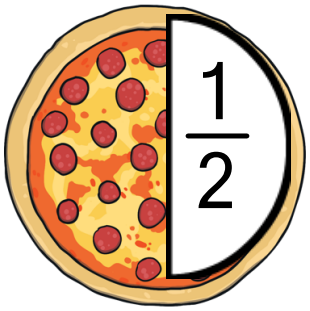
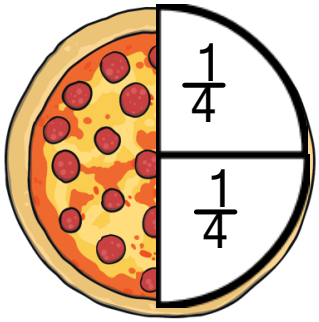
25.1.22

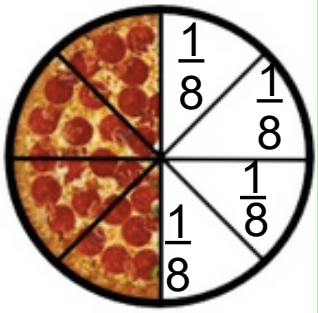
L.O. To identify equivalent fractions



$\frac{1}{2}$



$\frac{2}{4}$

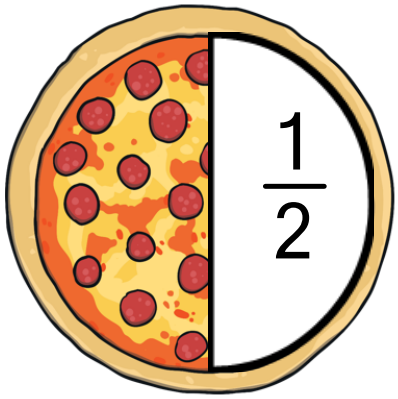


$\frac{4}{8}$

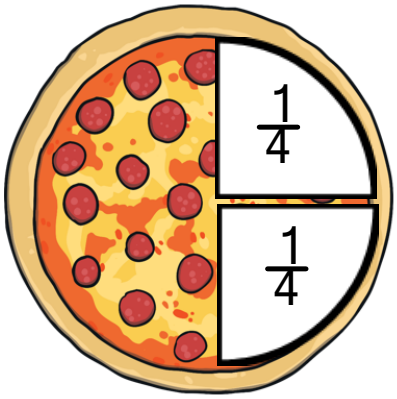
Look at the represented fractions. Notice how even though all the fractions are different, they all show the same amount of the pizza.

Here all the fractions are all expressing one half.

$$\frac{1}{2} = \frac{2}{4} = \frac{4}{8}$$



Equivalent fractions are fractions which represent the same amount but are represented using different numerators and denominators.

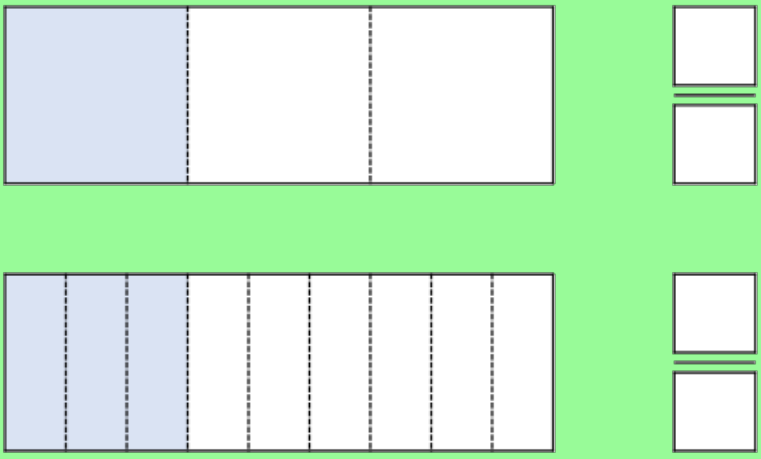


$\frac{1}{2}$

$\frac{2}{4}$

That is why they are equivalent!

Write the fraction represented by the shaded part of the images.



What do you notice about the fractions?

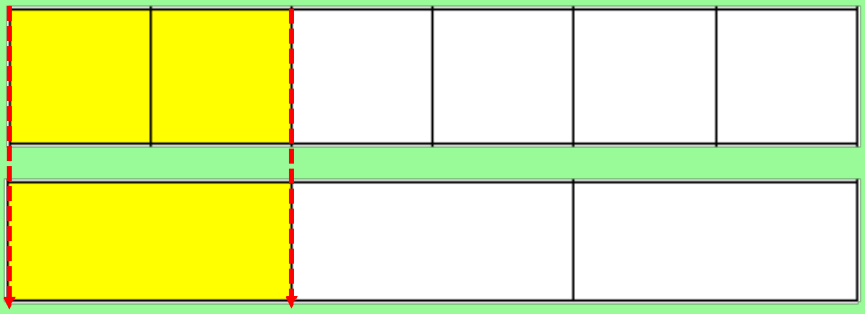
Which two fractions are equivalent to each other?

A. 

B. 

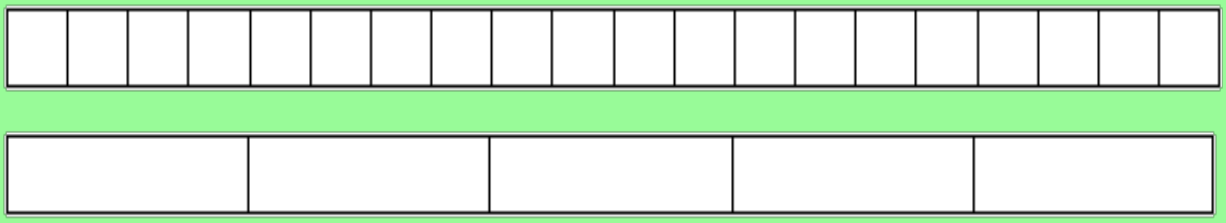
C. 

We can use a fraction wall like this to check equivalent fractions.



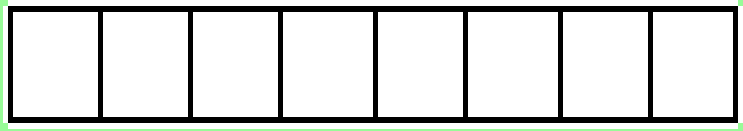
$$\frac{2}{6} = \frac{1}{3}$$

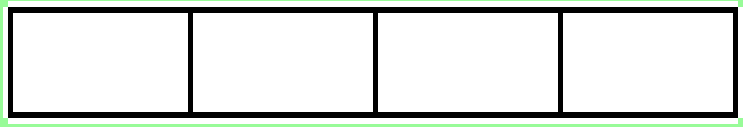
Complete the diagram to show:



$$\frac{1}{5} = \frac{4}{20}$$

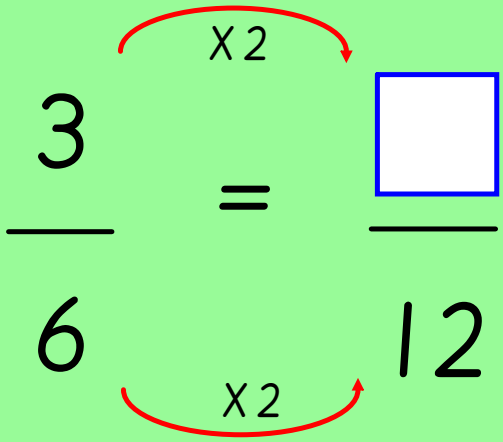
Complete the diagram to show:





$$\frac{4}{8} = \frac{\square}{4}$$

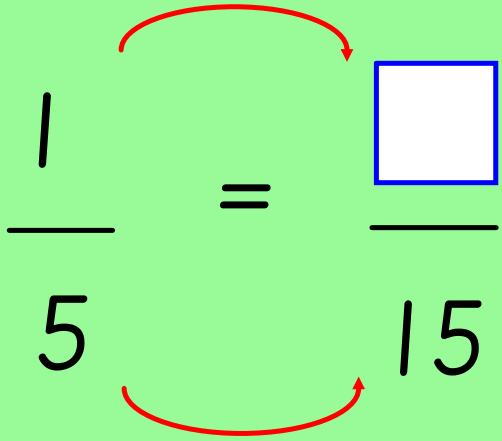
We can also use this method to find equivalent fractions:



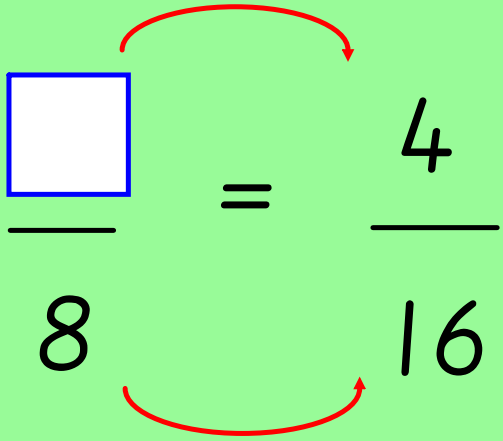
The denominator has been multiplied by 2.

So we need to multiply the numerator by 2 to find the equivalent fraction.

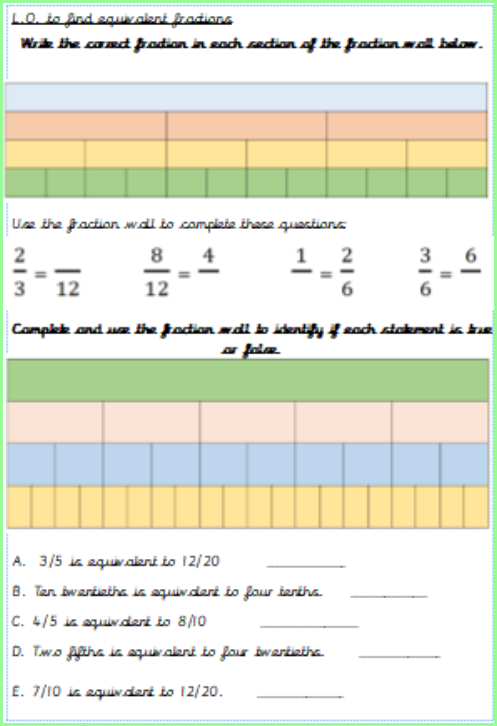
Complete the equivalent fraction:



Complete the equivalent fraction:



Main Task



L.O. to find equivalent fractions

Write the correct fraction in each section of the fraction wall below.

Use the fraction wall to complete these questions:

$\frac{2}{3} = \frac{\quad}{12}$ $\frac{8}{12} = \frac{4}{\quad}$ $\frac{1}{\quad} = \frac{2}{6}$ $\frac{3}{6} = \frac{6}{\quad}$

Complete and use the fraction wall to identify if each statement is true or false.

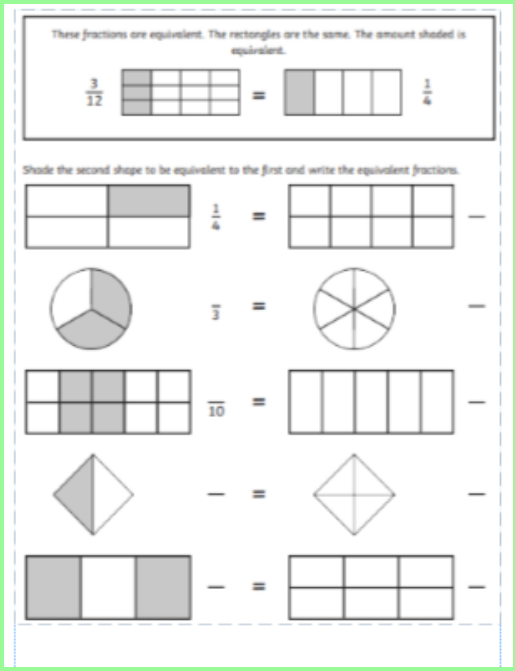
A. 3/5 is equivalent to 12/20 _____

B. Ten twentieths is equivalent to four tenths. _____

C. 4/5 is equivalent to 8/10 _____

D. Two fifths is equivalent to four twentieths. _____

E. 7/10 is equivalent to 12/20. _____



These fractions are equivalent. The rectangles are the same. The amount shaded is equivalent.

$\frac{3}{12} = \frac{1}{4}$

Shade the second shape to be equivalent to the first and write the equivalent fractions.

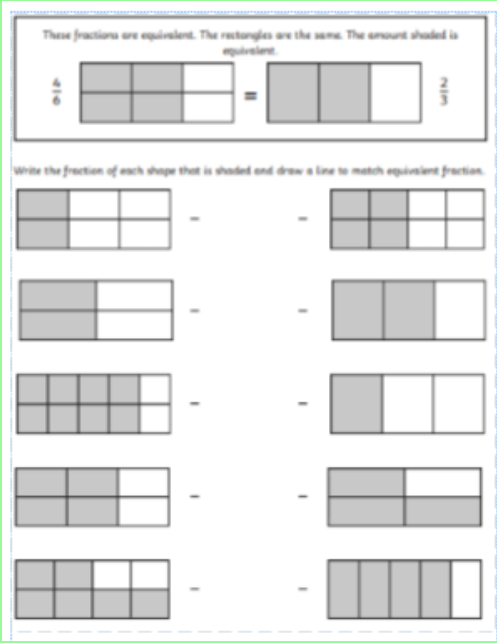
$\frac{1}{4} =$ —

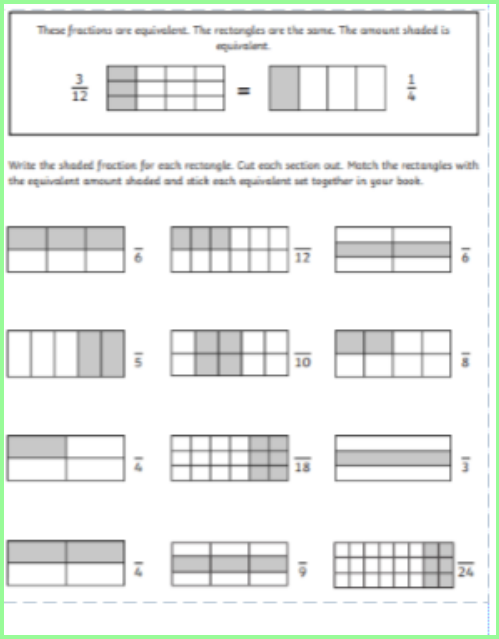
$\frac{1}{3} =$ —

$\frac{}{10} =$ —

— = —

— = —


These fractions are equivalent. The rectangles are the same. The amount shaded is equivalent.
4/6 = 2/3
Write the fraction of each shape that is shaded and draw a line to match equivalent fraction.


These fractions are equivalent. The rectangles are the same. The amount shaded is equivalent.
3/12 = 1/4
Write the shaded fraction for each rectangle. Cut each section out. Match the rectangles with the equivalent amount shaded and stick each equivalent set together in your book.