Maths
Week 6 - Lesson 5

Can I convert years to months and days to weeks?

Fast Five

How many minutes in an hour?

267 + 152 =

436 - 234 =

14 x 12 =

How many days in the month of September?

Fast Five Answers

How many minutes in an hour? 60

267 + 152 = 419

436 - 234 = 202

14 x 12 = 168

How many days in the month of September? 30 days

Can you remember…….

How many months in a year?

How many days in a week?

Did you remember that here are 12 months in a year & 7 days in a week?

This song will help you remember how many days there are in a week:

https://www.youtube.com/watch?v=3tx0rvuXIRg

This song will help you remember how many months in a year:

https://www.youtube.com/watch?v=RBD5s-wuXyI

Let's look at a word problem about months together:

For the past 2 years, Daniel has lived in a small cottage in Colchester. How many months in total has he lived in Colchester?

We know that there are 12 months in the year and the problem is asking us how many years in total Daniel has lived in Colchester.

To work this out we need to use our multiplication skills to calculate 12 months multiplied by 2. (OR remember with multiplication, you can change the equation around to get the same answer)

12 x 2 = <u>24</u> **OR** 2 x 12 = <u>24</u>

Daniel has lived in Colchester for <u>24</u> months in total.

Let's look at another problem:

Samantha has been in the same job for 60 months. How many years is this?

For this problem we need to remember that there are 12 months in the year.

The question is asking us to convert months to years so we will need to use your division skills

Therefore,   12 divided by 5

60 ➗ 12 = 5

There are 5 years in 60 months.

Okay, let's look at some days of the week problems

REMEMBER: There are 7 days in a week

For the last 4 week, George has walked his dog every morning at 9am. How many days is this in total?

We know that there are 7 days in a week and the question is asking us how many days in total. Therefore we require our multiplication skills to calculate 4 weeks multiplied by 7 days:

Therefore 7 x 4 = <u>28</u>

George has walked his dog for <u>28</u> days in total.

Let's look at another problem ...

Stephen has worked for a total of 30 days without a rest. How many complete weeks is this?

So this time you are converting the number of days into complete month's and you will need your division skills to work out 30 days divided by 7 (days of the week) or How many 7's in 30

Therefore:

 30 ÷ 7 = 4 r2

To answer this type of question you only need to answer how many COMPLETE weeks and not the remainder. **The answer is 4.**

Now it's your turn

Don't forget to email the Year 4 team with your wonderful work.

We can be contacted using the email below

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