

2. FEBRUARY. Begins on Friday, has 29 days. 1856.

Moon's Phases.

	D.	H.	M.	
New Moon,	6	5	40	M.
First Quarter,	12	9	16	E.
Full Moon,	20	4	44	E.
Last Quarter,	28	8	45	E.

PROB. 3.—An India-rubber ball falls from a height of 12 feet, and bounds back $\frac{1}{2}$ feet. At every fall it bounds back half the distance it just fell. How many bounds will it make, what distance will it have moved, and what time will be consumed, when it comes to a state of rest?

PROB. 4.—A. and B. are in a circular room 20 feet in diameter, A, being at the centre and B. at the circumference. B.

Day of Mo.	Day of Week.	Phenomena, Chronology, etc.	Sun rises.	Sun sets.	Sun's dec. S.	Moon's place.	Moon rises.	Moon south.	High water.
			H. M.	H. M.	°		H. M.	H. M.	H. M.
1	Fri	Daybr'k 5 37. <i>Fair</i>	7 24	58	17 11	♊	2 51	7 35	3 34
2	Sat	Loren. Dow d. 1834.	7 14	59	16 54	♊	4 2	8 32	4 50
3	F	Quinquagesima. and	7 05	0	16 36	♋	5 9	9 33	6 12
4	Mon	● low. <i>pleasant.</i>	6 58	5	2 16	♋	6 7	10 35	7 28
5	Tue	♀ farthest south.	6 57	5	3 16	♋	sets.	11 38	8 25
6	Wed	Ash Wednesday.	6 56	5	4 15	♋	5 48	ev. 37	9 16
7	Thu	Neptune ♂ ●. <i>Snow</i>	6 55	5	5 15	♋	7 8	1 33	10 3
8	Fri	Daybreak 5 31. <i>or</i>	6 54	5	6 15	♋	8 30	2 25	10 47
9	Sat	<i>perhaps rain.</i>	6 53	5	7 14	♋	9 40	3 16	11 29
10	F	1st Sunday in Lent.	6 51	5	9 14	♋	10 53	4 5	morn.
11	Mon	Venus south 9 31.	6 50	5	10 14	♋	morn.	4 55	0 11
12	Tue	<i>Fixing to thaw.</i>	6 49	5	11 13	♋	0 6	5 46	0 55
13	Wed	D. Young di. 1852.	6 48	5	12 13	♋	1 18	6 39	1 35
14	Thu	Valentine. <i>Windy.</i>	6 46	5	14 13	♋	2 28	7 34	2 20
15	Fri	Daybreak 5 25.	6 45	5	15 12	♋	3 34	8 30	3 17
16	Sat	● highest. <i>Colder.</i>	6 44	5	16 12	♋	4 32	9 24	4 39
17	F	2d Sunday in Lent.	6 43	5	17 12	♋	5 21	10 16	6 9
18	Mon	Luther died 1546.	6 41	5	19 11	♋	6 11	11 5	7 33
19	Tue	Daybreak 5 18.	6 40	5	20 11	♋	6 36	11 51	8 29
20	Wed	● near Regulus.	6 39	5	21 11	♋	rises.	morn.	9 9
21	Thu	● in apogee. <i>Snow</i>	6 37	5	23 10	♋	6 29	0 34	9 45
22	Fri	Washington b. 1732.	6 36	5	24 10	♋	7 28	1 14	10 20
23	Sat	J. Q. Adams d. 1848.	6 35	5	25 9	♋	8 27	1 53	10 47
24	F	St. Matthias. <i>or</i>	6 33	5	27 9	♋	9 27	2 32	11 16
25	Mon	Daybreak 5 10.	6 32	5	28 9	♋	10 27	3 12	11 45
26	Tue	♀ sou. 5 49. <i>rain.</i>	5 31	5	29 8	♋	11 31	3 53	ev. 13
27	Wed	Elias Hicks d. 1830.	6 30	5	30 8	♋	morn.	4 38	0 42
28	Thu	Cyane capt'd. 1815.	6 28	5	32 8	♋	0 38	5 26	1 13
29	Fri	♀ stationary. <i>Fair.</i>	6 27	5	33 7	♋	1 45	6 19	1 52

runs around the outside of the room, at the rate of 500 feet per minute, and A. pursues him at the rate of 100 feet a minute. How long before they meet, and how far will each travel?

3. MAR

Moon

New Moon
First Quar
Full Moon
Last Quar

Day of Mon.	Day of Week.	
1	Sat	St.
2	E	Day
3	Mon	♀ in
4	Tue	♂
5	Wed	J. M
6	Thu	♂ in
7	Fri	Rev
8	Sat	Day
9	E	5th
10	Mon	♂
11	Tue	Sat
12	Wed	Ven
13	Thu	1
14	Fri	Day
15	Sat	Bat.
16	E	Palr
17	Mon	♂ n
18	Tue	
19	Wed	Day
20	Thu	♂ ei
21	Fri	Good
22	Sat	Moc
23	E	East
24	Mon	Q. E
25	Tue	Day
26	Wed	♀ so.
27	Thu	Opit
28	Fri	Pall
29	Sat	♂ lo
30	E	1st S
31	Mon	♀ s.