

Table 2.F

Sets in Mormon<sub>2</sub>'s concluding (AB[A]BA)(BABABA)(BA[B]AB) year-term letter pattern

Summary				
Interval type	No. of factors of close accords	No. of close accords with intervals	No. of near accords with intervals	Total No.
7-day week	0	6	0	6
9-day cycle	0	5	0	5
13-day cycle	0	3	0	3
20-day cycle	2	6	0	8
30-day cycle	2	1	0	3
260-day calendar	3	0	0	3
Long Count tun computing year	5	1	0	6
365-day year	0	1	0	1
819-day cycle	0	0	0	0
draconic month	0	13	5	18
sidereal month	0	8	9	17
synodic month	2	7	8	17
draconic or eclipse year	0	1	2	3
13-sidereal month year	0	0	0	0
6-synodic month semester	0	0	0	0
12-synodic month year	0	0	0	0
18-synodic month year	1	0	0	1
tropical year	0	0	1	1
sidereal year	0	0	1	1
Mercury sidereal period	1	1	2	4
Mercury synodic period	0	2	0	2
Venus sidereal period	3	2	2	7
Venus synodic period	1	0	0	1
Mars sidereal period	0	0	0	0
Mars synodic period	4	0	0	4
Jupiter sidereal period	1	0	0	1
Jupiter synodic period	1	0	1	2
Saturn sidereal period	0	0	0	0
Saturn synodic period	0	2	1	3
Total No.	26	59	32	117

## Data

The (AB[A]BA) letter-group<sup>1</sup>

Set No.	Set description	Set illustration	Set-sums
1.	Starting (A) letter-set	320	320
2.	1st (B) letter-set	10+24+11	45
3.	Central [A] letter-set	□ or [11 or 12]+ □ or [11 or 12]	□ or [22 or 24]
4.	2nd (B) letter-set	4+15	19
5.	Ending (A) letter-set	□ or [15 or 16]+16	[31 or 32] or 16
6.	All (A) letter-sets	320+ □ or [22 or 24]+[31 or 32] or 16	[373 or 376] or 336
7.	All (B) letter-sets	45+19	64
8.	Total letter-group	[373 or 376] or 336+64	[437 or 440] or 400

<sup>1</sup> 4 Nephi 1:48; Mormon 1:2-3, 6, 8, 11-12, 15; 2:1-2.

<u>Set No.</u>	<u>Set-context</u>	<u>Near or close accord</u>
1.	320 days	a close accord with the length of 16 20-day cycles
2.	45 days	a close accord with the length of 5 9-day cycles 1/8th of a close accord with 1 Long Count tun (360 days) a close accord with the length of 1.5 mean synodic months (about 44.2959 days) 1/5th of a close accord with 1 mean sidereal period of Venus (about 224.7012 days) 1/13th of a close accord with 1 mean synodic period of Venus (about 583.9217 days)
3.	22 days 24 days	1/4th of a close accord with 1 mean sidereal period of Mercury (about 87.9694 days) 1/15th of a close accord with 1 Long Count tun (360 days)
4.	19 days	1/21st of a close accord with 1 mean synodic period of Jupiter (about 398.8842 days) 1/28th of a close accord with 1 18-month lunar year (about 531.5506 days) 1/41st of a close accord with 1 synodic period of Mars (about 779.9365 days) 1/228th of a close accord with 1 sidereal period of Jupiter (about 4332.8486 days)
5.	16 days 31 days 32 days	1/14th of a close accord with 1 mean sidereal period of Venus (about 224.7012 days) a near accord with the length of 1 mean synodic month (about 29.5306 days) 1/7th of a close accord with 1 mean sidereal period of Venus (about 224.7012 days)
6.	336 days  373 days 376 days	a close accord with the length of 48 7-day weeks a near accord with the length of 1.5 mean sidereal periods of Venus (about 337.0517 days) no near or close accord with any interval listed in Table 3.A of Division 2 no near or close accord with any interval listed in Table 3.A of Division 2
7.	64 days	no near or close accord with any interval listed in Table 3.A of Division 2
8.	400 days  437 days 440 days	a close accord with the length of 20 20-day cycles a near accord with the length of 13.5 mean synodic months (about 398.6630 days) a near accord with the length of 1 mean synodic period of Jupiter (about 398.8842 days) a near accord with the length of 16 mean draconic months (about 435.3955 days) a close accord with the length of 16 mean sidereal months (about 437.1466 days) a close accord with the length of 22 20-day cycles a close accord with the length of 5 mean sidereal periods of Mercury (about 439.8470 days)

The (BABABA) letter-group<sup>2</sup>

<u>Set No.</u>	<u>Set description</u>	<u>Set illustration</u>	<u>Set-sums</u>
1.	1st (B) letter-set	326	326
2.	1st (A) letter-set	327	327
3.	2nd (B) letter-set	330+344	674
4.	2nd (A) letter-set	345+ □ or [345]+346+349+350	1390 or [1735]
5.	3rd (B) letter-set	10	10
6.	3rd (A) letter-set	10	10
7.	1st (BA) letter-group	326+327	653
8.	2nd (BA) letter-group	330+344+345+ □ or [345]+346+349+350	2064 or [2409]
9.	3rd (BA) letter-group	10+10	20
10.	All (A) letter-sets	327+1390 or [1735]+10	1727 or [2072]
11.	All (B) letter-sets	326+330+344+10	1010
12.	Total letter-group	1727 or [2072]+1010	2737 or [3082]

<u>Set No.</u>	<u>Set-context</u>	<u>Near or close accord</u>
1.	326 days	a close accord with the length of 12 mean draconic months (about 326.5466 days) a near accord with the length of 12 mean sidereal months (about 327.8599 days) a near accord with the length of 11 mean synodic months (about 324.8365 days)
2.	327 days	a close accord with the length of 12 mean draconic months (about 326.5466 days) a close accord with the length of 12 mean sidereal months (about 327.8599 days)
3.	674 days	a close accord with the length of 3 mean sidereal periods of Venus (about 674.1035 days)
4.	1390 days 1735 days	a close accord with the length of 12 mean synodic periods of Mercury (about 1390.5305 days) a close accord with the length of 63.5 mean sidereal months (about 1734.9254 days) a near accord with the length of 5 mean draconic years (about 1733.1004 days)

<sup>2</sup> Mormon 2:2-3, 9, 15-16, 20, 22, 28; 3:1, 4.

Set No.	Set-context	Near or close accord
5.	10 days	1/2 of a close accord with the length of 1 20-day cycle 1/3rd of a close accord with the length of 1 30-day cycle 1/3rd of a close accord with 1 mean synodic months (about 29.5306 days) 1/26th of a close accord with the length of 1 260-day calendar 1/36th of a close accord with the length of 1 Long Count tun (360 days) 1/78th of a close accord with 1 mean synodic period of Mars (about 779.9365 days)
6.	10 days	(see above)
7.	653 days	a close accord with the length of 24 mean draconic months (about 653.0933 days)
8.	2064 days	a near accord with the length of 75.5 mean sidereal months (about 2062.7853 days)
	2409 days	a close accord with the length of 88.5 mean draconic months (about 2408.2815 days)
9.	20 days	a close accord with the length of 1 20-day cycle 1/13th of a close accord with 1 260-day calendar 1/18th of a close accord with 1 Long Count tun (360 days) 1/39th of a close accord with 1 mean synodic period of Mars (about 779.9365 days)
10.	1727 days	a close accord with the length of 63.5 mean draconic months (about 1727.9760 days) a close accord with the length of 58.5 mean synodic months (about 1727.5395 days)
	2072 days	a close accord with the length of 296 7-day weeks
11.	1010 days	a close accord with the length of 37 mean sidereal months (about 1010.9014 days) a near accord with the length of 11.5 mean sidereal periods of Mercury (about 1011.6480 days) a near accord with the length of 4.5 mean sidereal periods of Venus (about 1011.1552 days)
12.	2737 days	a close accord with the length of 391 7-day weeks a close accord with the length of 7.5 365-day calendar years (2737.5 days)
	3082 days	no near or close accord with any interval listed in Table 3.A of Division 2

### The (BA[B]AB) letter-group<sup>3</sup>

Set No.	Set description	Set illustration	Set-sums
1.	Starting (B) letter-set	360	360
2.	1st (A) letter-set	361+□ or [361]+362+363+364+366+367+ 375+ □ or [375]	2558 or [3294]
3.	Central [B] letter-set	379	379
4.	2nd (A) letter-set	380	380
5.	Ending (B) letter-set	384 or 384+400	384 or 784
6.	All (A) letter-sets	2558 or [3294]+380	2938 or [3674]
7.	All (B) letter-sets	360+379+384 or 784	1123 or 1523
8.	Total letter-group	2938 or [3674]+1123 or 1523	4061 or 4461 or [4797 or 5197]

Set No.	Set-context	Near or close accord
1.	360 days	a close accord with the length of 40 9-day cycles a close accord with the length of 18 20-day cycles a close accord with the length of 12 30-day cycles a close accord with the length of 1 Long Count tun (360 days)
2.	2558 days	a close accord with the length of 94 mean draconic months (about 2557.9487 days) a near accord with the length of 7 mean tropical years (about 2556.6953 days) a near accord with the length of 7 mean sidereal years (about 2556.7946 days)
	3294 days	a close accord with the length of 366 9-day cycles a near accord with the length of 121 mean draconic months (about 3292.6786 days) a near accord with the length of 120.5 mean sidereal months (about 3292.2600 days) a near accord with the length of 111.5 mean synodic months (about 3292.6608 days) a near accord with the length of 9.5 mean draconic years (about 3292.8907 days)
3.	379 days	a near accord with the length of 14 mean draconic months (about 380.9711 days) a close accord with the length of 1 mean synodic period of Saturn (about 378.0921 days)
4.	380 days	a close accord with the length of 19 20-day cycles a close accord with the length of 14 mean draconic months (about 380.9711 days) a near accord with the length of 1 mean synodic period of Saturn (about 378.0921 days)

<sup>3</sup> Mormon 3:4, 7-8; 4:1, 7, 10, 15-17; 5:5-6; 6:5; 8:6.

<u>Set No.</u>	<u>Set-context</u>	<u>Near or close accord</u>
5.	384 days	a near accord with the length of 14 mean sidereal months (about 382.5032 days)
	784 days	a close accord with the length of 13 mean synodic months (about 383.8977 days)
		a close accord with the length of 112 7-day weeks
		a near accord with the length of 26.5 mean synodic months (about 782.5606 days)
6.	2938 days	a close accord with the length of 226 13-day cycles
		a close accord with the length of 108 mean draconic months (about 2938.9198 days)
		a close accord with the length of 107.5 mean sidereal months (about 2937.0785 days)
		a close accord with the length of 99.5 mean synodic months (about 2938.2937 days)
	3674 days	a close accord with the length of 135 mean draconic months (about 3673.6497 days)
		a close accord with the length of 134.5 mean sidereal months (about 3674.7633 days)
7.	1123 days	a close accord with the length of 38 mean synodic months (about 1122.1624 days)
		a close accord with the length of 5 mean sidereal periods of Venus (about 1123.5058 days)
	1523 days	a close accord with the length of 56 mean draconic months (about 1523.8843 days)
8.	4061 days	a close accord with the length of 137.5 mean synodic months (about 4060.4561 days)
	4461 days	a near accord with the length of 164 mean draconic months (about 4462.8041 days)
		a near accord with the length of 151 mean synodic months (about 4459.1191 days)
		a close accord with the length of 38.5 mean synodic periods of Mercury (about 4461.2853 days)
	4797 days	a close accord with the length of 533 9-day cycles
		a close accord with the length of 369 13-day cycles
		a near accord with the length of 162.5 mean synodic months (about 4798.7209 days)
	5197 days	a close accord with the length of 191 mean draconic months (about 5197.5340 days)
		a close accord with the length of 176 mean synodic months (about 5197.3838 days)

The (AB[A]BA)(BABABA)(BA[B]AB) letter pattern

<u>Set No.</u>	<u>Set description</u>	<u>Set illustration</u>	<u>Set-sums</u>
1.	All (A) letter-sets	336 or [373 or 376]+1727 or [2072]+2938 or [3674]	5001 or [6119 or 6122]
2.	All (B) letter-sets	64+1010+1123 or 1523	2197 or 2597
3.	Total letter pattern	5001 or [6119 or 6122]+2197 or 2597	7198 or 7598 or [8316 or 8716] or [8319 or 8719]

<u>Set No.</u>	<u>Set-context</u>	<u>Near or close accord</u>
1.	5001 days	a near accord with the length of 183 mean sidereal months (about 4999.8638 days)
	6119 days	a near accord with the length of 224 mean sidereal months (about 6120.0518 days)
	6122 days	a close accord with the length of 225 mean draconic months (about 6122.7495 days)
		a near accord with the length of 224 mean sidereal months (about 6120.0518 days)
2.	2197 days	a close accord with the length of 169 13-day cycles
	2597 days	a close accord with the length of 371 7-day weeks
		a near accord with the length of 95.5 mean draconic months (about 2598.7670 days)
		a near accord with the length of 95 mean sidereal months (about 2595.5577 days)
		a near accord with the length of 88 mean synodic months (about 2598.6919 days)
		a near accord with the length of 29.5 mean sidereal periods of Mercury (about 2595.0970 days)
3.	7198 days	a close accord with the length of 264.5 mean draconic months (about 7197.6322 days)
		a near accord with the length of 263.5 mean sidereal months (about 7199.2574 days)
	7598 days	no near or close accord with any interval listed in Table 3.A of Division 2
	8316 days	a close accord with the length of 1188 7-day weeks
		a close accord with the length of 924 9-day cycles
	8716 days	a close accord with the length of 319 mean sidereal months (about 8715.6095 days)
	8319 days	a close accord with the length of 304.5 mean sidereal months (about 8319.4455 days)
		a close accord with the length of 24 mean draconic years (about 8318.8818 days)
		a close accord with the length of 22 mean synodic periods of Saturn (about 8318.0258 days)
	8719 days	no near or close accord with any interval listed in Table 3.A of Division 2