

SIMMERING BRONZE

Flashback 4

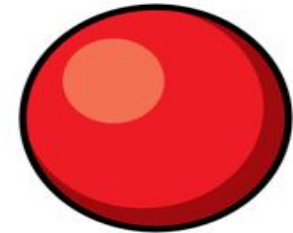
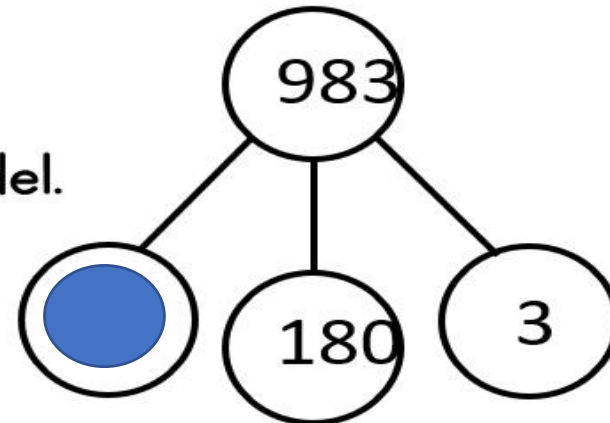
Year 3 | Week 9 | Day 5

1) $1,000 \text{ g} = \square \text{ kg}$

2) How many faces does a cuboid have?

3) Which is longest 30 cm, 30 mm or 3 m?

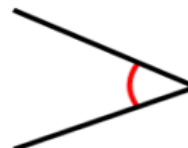
4) Complete the part-whole model.

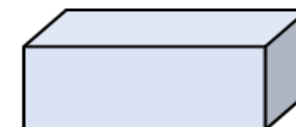


Flashback 4

Year 4 | Week 8 | Day 4

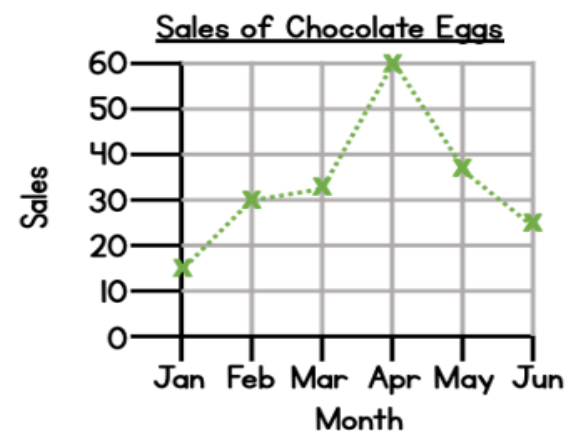
1) What type of angle is this?





2) True or False?

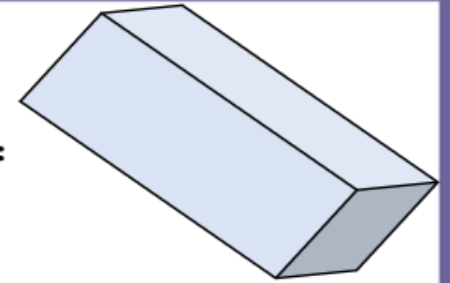
More chocolate eggs were sold in
May than March.



3) How many days are in a leap year?

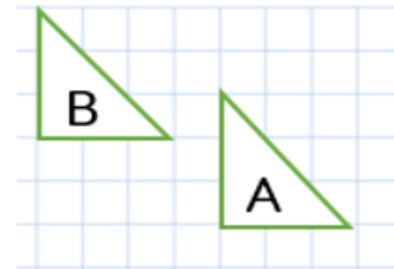
4) Divide 462 by 3

Flashback 4



1) Complete the number sentence using $<$, $>$ or $=$
 $32,000 \text{ ml}$ 3.2 l

2) Describe the translation of shape A to shape B.



3) How many vertices does a pentagonal prism have?



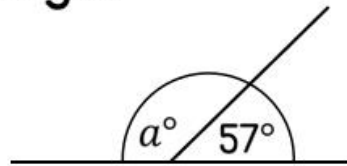
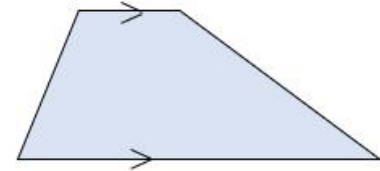
4) What is the missing number? $- 296 = 841$



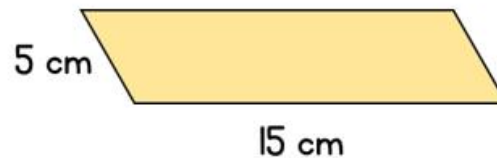
Flashback 4

Year 6 | Week 1 | Day 4

- 1) Work out the missing angle.

 123° 

- 2) The parallelogram is enlarged by scale factor 4
How long are the sides of the new parallelogram?

 $20 \text{ cm}, 60 \text{ cm}$

- 3) Write down a unit you would use to measure area.

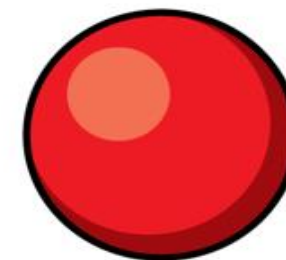
 $\text{cm}^2, \text{m}^2 \text{ etc.}$

- 4) Multiply 5.3 by 7 37.1

Flashback 4

Year 3 | Week 9 | Day 5

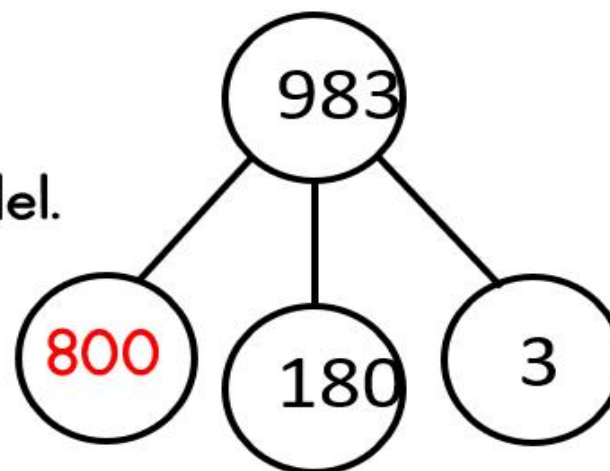
1) $1,000 \text{ g} = \underline{1} \text{ kg}$



2) How many faces does a cuboid have? **6**

3) Which is longest 30 cm, 30 mm or 3 m? **3 m**

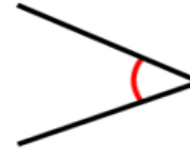
4) Complete the part-whole model.



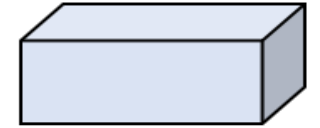
Flashback 4

Year 4 | Week 8 | Day 4

1) What type of angle is this?

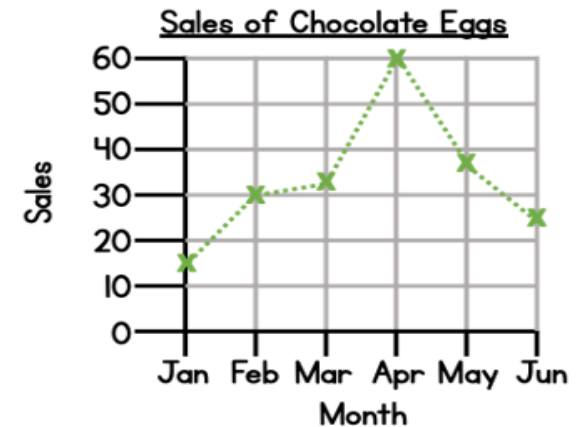


acute angle



2) True or False?

More chocolate eggs were sold in May than March. **True**



3) How many days are in a leap year?

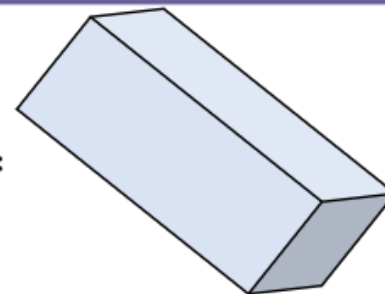
366 days

4) Divide 462 by 3 **154**

Flashback

4

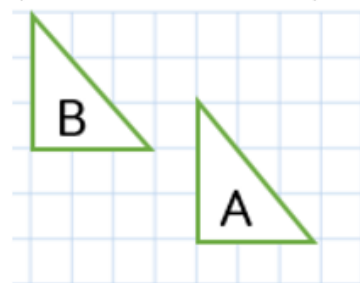
Year 5 | Week 9 | Day 5



1) Complete the number sentence using $<$, $>$ or $=$
 $32,000 \text{ ml}$ $>$ 3.2 l

2) Describe the translation of shape A to shape B.

4 spaces to the
left and 2 up.



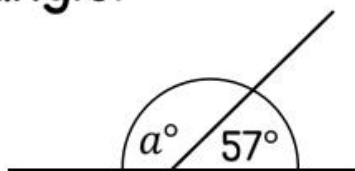
3) How many vertices does a pentagonal prism have? 10

4) What is the missing number? $\square - 296 = 841$ 1,137

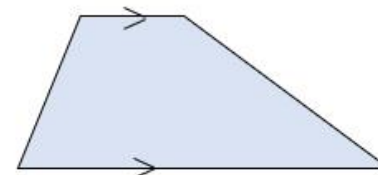
Flashback 4

Year 6 | Week 1 | Day 4

- 1) Work out the missing angle.



123°



- 2) The parallelogram is enlarged by scale factor 4
How long are the sides of the new parallelogram?



20 cm, 60 cm

- 3) Write down a unit you would use to measure area.

cm², m² etc.

- 4) Multiply 5.3 by 7

37.1

THERE ARE TWO LEVELS FOR THIS LESSON - CHOOSE 1 OR DO BOTH, IF YOU WANT

LEVEL 1 FINDING DURATIONS OF TIME

LEVEL 2 CALCULATING MONTHS AND YEARS

FACTS YOU MIGHT NEED

HOW MANY DAYS ARE THERE IN EACH MONTH?

HOW MANY DAYS IN A YEAR?

HOW MANY DAYS IN A LEAP YEAR?

60 SECONDS = 1 MINUTE

60 MINUTES = 1 HOUR

15 MINUTES = $\frac{1}{4}$ AN HOUR

30 MINUTES = $\frac{1}{2}$ AN HOUR

45 MINUTES = $\frac{3}{4}$ HOUR

24 HOURS = 1 FULL DAY

7 DAYS = 1 WEEK

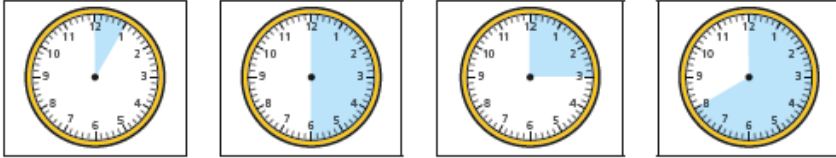
14 DAYS = 1 FORTNIGHT (NOT FORTNITE THE GAME)

28 DAYS = 4 WEEKS = A MONTH (NOT A CALENDAR MONTH)

365 DAYS (AND $\frac{1}{4}$) = 52 WEEKS = 1 YEAR

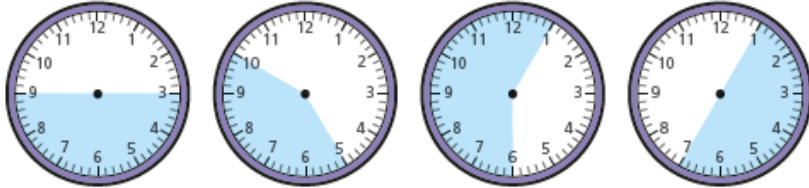
366 DAYS = 52 WEEKS = 1 LEAP YEAR

1 Match the durations on the clocks to the labels.



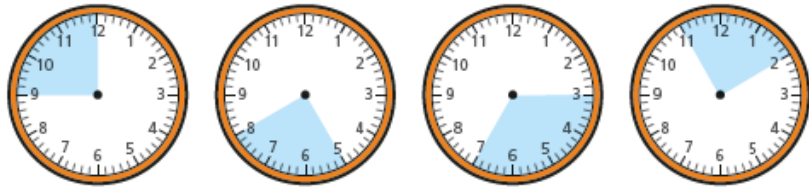
15 minutes 40 minutes 5 minutes half an hour

2 Which clocks show a 30-minute duration?



Talk to a partner about what you notice.

3 Which clocks show a 15-minute duration?



4 Tommy sat down to play a game at quarter past 1










The game took 20 minutes.

Draw the hands on a clock to show what time the game finished.



5 The table shows information about some children's journeys to school.



Name of child	Left home	Arrived at school	Journey time
 Annie			30 minutes
 Alex			
 Jack			

- 4 Tommy sat down to play a game at quarter past 1










The game took 20 minutes.





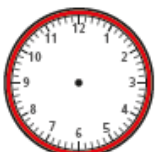

Draw the hands on a clock to show what time the game finished.



- 5 The table shows information about some children's journeys to school.



Name of child	Left home	Arrived at school	Journey time
 Annie			30 minutes
 Alex			
 Jack			

Name of child	Left home	Arrived at school	Journey time
 Mo			20 minutes
 Dexter			15 minutes

a) Complete the table.

b) Is each statement true or false?

Annie arrived at school first.

Jack left home first.

Mo and Dexter left home at the same time.

Annie left home before Jack.

Alex arrived at school after Jack.

Make up your own true or false question about the table to test your partner.



- 6 Whitney watched TV from 10 past 6 until quarter to 7

How long did she spend watching TV?



1 Use a calendar to help you answer the questions.

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

January	<input type="text"/>	May	<input type="text"/>	September	<input type="text"/>
February	<input type="text"/>	June	<input type="text"/>	October	<input type="text"/>
March	<input type="text"/>	July	<input type="text"/>	November	<input type="text"/>
April	<input type="text"/>	August	<input type="text"/>	December	<input type="text"/>

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.

2 2020 is a leap year.

a) Do you agree with Rosie?

There are 365 days in the year 2020



Talk about it with a partner.

b) When will the next three leap years be?

3 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?

c) How many days are there between Jack's birthday and Boxing Day?

d) What day of the week was New Year's Day in 2017?

e) What was the date on the last Thursday of November 2016?

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

a) 1 week 8 days e) 12 months 1 year

b) 8 days 2 weeks f) 2 years 22 months

c) 3 weeks 1 month g) 36 months 3 years

d) 5 weeks 1 month

5 The number line represents one year.

a) Complete the boxes with an estimate of the date.

The first one has been done for you.



b) Estimate where these dates belong and label them on the number line.

2 April 20 September 28 February

Compare answers with a partner.

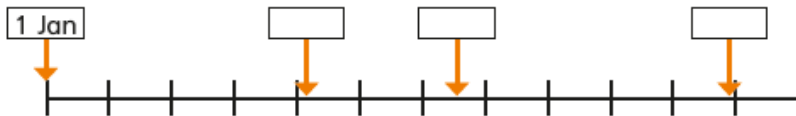
- a) What day of the week was 25 December in 2016?
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What day of the week was his birthday in 2016?
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5 The number line represents one year.

- a) Complete the boxes with an estimate of the date.
The first one has been done for you.



- b) Estimate where these dates belong and label them on the number line.

2 April 20 September 28 February

Compare answers with a partner.

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

Match the birthday to the child.

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

7 Huan, Dani and Filip are counting up in different numbers of days.

- Huan starts on 1 July and counts in 2s.
- Dani starts on 31 May and counts in 5s.
- Filip starts on 30 May and counts in 3s.

Who will reach August first?

May							June							July							August		
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3
8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14			
15	16	17	18	19	20	21	15	16	17	18	19	20	21	15	16	17	18	19	20	21			
22	23	24	25	26	27	28	22	23	24	25	26	27	28	22	23	24	25	26	27	28			
29	30	31					29	30						29	30	31							



1 Use the numbers to complete the statements.

- 60 52 7 12 60 24

- a) There are days in a week.
- b) There are hours in a day.
- c) There are minutes in an hour.
- d) There are weeks in a year.
- e) There are months in a year.
- f) There are seconds in a minute.

2 Tommy and Kim are completing the statement.

There are days in a year.



The answer is 365

Tommy

The answer is 366

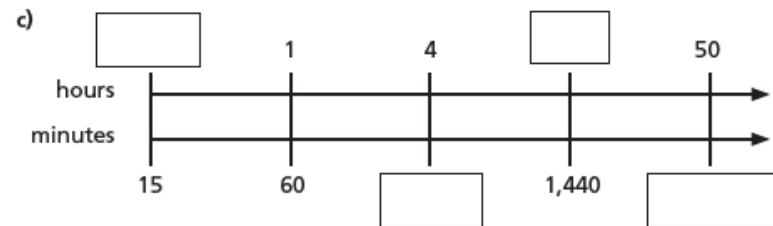
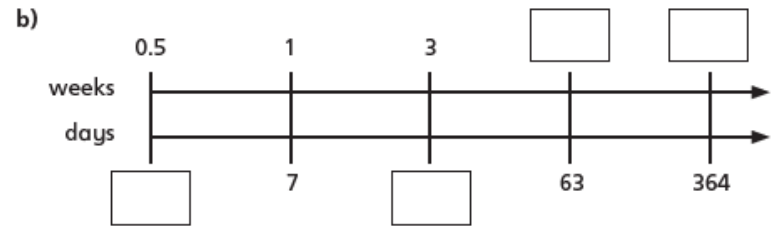
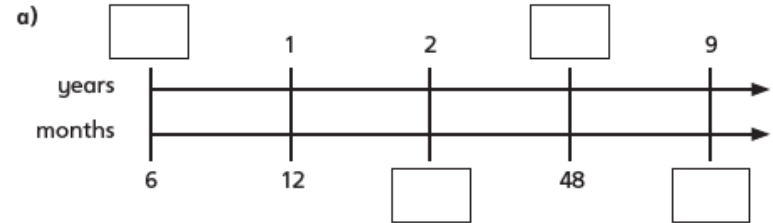


Kim

Who do you agree with?
Talk about it with a partner.



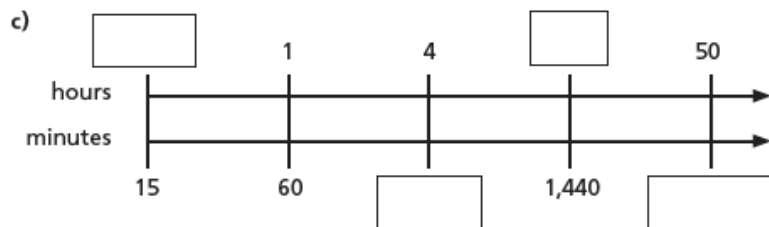
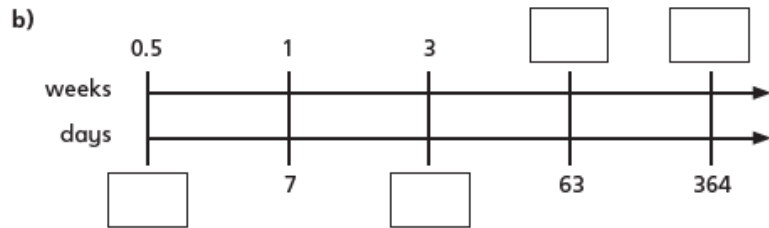
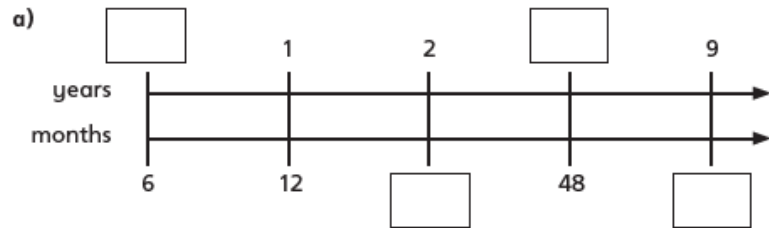
3 Fill in the boxes to complete the conversions.



4 Complete the conversions.

- a) 6 weeks = days
- b) 7 years = months
- c) 5 minutes = seconds
- d) 3 days = hours
- e) weeks = 98 days
- f) minutes = 9 hours
- g) hours = 2.5 days
- h) 18 months = years
- i) $\frac{1}{2}$ an hour = minutes
- j) seconds = $\frac{3}{4}$ of a minute

3 Fill in the boxes to complete the conversions.



4 Complete the conversions.

- | | |
|---|---|
| a) 6 weeks = <input type="text"/> days | f) <input type="text"/> minutes = 9 hours |
| b) 7 years = <input type="text"/> months | g) <input type="text"/> hours = 2.5 days |
| c) 5 minutes = <input type="text"/> seconds | h) 18 months = <input type="text"/> years |
| d) 3 days = <input type="text"/> hours | i) $\frac{1}{2}$ an hour = <input type="text"/> minutes |
| e) <input type="text"/> weeks = 98 days | j) <input type="text"/> seconds = $\frac{3}{4}$ of a minute |

5 Alex and Jack are converting 52 days into weeks.



I can't do it because 52 is not a multiple of 7

Alex

I can convert it into weeks and days.



Jack

Who is correct?

Talk about it with a partner.

6 Ron and Eva have known each other for 103 days. For how many weeks and days have they known each other?

7 Amir and Annie ran a race. Amir ran the race in 3 minutes and 14 seconds. Annie ran the race in 187 seconds.

Who was faster?

Show your workings.

8 Dora's birthday is on 17 August.



It's currently 6 pm on 14 August.

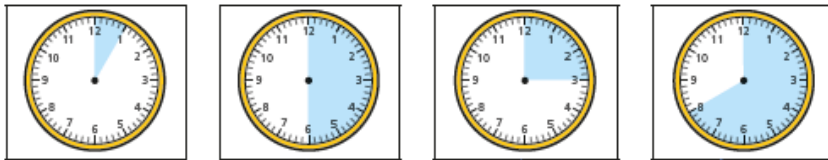


- How many hours is it until Dora's birthday?
- How many minutes is it until Dora's birthday?
- How many seconds is it until Dora's birthday?

9 Work out how old you are in days, hours and minutes.

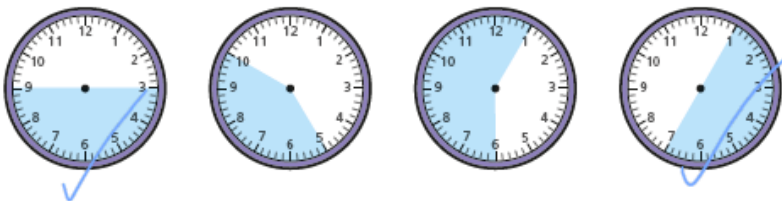
Answers Level 1

1 Match the durations on the clocks to the labels.



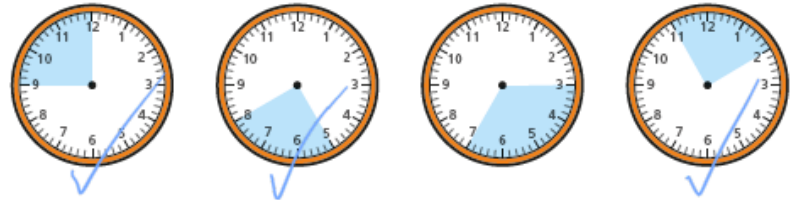
15 minutes 40 minutes 5 minutes half an hour

2 Tick all the clocks that show a 30-minute duration.

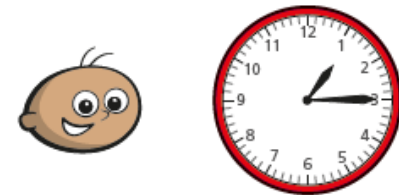


Talk to a partner about what you notice.

3 Tick all the clocks that show a 15-minute duration.



4 Tommy sat down to play a game at quarter past 1


















The game took 20 minutes.

Draw the hands on the clock to show what time the game finished.



- 5 The table shows information about some children's journeys to school.

Name of child	Left home	Arrived at school	Journey time
 Annie			30 minutes
 Alex			10 minutes
 Jack			30 minutes
 Mo			20 minutes
 Dexter			15 minutes



- a) Complete the table.
b) Is each statement true or false?
Circle your answers.

Annie arrived at school first. true **false**

Jack left home first. **true** false

Mo and Dexter left home at the same time. **true** false

Annie left home before Jack. true **false**

Alex arrived at school after Jack. **true** false

Make up your own true or false question about the table to test your partner.

- 6 Whitney watched TV from 10 past 6 until quarter to 7



How long did she spend watching TV?

35 minutes



Answers Level 2

1 Use a calendar to help you answer the questions.

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

January May September
 February June October
 March July November
 April August December

b)



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

Do you agree with Tommy? No

Explain your answer.

2 2020 is a leap year.

There are 365 days in the year 2020



a) Do you agree with Rosie? No

Talk about it with a partner.

b) When will the next three leap years be?

3 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?

Sunday

b) Jack's birthday is on 17 December.

What day of the week was his birthday in 2016?

Saturday

c) How many days are there between Jack's birthday and Boxing Day?

9

d) What day of the week was New Year's Day in 2017?

Sunday

e) What was the date on the last Thursday of November 2016?

24th

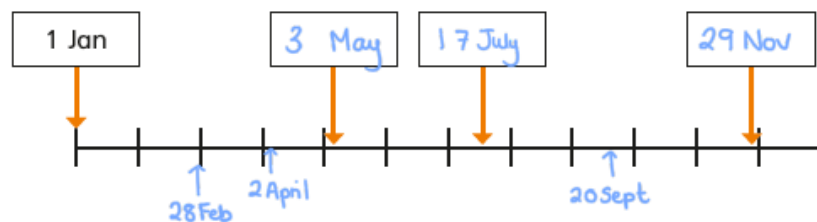
4 Write $<$, $>$ or $=$ to complete the statements.

- 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

5 The number line represents one year.

a) Complete the boxes with an estimate of the date.

The first one has been done for you.



b) Estimate where these dates belong and label them on the number line.

2 April 20 September 28 February

Compare answers with a partner.

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

Match the birthday to the child.

7 Huan, Dani and Filip are counting up in different numbers of days.

Huan starts on 1 July and counts in 2s. (17)

Dani starts on 31 May and counts in 5s. (14)

Filip starts on 30 May and counts in 3s. (22)

Who will reach August first? Dani

May							June							July							August		
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3
8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14			
15	16	17	18	19	20	21	15	16	17	18	19	20	21	15	16	17	18	19	20	21			
22	23	24	25	26	27	28	22	23	24	25	26	27	28	22	23	24	25	26	27	28			
29	30	31					29	30						29	30	31							

Converting units of time

1 Use the numbers to complete the statements.

- 60 52 7 12 60 24

- a) There are **7** days in a week.
- b) There are **24** hours in a day.
- c) There are **60** minutes in an hour.
- d) There are **52** weeks in a year.
- e) There are **12** months in a year.
- f) There are **60** seconds in a minute.

2 Tommy and Kim are completing the statement.

There are _____ days in a year.



The answer is 365

Tommy

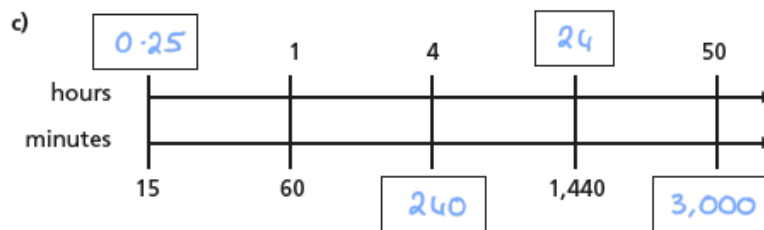
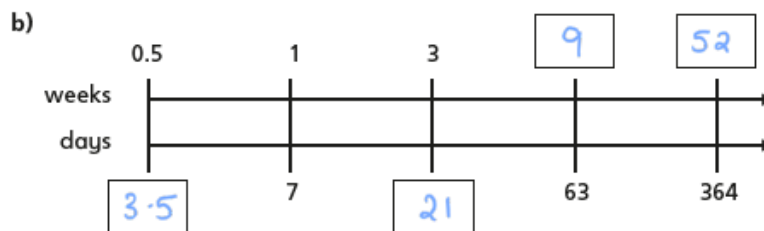
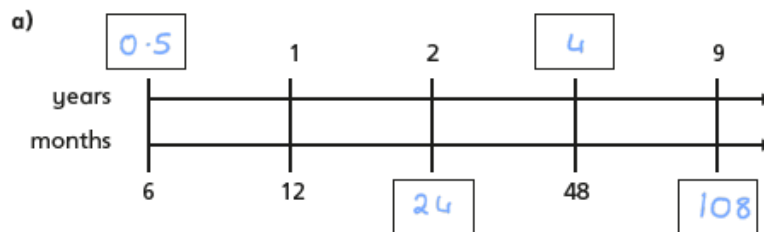
The answer is 366



Kim

Who do you agree with? *Both - depends whether it is a leap year.*
Talk about it with a partner.

3 Fill in the boxes to complete the conversions.



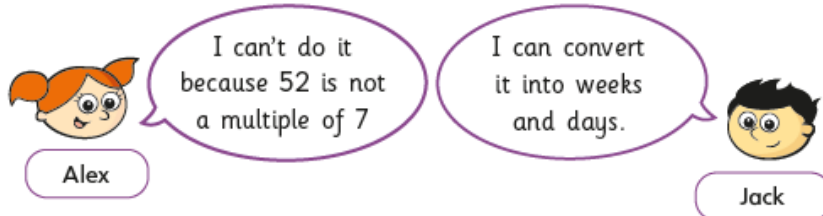
4 Complete the conversions.

- a) 6 weeks = **42** days
- b) 7 years = **84** months
- c) 5 minutes = **300** seconds
- d) 3 days = **72** hours
- e) **14** weeks = 98 days
- f) **540** minutes = 9 hours



- g) $\boxed{60}$ hours = 2.5 days i) $\frac{1}{2}$ an hour = $\boxed{30}$ minutes
- h) 18 months = $\boxed{1.5}$ years j) $\boxed{45}$ seconds = $\frac{3}{4}$ of a minute

- 5 Alex and Jack are converting 52 days into weeks.



Who is correct? Jack

Talk about it with a partner.

- 6 Ron and Eva have known each other for 103 days. For how many weeks and days have they known each other?

$\boxed{14}$ weeks and $\boxed{5}$ days

- 7 Amir and Annie ran a race. Amir ran the race in 3 minutes and 14 seconds. Annie ran the race in 187 seconds. Who was faster? Annie
- Show your workings.

- 8 Dora's birthday is on 17 August.



It's currently 6 pm on 14 August.



- a) How many hours is it until Dora's birthday?

$\boxed{54}$ hours

- b) How many minutes is it until Dora's birthday?

$\boxed{3,240}$ minutes

- c) How many seconds is it until Dora's birthday?

$\boxed{194,400}$ seconds

- 9 Work out how old you are in days, hours and minutes.

Various answers.

$\boxed{}$ days $\boxed{}$ hours $\boxed{}$ minutes