Year 2 home learning week commencing 22nd June 2020
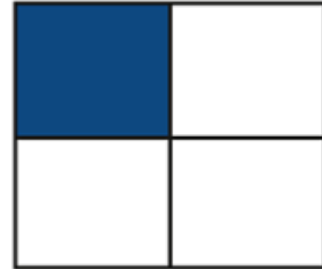
Maths ANSWERS IN RED

This week, we are carrying on with our work on fractions.

Fractions can be shown in different ways, including within shaded shapes. This can be a useful way to see them.

Here is a square that has been divided into 4 parts.

You can see that 1 part of the 4 is shaded.

As a fraction we can show that as ¼ (one quarter).

$$\frac{1}{4}$$ numerator denominator

- The top number is called the **numerator.** This shows how many parts you have (**1** in this case).

- The bottom number is called the **denominator.** This shows you how many parts the whole object has been divided into (**4** in this example).

Activity 1

Watch the video here then answer the questions below.
https://kids.classroomsecrets.co.uk/resource/unit-fractions-video-tutorial/
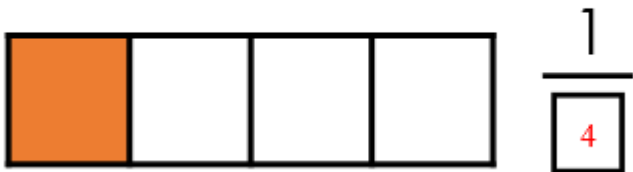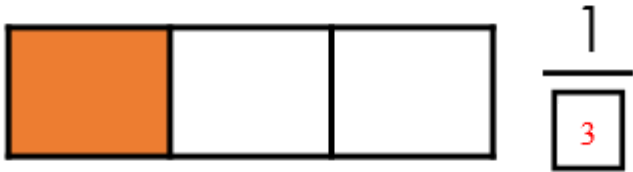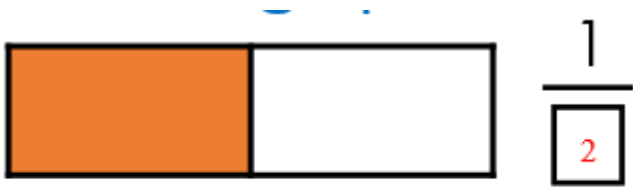
1. Label the parts of this fraction with the words
   numerator (how many parts we are talking about) and
   denominator (how many parts are in the whole)

$$\frac{1}{3}$$

——— numerator ———

___ denominator ___

2. Fill in the missing denominators to show how many parts are in each whole:

$\dfrac{1}{\boxed{2}}$

$\dfrac{1}{\boxed{3}}$

$\dfrac{1}{\boxed{4}}$

3. Miss Coope says this fraction is written $\dfrac{4}{1}$

Explain what she has done wrong.

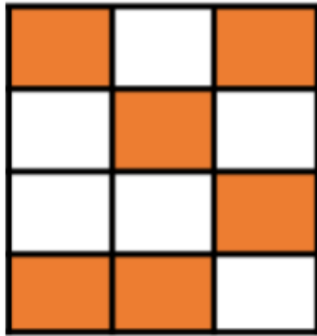Miss Coope has got the numerator and the denominator the wrong way round!

Watch the video here:
https://www.bbc.co.uk/bitesize/articles/zfx6dp3

1. Fill in the missing numbers:

8
?	

$\dfrac{1}{2}$ of 8 = $\Box$

8		
?		

$\dfrac{1}{4}$ of 8 = $\Box$

4

2
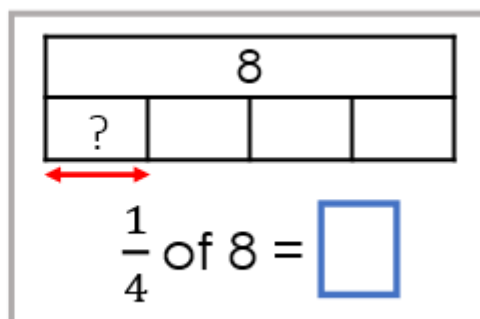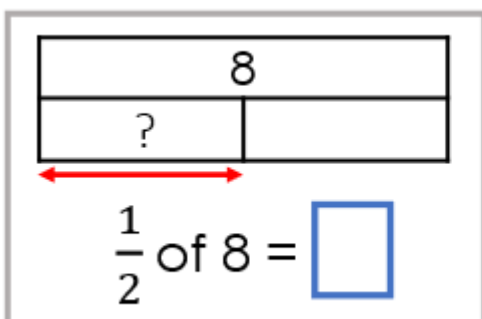
2.

Dora is asked to shade half of her shape.
This is what she shades.

Is she correct? Explain why.

She is right because the shape is divided into 12 equal parts and she has shaded 6 of them. 6 is half of 12

3.

Who has more? Explain why.

Rosie

I have $\frac{1}{4}$ of £8

I have $\frac{1}{2}$ of £6

Whitney

Whitney has more money because half of £6 is £3 and a quarter of £8 is £2