31.3.20

LO: To further understand equivalent fractions

How did you get on yesterday with your fractions? Before we move on to the next concept, I have set you some more equivalent fractions activities to help secure your understanding. If you would like a further explanation of equivalent fractions, visit this BBC Bitesize page:

https://www.bbc.co.uk/bitesize/topics/zsxhfg8/articles/zwjwgdm

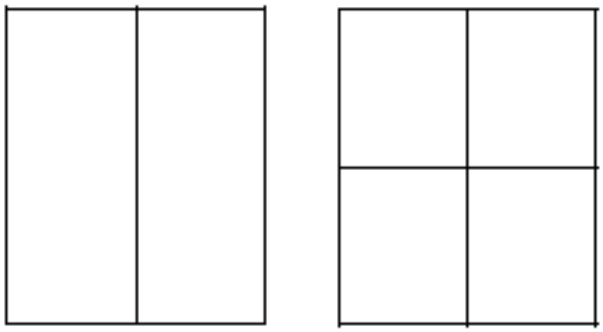
There are three worksheets for today, but work through to your own level. Try to complete at least the first sheet, then pick your own challenge as to how much further you would like to go.

If you do not have the facility to print the sheets, you can copy the diagrams into your maths book before completing. Don't forget to include the question number for each question you work out in your maths book.

If you haven't get had a go at making equivalent fractions with items at home (and this can include food if your parents say you can), then have a go today. It would be lovely if you could take pictures of the inventive ways you have created equivalent fractions, so that I can see how creative you have been when we next meet!

Equivalent Fractions

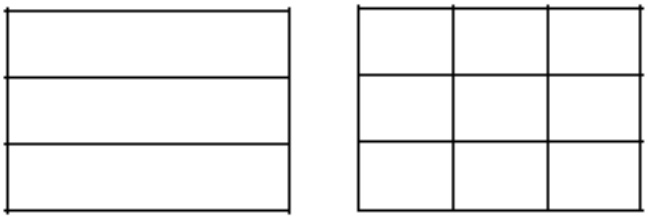
1a. Colour $\frac{1}{2}$ of each shape.



VF

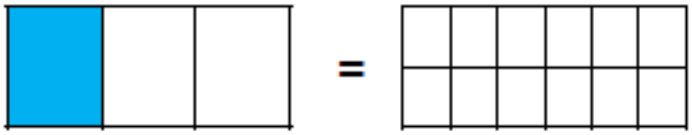
Equivalent Fractions

1b. Colour $\frac{1}{3}$ of each shape.



VF

2a. Colour the second image to show an equivalent fraction. Write the fractions underneath.



$\frac{\square}{\square} = \frac{\square}{\square}$

VF

2b. Colour the second image to show an equivalent fraction. Write the fractions underneath.

$\frac{\square}{\square} = \frac{\square}{\square}$

VF

3a. Fill in the missing multiplier.

$$\frac{1}{4} \xrightarrow{\times\ ?} \frac{3}{12} \qquad \frac{3}{12} \xrightarrow{\times\ ?} \frac{1}{4}$$

VF

3b. Filling the missing divisor.

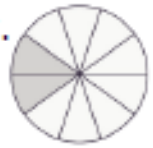
$$\frac{1}{5} \xrightarrow{\div\ ?} \frac{5}{25} \qquad \frac{5}{25} \xrightarrow{\div\ ?} \frac{1}{5}$$

VF

4a. Match the equivalent fractions.

A. 

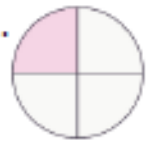
B. 

C. 

D. 

VF

4b. Match the equivalent fractions.

A. 

B. 

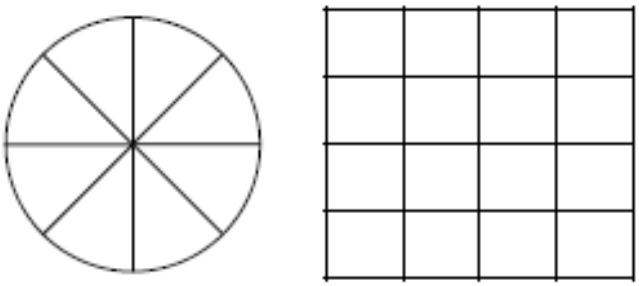
C. 

D. 

VF

Equivalent Fractions

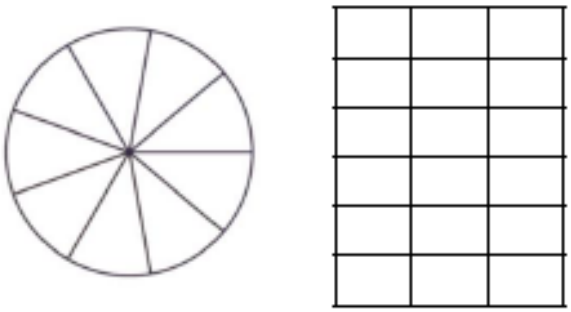
5a. Colour $\frac{2}{8}$ of each shape.



VF

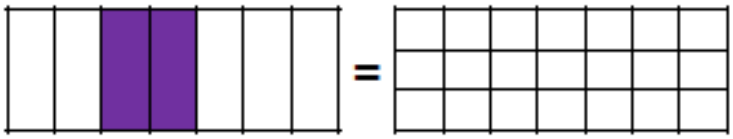
Equivalent Fractions

5b. Colour $\frac{2}{9}$ of each shape.



VF

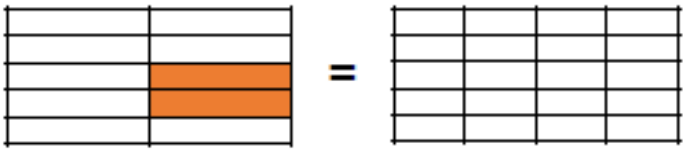
6a. Colour the second image to show an equivalent fraction. Write the fractions underneath.



$\square = \square$

VF

6b. Colour the second image to show an equivalent fraction. Write the fractions underneath.



$\square = \square$

VF

7a. Fill in the missing divisor.

$$\frac{2}{5} \overset{\div ?}{=} \frac{4}{10}$$

VF

7b. Fill in the missing multiplier.

$$\frac{2}{3} \overset{x ?}{=} \frac{12}{18}$$

VF

8a. Match the equivalent fractions.

A. 

B. 

C. 

D. 

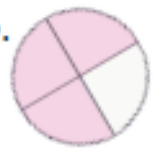
VF

8b. Match the equivalent fractions.

A. 

B. 

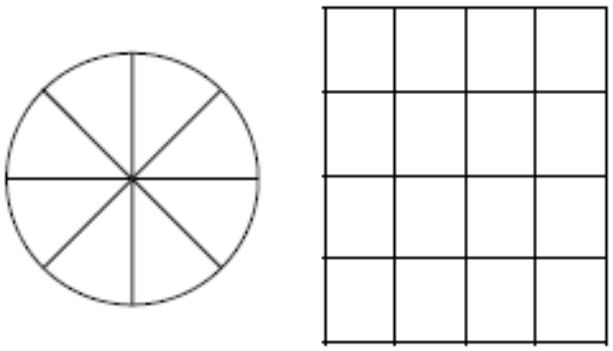
C. 

D. 

VF

Equivalent Fractions

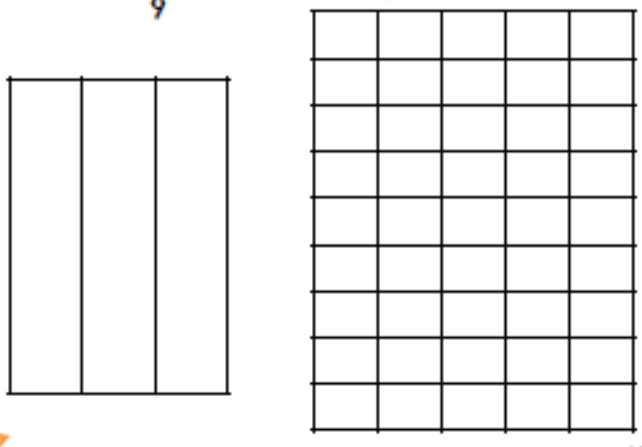
9a. Colour $\frac{3}{4}$ of each shape.



VF

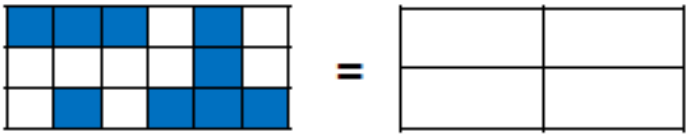
Equivalent Fractions

9b. Colour $\frac{6}{9}$ of each shape.



VF

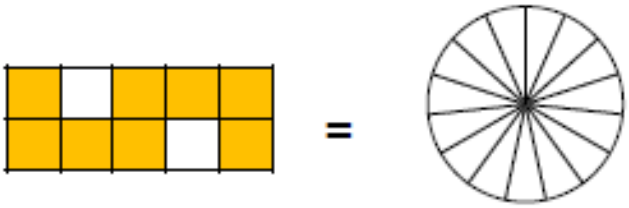
10a. Colour the second image to show an equivalent fraction. Write the fractions underneath.



$\frac{\square}{\square} = \frac{\square}{\square}$

VF

10b. Colour the second image to show an equivalent fraction. Write the fractions underneath.



$\frac{\square}{\square} = \frac{\square}{\square}$

VF

11a. Fill in the missing multiplier and numerator.

$$\frac{?}{18} = \frac{35}{90}$$

x ?

x ?

VF

11b. Fill in the missing divisor and denominator.

$$\frac{9}{15} = \frac{27}{?}$$

÷ ?

÷ ?

VF

12a. Match the equivalent fractions.

A	$\frac{6}{11}$	D.	$\frac{49}{63}$
B	$\frac{5}{8}$	E.	$\frac{75}{120}$
C	$\frac{7}{9}$	F.	$\frac{42}{77}$

VF

12b. Match the equivalent fractions.

A	$\frac{4}{15}$	D.	$\frac{8}{96}$
B	$\frac{4}{48}$	E.	$\frac{36}{64}$
C	$\frac{9}{16}$	F.	$\frac{20}{75}$

VF