The Calendar.

Golden Number Epect Solar Cycle	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	,	
Epact	•	•	•	•	÷	•	•	•	•	•	•	•	•	•	•	٠	•	•	•	•	•	•	•	•	•	•
Solar Cycle		٠	•	٠	٠	٠	•	•	•	٠		٠	•		٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	•

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11	Dominical Letters	•	G. F.	
20	Roman Indiction.		. 151	I
5	Julian Period.		. 6585	

FIXED AND MOVEABLE FESTIVALS, ANNIVERSARIES, &O.

New Year's Day*	Jan.	11
Epiphany	44	6
Septuagesima Sunday	" "	28
Quinguagesima-Shrove Sunday.	Feb.	11
Ash Wednesday	64	14
Ash Wednesday Quadragesima—1st Sun. in Lent	66	18
St. David	March	1
St. Patrick	44	17
Palm Sunday	46	24
Annunciation-Lady Day*	44	25
Good Friday	46	29
Easter Sunday	. 46	31
Low Sunday.	April	7
St. George	i 4	23
Rogation Sunday	May	5
Ascension Day-Holy Thursday*.	41	9
Pentecost-Whit Sunday	44	19
Birth of Queen Victoria	"	24
Trinity Sunday	"	26
Corpus Christi*	46	30
Accession of Queen Victoria	June	20
Proclamation	64	21
St. John BaptMidsummer Day.	66	24
St. Peter and St. Paul*	66	29
Dominion Day	July	1
St. Michael-Michaelmas Day		29
Birth of Prince of Wales	Nov.	9
St. Andrew.	66	30
1st Sunday in Advent	Dec.	1
Conception of the Virgin Mary*	4.	8
St. Thomas.	66	21
Christmas Day	61	25
St. John the Evangelist	66	27

The feasts and anniversaries marked with an asterisk (*), as well as thanksgiving of fast days fixed by proclamation, are legal holidays in the Province of Quebec.

The only legal holidays in the Province of Ontario are New Year's Day, Christmas Day, Good Friday, Easter Monday, the Queen's Birthday, and any day set apart by proclamation.

The year 5635 of the Jewish Era commen-ces on October 3, 1872. The year 1289 of the Mohammedan Era

commences on March 11, 1872. The 36th year of Queen Victoria's reign commences on June 20, 1872. The 6th year of the Dominion ct Canada

commences July 1, 1872. The 97th year of the Independence of the United States commences July 4, 1872. On p.p. 5, 6, 7. of the Calendar are given the local civil times at which the upper limb of the sun appears to rise and set at a cen-tral station in lat. 45° N., and long. 4h. 46m. W., allowance for refraction having been applied to the true times of rising and setting.

The times of sunset in any latitude from lat. 42° to lat. 50° may be found with sufficient accuracy, by applying with their proper signs, the corrections given in the following table.

8 The same corrections, with their signs changed, are applicable for finding the times of sunrise.

LATITUDE.	42 °	430	440	45°	46°	470	48 0	490	50°
January 1-15	$\begin{array}{c} \mathbf{m.} \\ \mathbf{+10} \\ 864 \\ 420 \\ \mathbf{-1357911} \\ 1097520 \\ \mathbf{+257911} \\ 1097520 \\ \mathbf{+257911} \\ 1109711 \\ 9111 \\ 1109711 \\ 11$	m. +764310 -124567765310 +3567 765310 +3567	n.3321100123334432221012334		<u>n</u> <u>4</u> <u>3</u> <u>7</u> <u>100</u> <u>1233</u> <u>4</u> <u>4322</u> <u>101</u> <u>2384</u> <u>4322</u> <u>101</u> <u>2384</u>	n-76581012457887531013578	H.1.97520136810121285202580012	$\begin{array}{c} \mathbf{m.} \\ -15 \\ 13 \\ 10 \\ 6 \\ 8 \\ 0 \\ \mathbf{+2} \\ 4 \\ 8 \\ 11 \\ 14 \\ 16 \\ 16 \\ 14 \\ 10 \\ 7 \\ 3 \\ 0 \\ \mathbf{-3} \\ 7 \\ 11 \\ 14 \\ 16 \\ 16 \end{array}$	$\begin{array}{c} \mathbf{m.} \\ -20 \\ 1 \\ 12 \\ 8 \\ 4 \\ 0 \\ +2 \\ 5 \\ 10 \\ 14 \\ 18 \\ 9 \\ 13 \\ 9 \\ 4 \\ 0 \\ -4 \\ 9 \\ 14 \\ 17 \\ 21 \end{array}$
LATITUDE	42 °	43 °	14°	-45^	46 °	470	48 °	49 °	50°

The corrections to the times of setting due to the change in the sun's declination during the interval between the times of setting in different longitudes, are very small, and may be disregarded.

THE MOON.

The times at which the moon rises and sets, are both given for every day in the year. They are computed for the moon's centre, and those on pp. 5, 6, 7, for a station in lat.

45° N., and long. 4h. 46m. W. The correc-tions for *latitude* to be applied to the times of setting given in pp. 5, 6, 7, of the calendar, in order to find the times at which the moor sets at other stations, may be found approxi-mately from lat 429 to lat 489 by multiply of mately from lat. 42° to lat. 48° by multiplyin the numbers in the adjoining column, by th number of degrees by which the latitude exceeds 45°. If the latitude be less than 15°, the signs of the corrections must be change? The corrections for latitudes 19° and 5.2 wi