Hours in a day

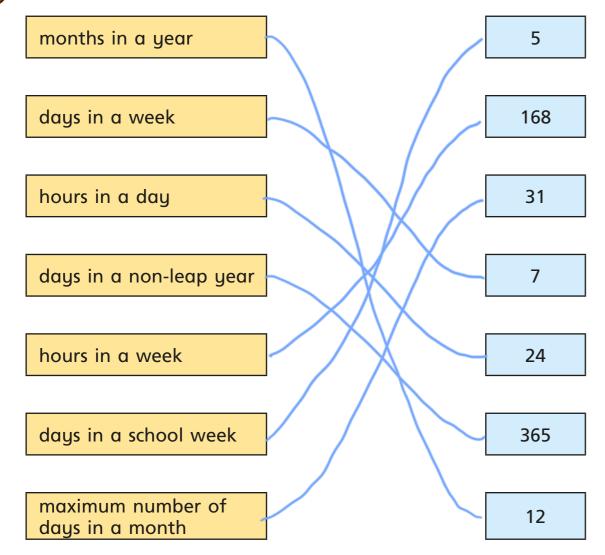**1** Write the times of day in order of when they happen.

afternoon | morning | midnight | midday | evening

morning   midday   afternoon

evening   midnight
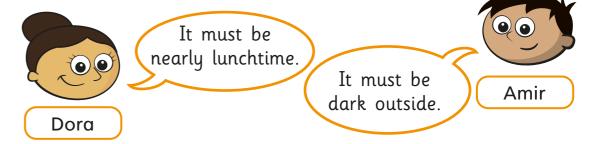
2 Match the description to the correct number.

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

3 Fill in the missing numbers.

a) 1 day = 24 hours

2 days = 48 hours

4 days = 96 hours

40 days = 960 hours

41 days = 984 hours

b) 1 week = 7 days

2 weeks = 14 days

3 weeks = 21 days

60 weeks = 420 days

63 weeks = 441 days

4 Aisha arrives home at 11 o'clock.

It must be nearly lunchtime.

It must be dark outside.

Dora

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.

5 There are 5 days in a school week.

a) What is the difference in the number of days in 4 **school weeks** compared to 4 whole weeks?
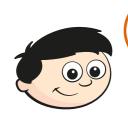
$\boxed{8}$

b) There are 7 hours in a school day.

How many more hours are there in 5 full days than 5 school days?

$\boxed{85}$

Talk to a partner about how you worked out your answers.

6 Kim and Dexter are working out how many more hours are in the month of August than September.
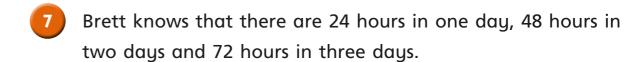
> I can work out how many hours are in August in total, how many hours are in September in total and subtract one from the other.

Kim thinks there is an easier way of working it out.

What might Kim's method be?

Talk about it with a partner.

7 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 $\boxed{720}$

January $\boxed{744}$

February of a non-leap year $\boxed{672}$

February of a leap year $\boxed{696}$

8 There are more days in October than September.

Therefore, there are more school days in October than September.

Is this always, sometimes or never true?

(Depends on school holidays and weekends)

<u>Sometimes</u>

How do you know?

9 Esther goes to school for 5 hours each day.

There are no school holidays in the month of March.

How many hours could Esther spend at school in March?

$\boxed{115}$

Compare answers with a partner.