

## Calendar

# Calendar

The calendar tells us about the days, months and year.



JANUARY 2018						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

A calendar shows 12 months (12 months in a year). Each month has generally 30 or 31 days.

February has 28 days in a normal year and 29 days in leap year.

**Week:** A week consists of 7 days starting with Sunday. The day repeats itself after 7 days.

E.g. If today is 8th Jan and the day is Monday then next Monday will be on :

$8 + 7 \text{ days} = 15\text{th January}$

A year has 365 days.

**A Leap Year** has 366 days. Every 4th yr is a leap year. To determine if the current year is a leap year or not divide it by 4. If it is completely divisible by 4 then it is leap year otherwise not.

Dates are generally represented in DD-MM-YY format.

E.g. 8th January 2018 can be written as 08-01-18.

### Imp concept

**The day after a year. If today is 8th Jan 2018 and the day is Monday what will be the day on 8th Jan 2019.**

A year has 365 days. Total weeks in 365 days =  $365/7 = 52 \text{ weeks} + 1 \text{ day}$ . As day repeat itself after each week there will be Monday after 52 weeks. Thus day after 1 year should be 1 day ahead of Monday i.e. Tuesday.

For a leap year (366 days), the day should be 2 days ahead of the day considered.