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Dry Days.

MOON'S PHASES.	D.	Toronto.		Quebec.		Twilight or Daylight begins and ends at—									
						Toronto.		Halifax.		Montreal.		Fredrick.		Quebec.	
		Beg.	End.	Beg.	End.	Beg.	End.	Beg.	End.	Beg.	End.	Beg.	End.	Beg.	End.
○ Full Moon	3	h 3	m 2	h 3	m 34	Days.									
☾ Last Quarter	11	h 6	m 57	h 7	m 29										
☾ New Moon	18	h 3	m 20	h 3	m 52										
☾ First Quarter	24	h 8	m 22	h 8	m 54										
☾ Apogee	5	h 5	m 32	h 6	m 4										
☾ Perigee	18	h 9	m 26	h 9	m 58										

Ephemeris of the Planets, &c.

Day Mo.	Venus South Even.	Mars South Even.	Jupiter South Even.	Saturn South Even.	Sun's Longitude.	Sun's Right Ascen.	Venus Right Ascen.	Mars Right Ascen.	Jupiter Right Ascen.	Saturn Right Ascen.	Venus Decl. South.	Mars Decl. South.	Jupiter Decl. South.	Saturn Decl. South.
1 ...	h 0 24	h 1 38	h 1 38	h 9 51	280 48	18 47	h 19 7	h 20 21	h 20 22	h 4 35	23 25	20 46	20 0	20 17
7 ...	h 0 37	h 1 34	h 1 26	h 9 25	256 55	19 13	h 19 40	h 20 41	h 20 28	h 4 34	22 32	19 36	19 41	20 15
13 ...	h 0 41	h 1 29	h 1 1	h 9 0	232 3	19 38	h 20 12	h 21 0	h 20 33	h 4 33	21 13	18 12	19 21	20 14
19 ...	h 0 45	h 1 25	h 0 45	h 8 36	209 8	20 7	h 20 43	h 21 19	h 20 31	h 4 31	19 33	16 48	19 12	20 13
25 ...	h 0 50	h 1 20	h 0 27	h 8 11	185 14	20 36	h 21 14	h 21 38	h 20 47	h 4 31	17 32	15 18	18 39	20 12
31 ...	h 1 2	h 1 15	h 0 9	h 7 47	131 20	20 57	h 21 44	h 21 56	h 20 56	h 4 30	15 13	13 42	18 17	20 13

Day of Month.	Day of Week.	Calendar for Upper Canada and Nova Scotia.						Calendar for Lower Canada and New Brunswick.						DEPARTMENT FOR ALL OF UPPER AND LOWER CANADA.														
		Sun Rises.		Sun Sets.		Moon Sets.		Sun Rises.		Sun Sets.		Moon Sets.		Pole Star in Meridian Evening.	Shadow at Noon Mark Evening.	Mars' Age Noon.	Moon South Even.	Moon's Place at 7 P. M.	Sun's Declination South.									
		h	m	h	m	h	m	h	m	h	m	h	m															
1	Mond	17	36	4	32	6	21	7	48	4	20	6	31	6	22	7	12	3	50	12	8	11	8	8	26	23	1	10
2	Tuesd	27	36	4	33	Rises		7	48	4	21	Rises		6	18	10	12	4	18	13	8	12	0	Π	8	22	57	59
3	Wed.	37	36	4	34	4	45	7	48	4	22	4	35	8	14	14	12	4	46	14	8	Morn	do.	20	22	50	21	
4	Thurs.	47	36	4	35	5	44	7	47	4	23	5	35	6	10	17	12	5	13	15	8	50	do.	22	44	15		
5	Friday	57	36	4	36	6	47	7	47	4	24	6	39	6	6	20	12	5	40	16	8	1	40	do.	14	22	37	42
6	Satur	67	36	4	37	7	50	7	47	4	25	7	44	6	2	23	12	6	7	17	8	2	26	do.	26	22	30	43
7	Sund	77	35	4	38	8	52	7	47	4	26	8	48	5	58	26	12	6	33	18	8	3	10	Ω	8	22	23	16
8	Mond.	87	35	4	39	9	55	7	47	4	28	9	53	5	54	29	12	6	58	19	8	3	53	do.	20	22	15	24
9	Tuesd.	97	35	4	40	10	58	7	47	4	29	10	57	5	50	33	12	7	23	20	8	4	34	μ	2	22	7	5
10	Wed.	107	35	4	41	Morn		7	46	4	30	Morn		5	46	36	12	7	48	21	8	5	15	do.	14	21	58	20
11	Thurs	117	34	4	42			7	46	4	31			5	42	39	12	8	12	22	8	5	57	do.	27	21	49	9
12	Friday	127	34	4	43	1	97	46	4	32	1	13		5	38	42	12	8	37	23	8	6	41	△	10	21	39	33
13	Satur.	137	34	4	45	2	197	45	4	34	2	24		5	34	46	12	8	58	24	8	7	29	do.	24	21	29	32
14	Sund.	147	33	4	46	3	347	45	4	36	3	42		5	30	49	12	9	26	25	8	8	22	μ	8	21	19	6
15	Mond.	157	33	4	47	4	527	44	4	37	5	1		5	26	52	12	9	42	26	8	9	21	do.	22	21	8	15
16	Tuesd.	167	32	4	48	6	67	43	4	38	6	16		5	22	56	12	10	27	27	8	10	26	↑	7	20	56	59
17	Wed	177	31	4	50	Sets		7	42	4	39	Sets		5	18	59	12	10	23	28	8	11	32	do.	22	20	45	20
18	Thurs.	187	31	4	51	5	167	42	4	40	5	8		5	15	2	12	10	43	0	3	Ev.	38	μ	8	20	33	17
19	Friday	197	30	4	52	6	417	41	4	41	6	34		5	11	5	12	11	1	1	3	1	40	do.	22	20	20	51
20	Satur.	207	29	4	53	8	37	40	4	42	7	59		5	7	8	12	11	19	2	3	2	37	ω	8	20	8	2
21	Sund.	217	29	4	55	9	207	39	4	43	9	18		5	3	11	12	11	37	3	3	3	29	do.	23	19	54	50
22	Mond.	227	28	4	56	10	337	38	4	45	10	33		4	59	15	12	11	53	4	3	4	18	✕	7	19	41	16
23	Tuesd.	237	27	4	57	11	447	37	4	47	11	46		4	55	19	12	12	9	5	5	5	5	do.	20	19	27	20
24	Wed.	247	26	4	59	Morn		7	36	4	48	Morn		4	51	21	12	12	24	6	3	5	51	φ	4	19	13	2
25	Thurs.	257	25	5	00	0	547	35	4	50		58		4	47	24	12	12	38	7	3	6	37	do.	17	18	58	23
26	Friday	267	24	5	01	2	27	34	4	52	2	9		4	43	28	12	12	51	8	3	7	24	do.	29	18	43	24
27	Satur.	277	23	5	03	3	97	33	4	53	3	17		4	39	32	12	13	9	9	3	8	15	χ	11	18	28	5
28	Sund.	287	22	5	04	4	147	32	4	54	4	23		4	35	36	12	13	13	10	3	9	4	do.	23	18	12	25
29	Mond.	297	21	5	06	5	137	31	4	56	5	23		4	31	38	12	13	20	11	3	9	55	Π	5	17	56	26
30	Tuesd.	307	20	5	07	6	77	30	4	58	6	18		4	27	41	12	13	30	12	3	10	46	do.	17	17	40	8
31	Wed.	317	19	5	08	6	527	29	5	59	7	2		4	23	44	12	13	43	13	3	11	36	do.	29	17	23	31

PROB. 1.—Three sons, whose ages are 8, 10, and 13 years, are to share a legacy of \$12,000, which must be so divided that each part being placed at 7 per cent. compound interest, shall amount to equal sums when they are 21 years of age. Required the portion of each.

PROB. 2.—A. can do a piece of work in 8 days, and B. can do it in 6 days; what part of it can both do in 3 days?

PROB. 3.—Required the largest pentagon inscribed in an equilateral triangle whose sides are four feet each?