

# Monday Maths

## Months and Years

L.O. To know the number of days in each month, year and leap year.

There are 365 days in a year.

There are 366 days in a leap year.

30 days has September, April, June and November. All the rest have 31 except for February alone which has 28 and 29 on a leap year.

### Mathematical Talk

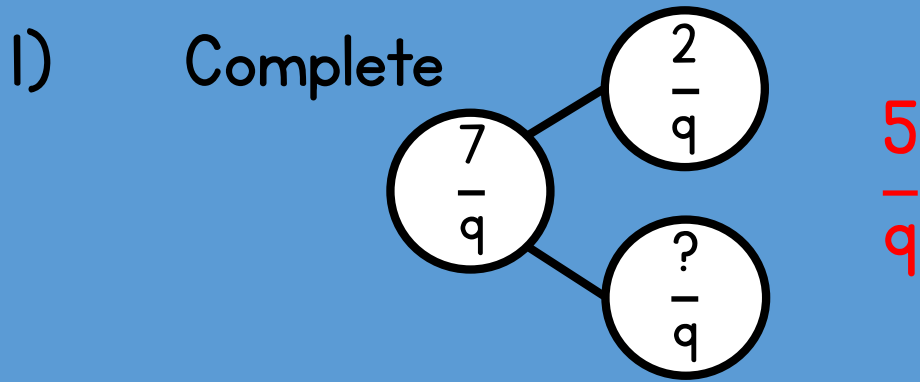
When is your birthday? What other significant dates are there during the year? Are they the same every year?

Which month comes before \_\_\_\_\_?

Which month comes after \_\_\_\_\_?

Which month changes when there is a leap year? Are there any other months that change length? Is this year a leap year? When will the next one be? When was the last one?

## Flashback: How much can you remember?



2) Order the fractions from largest to smallest

$$\frac{1}{3}, \frac{1}{8}, \frac{1}{6}, \frac{1}{5}$$

$$\frac{1}{3}, \frac{1}{5}, \frac{1}{6}, \frac{1}{8}$$

3) Complete the equivalent fractions.  $\frac{2}{8} = \frac{1}{?}$   $\frac{1}{4}$

4) Complete  $220\text{cm} = \boxed{2}\text{m}$  and  $20\text{cm}$

## Months and years

I Use a calendar to help you answer the questions.

a) How many days are in each month in a normal calendar year?

January	31	May	31	September	30
February	28/29	June	30	October	31
March	31	July	31	November	30
April	30	August	31	December	31

**I** b)



There are more days in a leap year, so all of the answers to part a) will change.

Do you agree with Tommy? \_\_\_\_\_

Explain your answer.

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Here is a calendar from December 2016

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			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	

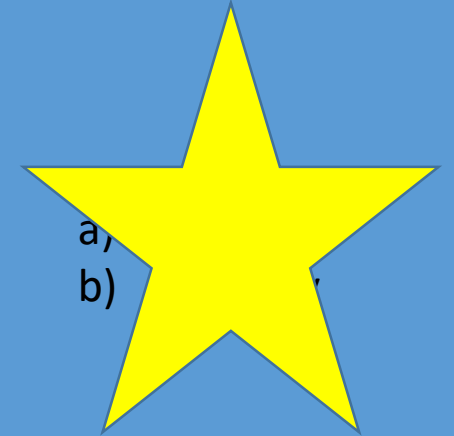
a) What day of the week was 25 December in 2016?

\_\_\_\_\_

b) Jack's birthday is on 17 December.

What day of the week was his birthday in 2016?

\_\_\_\_\_



a,  
b)

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Write  $<$ ,  $>$  or  $=$  to complete the statements.

a) 1 week  8 days

b) 8 days  2 weeks

c) 3 weeks  1 month

d) 5 weeks  1 month

e) 12 months  1 year

f) 2 years  22 months

g) 36 months  3 years

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Write  $<$ ,  $>$  or  $=$  to complete the statements.

a) 1 week  $<$  8 days

b) 8 days  $<$  2 weeks

c) 3 weeks  $<$  1 month

d) 5 weeks  $>$  1 month

e) 12 months  $=$  1 year

f) 2 years  $>$  22 months

g) 36 months  $=$  3 years

Half of the months have 30 days.




False


Only 4 months have 30 days.


April, June, September, November

# Challenge:

Jack, Eva, Whitney and Ron were all born in the same year.

Jack  My birthday is between Eva's and Ron's.

 I am the oldest.

 I am older than Ron.

Whitney

Eva

Match the birthday to the child.

Jack	Eva	Ron	Whitney
2 November	31 January	15 June	4 May