

Tuesday Maths

Hours in a day

L.O. To know the number of hours in a day.

There are 24 hours in a day.

Mathematical Talk

What time does the day start? How many hours are there in a day?

How many hours do you spend at school in a day? When does school start and finish?

Why does a clock show 11 o'clock twice in a day?

Does the weekend and the school week split a whole week in half?

Flashback: How much can you remember?

- 1) How many days are in 1 year? 365
- 2) Calculate $\frac{6}{8} - \frac{3}{8}$ $\frac{3}{8}$
- 3) Jacob has 30 sweets. He eats $\frac{2}{3}$ of them.
How many sweets does Jacob have left? 10
- 4) How many mm are there in 5 cm? 50

Hours in a day

- 1 Write the times of day in order of when they happen.

afternoon

morning

midnight

midday

evening

1 Write the times of day in order of when they happen.

afternoon morning midnight midday evening

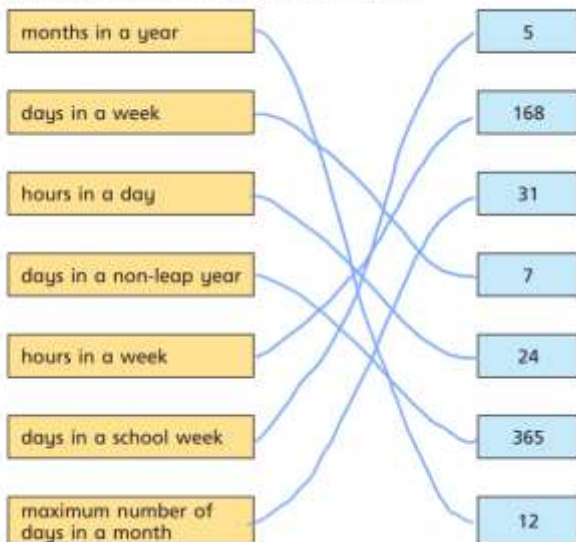
morning midday afternoon
evening midnight



2 Match the description to the correct number.

months in a year	5
days in a week	168
hours in a day	31
days in a non-leap year	7
hours in a week	24
days in a school week	365
maximum number of days in a month	12

2 Match the description to the correct number.



3 Fill in the missing numbers.

a) 1 day = 24 hours

$$\square \text{ days} = 48 \text{ hours}$$

$$4 \text{ days} = \square \text{ hours}$$

$$\square \text{ days} = 960 \text{ hours}$$

$$41 \text{ days} = \square \text{ hours}$$

b) 1 week = 7 days

$$2 \text{ weeks} = \square \text{ days}$$

$$\square \text{ weeks} = 21 \text{ days}$$

$$60 \text{ weeks} = \square \text{ days}$$

$$63 \text{ weeks} = \square \text{ days}$$

3 Fill in the missing numbers.

a) 1 day = 24 hours

days = 48 hours

4 days = hours

days = 960 hours

41 days = hours

b) 1 week = 7 days

2 weeks = days

weeks = 21 days

60 weeks = days

63 weeks = days

4 Aisha arrives home at 11 o'clock.



Dora

It must be nearly lunchtime.



Amir

It must be dark outside.

Who do you agree with? _____

Explain your answer.

4

Aisha arrives home at 11 o'clock.



It must be nearly lunchtime.

Dora



It must be dark outside.

Amir

Who do you agree with? Can't tell

Explain your answer.

It depends whether it is 11 o'clock in the morning or at night.

True or False ?

Hours in a day

If it is noon on Tuesday, in 24 hours it will be midnight on Wednesday.

True or False ?

Hours In a day

False

If it is noon on Tuesday, in 24 hours it will be noon on Wednesday.

Challenge:

Brett knows that there are 24 hours in one day, 48 hours in two days and 72 hours in three days.

Use these facts to work out how many hours there are in each month.

April

January

February of a non-leap year

February of a leap year