

Wednesday 15th July 2020

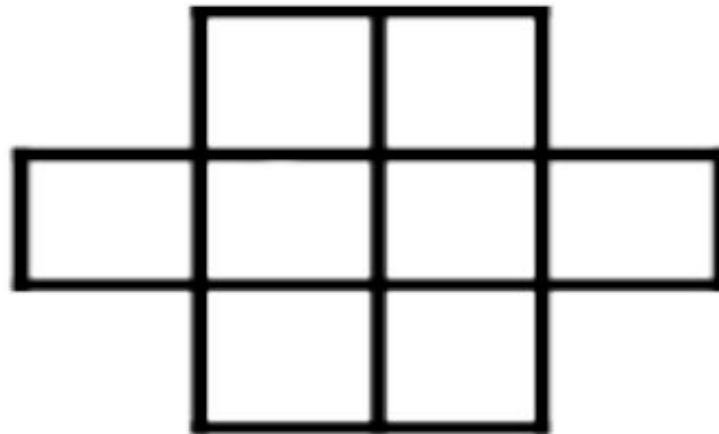
XV VII MMXX

Hola niñas/niños

Happy Wednesday! We are starting the lesson with our brain teaser.

## Maths Brain Teaser - 19

Insert the digits 1-8 in the following shape so that no consecutive numbers are in adjacent squares - vertically, horizontally OR diagonally. Each digit can be used only once.



# WALT - convert units of time.

This week we have been looking at units of measurement.

We will continue to work from the White Rose learning. **Convert units of time.**

Please let the video guide you when tackling the activity.

1. Copy or click on the link (press Ctrl then click) [https://whiterosemaths.com/homele](https://whiterosemaths.com/homelearning)

**Then click Year 5**

The screenshot shows the White Rose Maths website interface. At the top left, there is a 'Summer Term Plans' section with a 'Click here for more details' button. Below this is a 'Hello there, Parents and Carers!' section with introductory text. The main navigation area consists of a grid of buttons for different year groups: Early Years, Year 1, Year 2, Year 3, Year 4, Year 5, Year 6, Year 7, Year 8, Year 9, Year 10, and By Topic. A blue arrow points to the 'Year 5' button with the word 'click' written next to it. To the right of the grid is a vertical sidebar menu titled 'Home Learning' with a list of options: Summer Term, Easter Plan, Home Learning - Early Years, Home Learning - Year 1, Home Learning - Year 2, Home Learning - Year 3, Home Learning - Year 4, Home Learning - Year 5, Home Learning - Year 6, Home Learning - Year 7, Home Learning - Year 8, Home Learning - Year 9, and Home Learning - Year 10.

Click

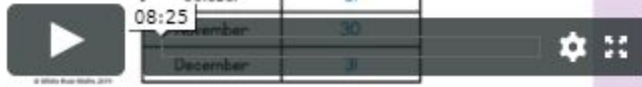
First, watch the video to support your learning and use it to work on the activity sheets below.

### Lesson 3 - Converting units of time

Month	Number of Days
January	31
February	28 (non-leap) 29 (leap)
March	31
April	30
May	31
June	30
July	31
August	31
September	30
October	31
November	30
December	31

365 days  
in 1 year

Looking for the worksheets? Contact your child's school to check if they have a subscription to our worksheets. Alternatively, [read more here](#) or get some extra practice from [BBC Bitesize](#).





# Converting units of time



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

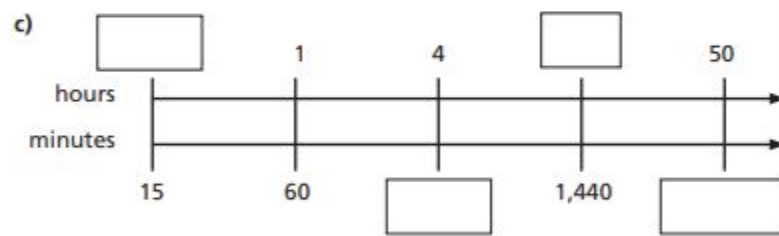
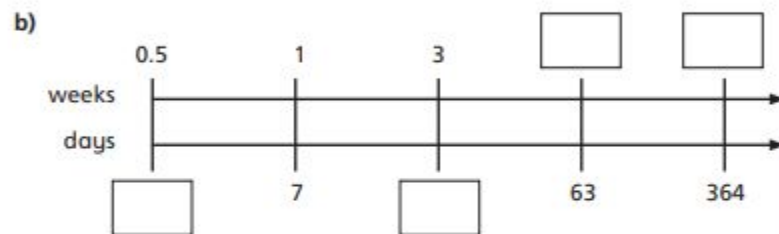
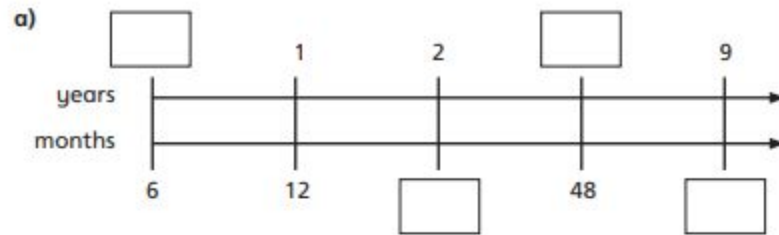
The answer is 366



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      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.

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

 I can convert it into weeks and days.

Alex      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?

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? \_\_\_\_\_  
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.

days  hours  minutes



# Answers

## 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

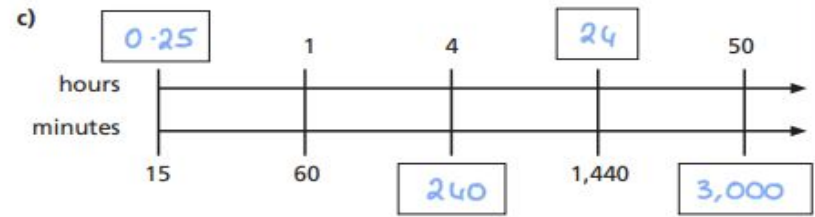
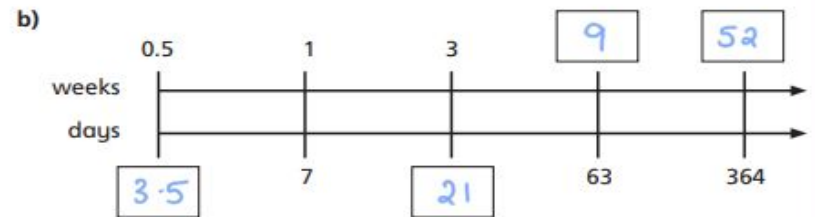
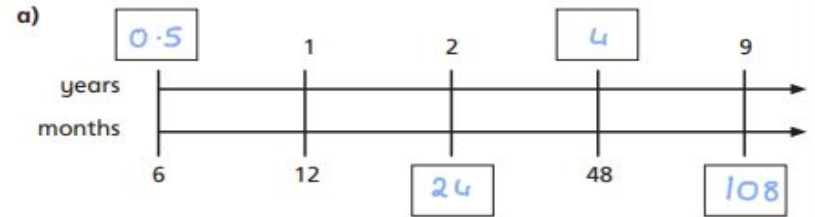
The answer is 366



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

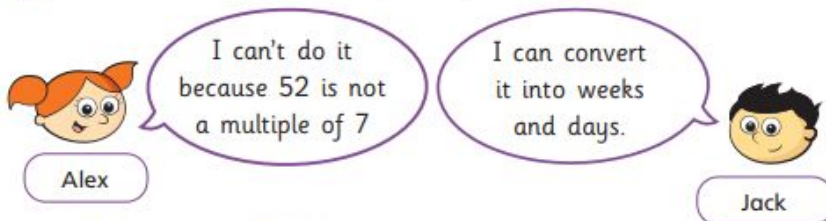
g)  hours = 2.5 days

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.



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

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Who was faster? Annie  
Show your workings.

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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



Brain Teaser answers

19.

