
26.	370	a longer near accord with the length of 13.5 mean draconic months (about 367.3650 days)
27.	25	a shorter near accord with the length of 1 mean sidereal month (about 27.32166 days)
28.	38	a shorter near accord with the length of 1.5 mean sidereal months (about 40.9825 days)
29.	79	a shorter near accord with the length of 3 mean sidereal months (about 81.9650 days)
30.	93	a shorter near accord with the length of 3.5 mean sidereal months (about 95.6258 days)
31.	107	a shorter near accord with the length of 4 mean sidereal months (about 109.2866 days)
32.	120	a shorter near accord with the length of 4.5 mean sidereal months (about 122.9475 days)
33.	134	a shorter near accord with the length of 5 mean sidereal months (about 136.6083 days)
34.	148	a shorter near accord with the length of 5.5 mean sidereal months (about 150.2691 days)
35.	161	a shorter near accord with the length of 6 mean sidereal months (about 163.9300 days)
36.	175	a shorter near accord with the length of 6.5 mean sidereal months (about 177.5908 days)
37.	216	a shorter near accord with the length of 8 mean sidereal months (about 218.5733 days)
38.	230	a shorter near accord with the length of 8.5 mean sidereal months (about 232.2341 days)
39.	325	a shorter near accord with the length of 12 mean sidereal months (about 327.8599 days)
40.	339	a shorter near accord with the length of 12.5 mean sidereal months (about 341.5208 days)

Table 5.C-8



No.	Set-sum	Relaxed near accord
41.	353	a shorter near accord with the length of 13 mean sidereal months (about 355.1816 days)
42.	394	a shorter near accord with the length of 14.5 mean sidereal months (about 396.1641 days)
43.	43	a longer near accord with the length of 1.5 mean sidereal months (about 40.9825 days)
44.	57	a longer near accord with the length of 2 mean sidereal months (about 54.6433 days)
45.	98	a longer near accord with the length of 3.5 mean sidereal months (about 95.6258 days)
46.	112	a longer near accord with the length of 4 mean sidereal months (about 109.2866 days)
47.	125	a longer near accord with the length of 4.5 mean sidereal months (about 122.9475 days)
48.	139	a longer near accord with the length of 5 mean sidereal months (about 136.6083 days)
49.	194	a longer near accord with the length of 7 mean sidereal months (about 191.2516 days)
50.	221	a longer near accord with the length of 8 mean sidereal months (about 218.5733 days)
51.	235	a longer near accord with the length of 8.5 mean sidereal months (about 232.2341 days)
52.	248	a longer near accord with the length of 9 mean sidereal months (about 245.8949 days)
53.	276	a longer near accord with the length of 10 mean sidereal months (about 273.2166 days)
54.	330	a longer near accord with the length of 12 mean sidereal months (about 327.8599 days)
55.	358	a longer near accord with the length of 13 mean sidereal months (about 355.1816 days)
56.	426	a longer near accord with the length of 15.5 mean sidereal months (about 423.4857 days)
57.	47	a shorter near accord with the length of 1.5 mean synodic months (about 49.2959 days)
58.	57	a shorter near accord with the length of 2 mean synodic months (about 59.0612 days)
59.	101	a shorter near accord with the length of 3.5 mean synodic months (about 103.3571 days)
60.	116	a shorter near accord with the length of 4 mean synodic months (about 118.1224 days)
61.	145	a shorter near accord with the length of 5 mean synodic months (about 147.6530 days)
62.	160	a shorter near accord with the length of 5.5 mean synodic months (about 162.4182 days)
63.	175	a shorter near accord with the length of 6 mean synodic months (about 177.1835 days)
64.	204	a shorter near accord with the length of 7 mean synodic months (about 206.7141 days)
65.	219	a shorter near accord with the length of 7.5 mean synodic months (about 221.4794 days)
66.	249	a shorter near accord with the length of 8.5 mean synodic months (about 251.0100 days)
67.	293	a shorter near accord with the length of 10 mean synodic months (about 295.3059 days)
68.	367	a shorter near accord with the length of 12.5 mean synodic months (about 369.1324 days)
69.	426	a shorter near accord with the length of 14.5 mean synodic months (about 428.1936 days)
70.	32	a longer near accord with the length of 1 mean synodic month (about 29.53059 days)
71.	62	a longer near accord with the length of 2 mean synodic months (about 59.0612 days)
72.	76	a longer near accord with the length of 2.5 mean synodic months (about 73.8265 days)
73.	91	a longer near accord with the length of 3 mean synodic months (about 88.5918 days)
74.	135	a longer near accord with the length of 4.5 mean synodic months (about 132.8877 days)
75.	150	a longer near accord with the length of 5 mean synodic months (about 147.6530 days)
76.	165	a longer near accord with the length of 5.5 mean synodic months (about 162.4182 days)
77.	194	a longer near accord with the length of 6.5 mean synodic months (about 191.9488 days)
78.	209	a longer near accord with the length of 7 mean synodic months (about 206.7141 days)
79.	239	a longer near accord with the length of 8 mean synodic months (about 236.2447 days)
80.	268	a longer near accord with the length of 9 mean synodic months (about 265.7753 days)
81.	283	a longer near accord with the length of 9.5 mean synodic months (about 280.5406 days)
82.	327	a longer near accord with the length of 11 mean synodic months (about 324.8365 days)
83.	372	a longer near accord with the length of 12.5 mean synodic months (about 369.1324 days)
84.	386	a longer near accord with the length of 13 mean synodic months (about 383.8977 days)
85.	349	a longer near accord with the length of 1 mean draconic year (about 346.6201 days)
86.	353	a shorter near accord with the length of 1 13-sidereal month year (about 355.1816 days)
87.	358	a longer near accord with the length of 1 13-sidereal month year (about 355.1816 days)
88.	175	a shorter near accord with the length of 1 6-synodic month semester (about 177.1835 days)
89.	268	a longer near accord with the length of 1.5 6-synodic month semesters (about 265.7753 days)
90.	129	a shorter near accord with the length of 1.5 mean sidereal periods of Mercury (about 131.9541 days)
91.	173	a shorter near accord with the length of 2 mean sidereal periods of Mercury (about 175.9388 days)
92.	217	a shorter near accord with the length of 2.5 mean sidereal periods of Mercury (about 219.9235 days)
93.	310	a longer near accord with the length of 3.5 mean sidereal periods of Mercury (about 307.8929 days)
94.	349	a shorter near accord with the length of 4 mean sidereal periods of Mercury (about 351.8766 days)
95.	90	a longer near accord with the length of 1 mean sidereal period of Mercury (about 87.9694 days)
96.	266	a longer near accord with the length of 3 mean sidereal periods of Mercury (about 263.9082 days)
97.	354	a longer near accord with the length of 4 mean sidereal periods of Mercury (about 351.8776 days)
98.	442	a longer near accord with the length of 5 mean sidereal periods of Mercury (about 439.8470 days)
99.	229	a shorter near accord with the length of 2 mean synodic periods of Mercury (about 231.7551 days)
100.	292	a longer near accord with the length of 2.5 mean synodic periods of Mercury (about 289.6939 days)

Table 5.C-9

No.	Set-sum	Relaxed near accord
101.	349	a longer near accord with the length of 3 mean synodic periods of Mercury (about 347.6326 days)
102.	335	a shorter near accord with the length of 1.5 mean sidereal periods of Venus (about 337.0517 days)

Set-sums with no accords

<u>No.</u>	<u>Set-sum</u>	<u>No.</u>	<u>Set-sum</u>	<u>No.</u>	<u>Set-sum</u>	<u>No.</u>	<u>Set-sum</u>	<u>No.</u>	<u>Set-sum</u>
1.	17	5.	51	9.	158	13.	211	17.	258
2.	33	6.	142	10.	159	14.	213	18.	269
3.	37	7.	155	11.	170	15.	214	19.	373
4.	50	8.	157	12.	186	16.	241	20.	374