

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.

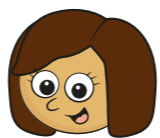
2 Tommy and Kim are completing the statement.

There are _____ days in a year.



The answer is 365

Tommy

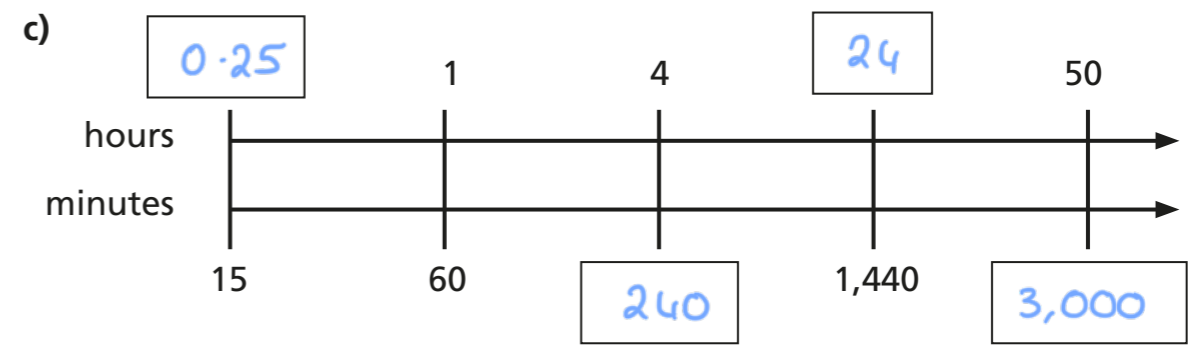
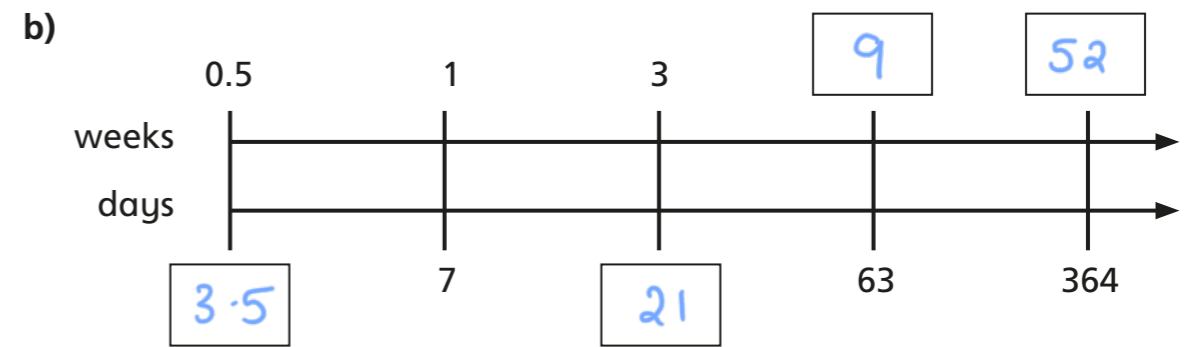
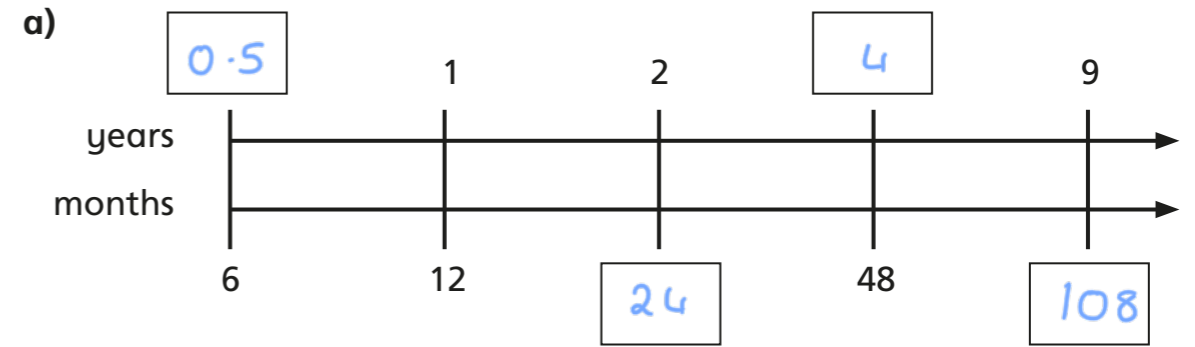


The answer is 366

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

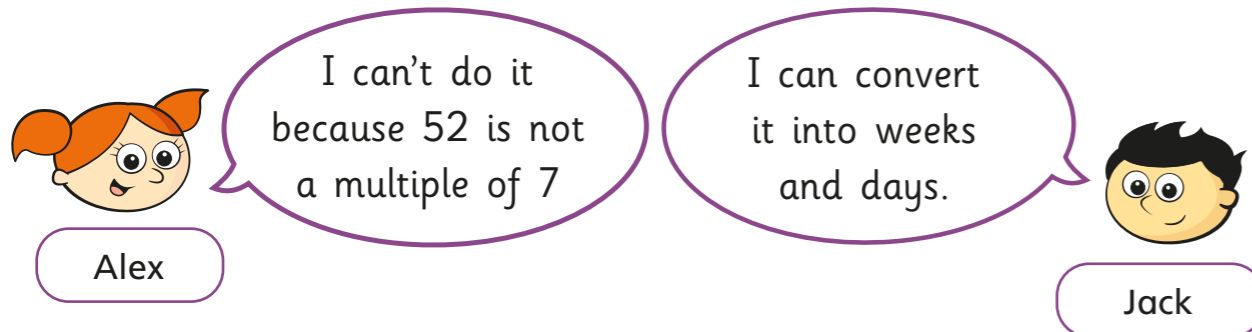
g) hours = 2.5 days

i) $\frac{1}{2}$ an hour = minutes

h) 18 months = years

j) seconds = $\frac{3}{4}$ of a minute

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



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

Jack: I can convert it into weeks and days.

Who is correct? Jack

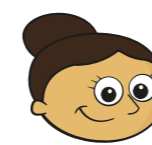
Talk about it with a partner.

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

weeks and 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?

hours

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

minutes

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

seconds

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

Various answers.

days hours minutes