Year 4 Home Learning Autumn 2

Please choose two challenges from the grid and be ready to share what you have done on **Thursday 12th December** in our year group assembly.

You should also be **reading** for at least 10 minutes every day and practising your weekly **spellings** (these will come home each week on a separate sheet).

In Maths, we need to master all of our times tables by the end of Year 4!

Play on Times Tables Rockstars each week and see if you can increase your level!

Turn over for lots of different areas of Maths that you will get stuck with in Years 5 and 6 if you don't know your times tables… they really are very important!

In Science, we will be learning about electricity.

How many things can you find at home that are powered by electricity? Do they use batteries, or are they plugged in?

You could draw a map of your home with all of the electrical devices labelled. Use B and P (or two different colours) to show whether they use batteries or a plug.

In RE, we will be learning about the importance of symbols.

On November 11th each year, people often wear a poppy for Remembrance Day. Find out what this symbol represents and why.

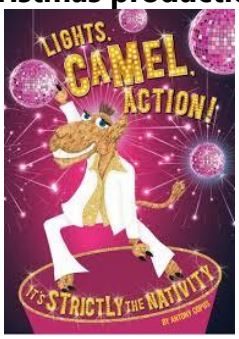
You might like to watch this 2-minute Cbeebies cartoon: https://www.bbc.co.uk/programmes/p02qvbd9
There is also a short story that you can listen to here: https://www.bbc.co.uk/cbeebies/radio/poppys-day

In English, we will be reading 'Stitch Head' by Guy Bass.
Guy Bass will also be coming to visit us in school!

Find out what you can about the author and the other things that he has written. How are they similar or different to 'Stitch Head'?
https://www.guybass.com/books

There are lots of his books available at Farnborough Library! Why not take a trip and borrow another of his books so that you can compare it to 'Stitch Head'?

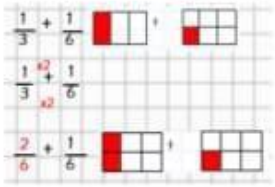
We will be rehearsing for our Christmas production!



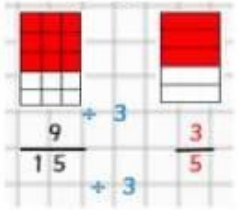
Make sure that you know your script words as well as your song words. You will need to know when to say your lines as well as what they are!

It is helpful to practise with someone else who can read the lines before yours and prompt you if you get stuck.

Adding, subtracting, multiplying and dividing fractions

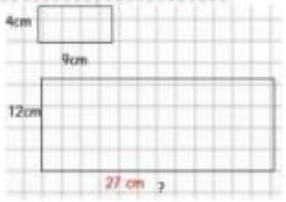


Simplifying fractions

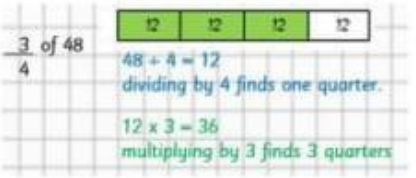


Using scale factors

2 people	1 person	5 people
6 eggs	6 ÷ 2 = 3 eggs	3 x 5 = 15 eggs
100g flour	100 ÷ 2 = 50g	50 x 5 = 250g



Finding a fraction or a percentage of a number



Calculating volume

Calculating ratio

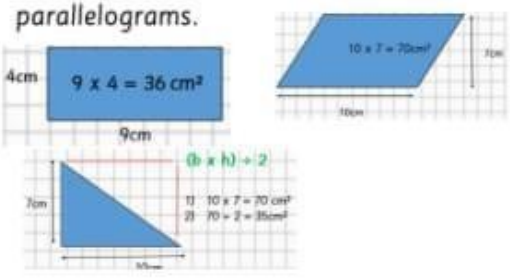
A prize is shared in a ratio of 3 : 4 between Jamie and Dan. If Jamie gets £21, how much will Dan get?

Using known facts

If 3 x 2 = 6, then
3 x 20 = 60
30 x 2 = 60
30 x 20 = 600

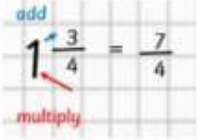
Using algebraic rules

Finding the area of rectangles, triangles and parallelograms.

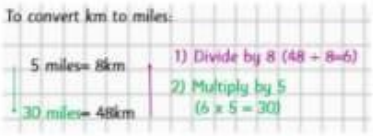


Why are times tables useful?

Converting between mixed and improper fractions

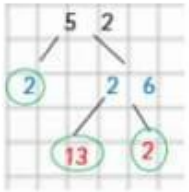


Convert between miles and kilometres

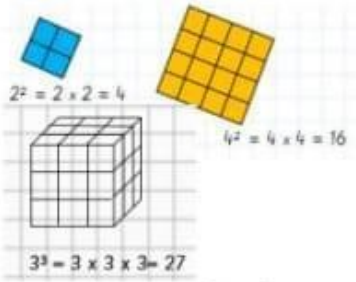


Short and long division

Finding prime factors

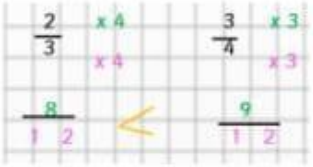


Square and cube numbers



Factors and common factors

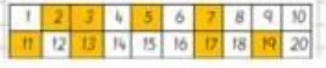
Ordering and comparing fractions



Finding equivalent fractions

Identifying prime and composite numbers

A prime number is a whole number greater than 1 with no divisors except 1 and itself.

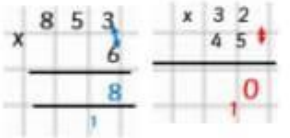


Multiples and common multiples

Multiples of 3: 3, 6, 9, 12, 18, 21, 24

Multiples of 4: 4, 8, 12, 16, 20, 24, 28, 32

Short and long multiplication



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