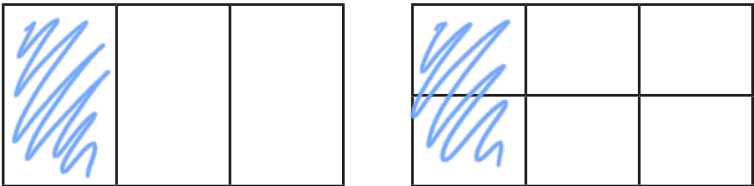
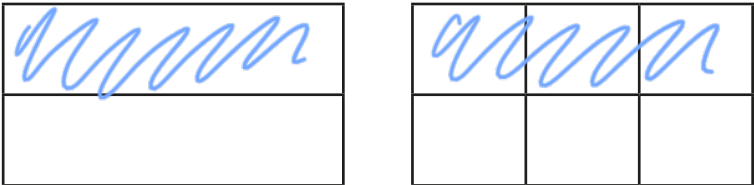


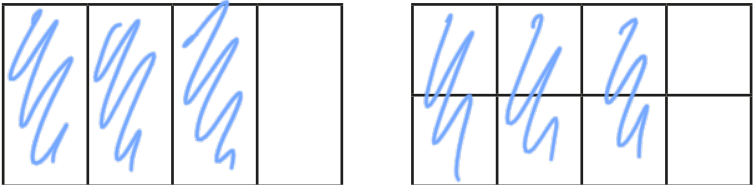
# Equivalent fractions (3)

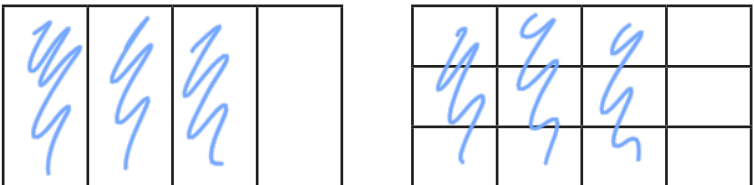


1 Shade the shapes to help you complete the equivalent fractions.

a)   $\frac{1}{3} = \frac{\boxed{2}}{\boxed{6}}$

b)   $\frac{1}{2} = \frac{\boxed{3}}{\boxed{6}}$

c)   $\frac{3}{4} = \frac{\boxed{6}}{\boxed{8}}$

d)   $\frac{3}{4} = \frac{\boxed{9}}{\boxed{12}}$

2 Use the fraction wall to complete the equivalent fractions.

$\frac{1}{3}$			$\frac{1}{3}$			$\frac{1}{3}$		
$\frac{1}{6}$		$\frac{1}{6}$	$\frac{1}{6}$		$\frac{1}{6}$	$\frac{1}{6}$		$\frac{1}{6}$
$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$

a)  $\frac{1}{3} = \frac{\boxed{2}}{6}$

d)  $\frac{2}{3} = \frac{6}{\boxed{9}}$

b)  $\frac{1}{3} = \frac{\boxed{3}}{9}$

e)  $\frac{4}{6} = \frac{6}{\boxed{9}}$

c)  $\frac{2}{3} = \frac{4}{\boxed{6}}$

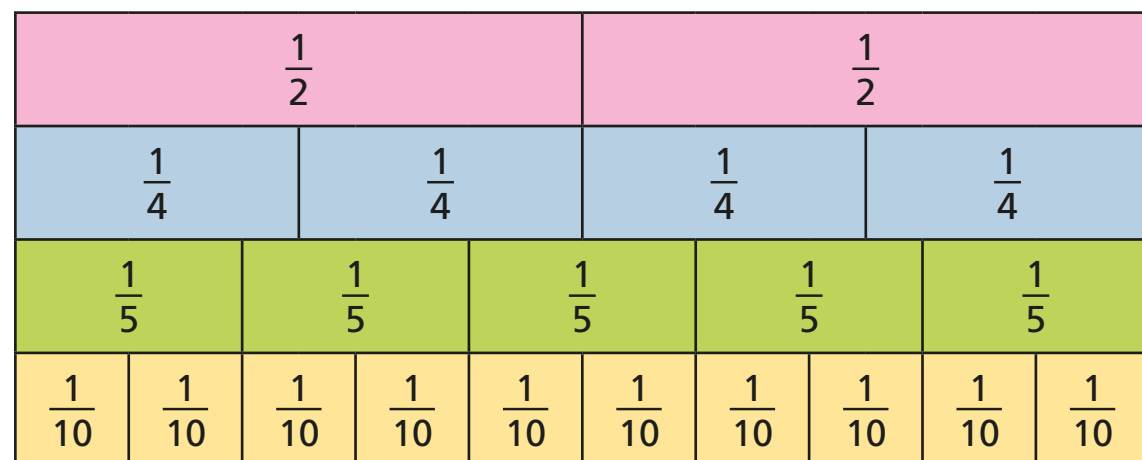
e)  $\frac{1}{3} = \frac{\boxed{2}}{6} = \frac{\boxed{3}}{9}$

3 Draw a picture to show that one quarter is equivalent to two eighths.

e.g.



- 4 Use the fraction wall to decide whether the fractions are equivalent or not.

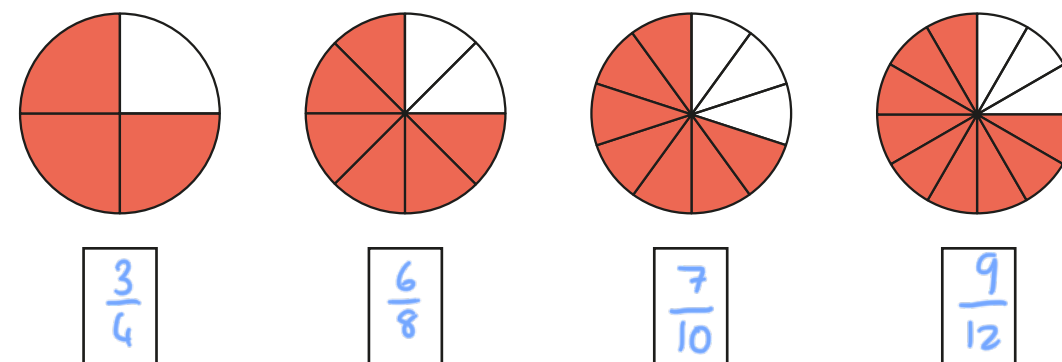


Complete the sentences using **is** or **is not**.

- a)  $\frac{1}{2}$  is equivalent to  $\frac{2}{4}$
- b)  $\frac{1}{4}$  is not equivalent to  $\frac{2}{10}$
- c)  $\frac{1}{2}$  is equivalent to  $\frac{5}{10}$
- d)  $\frac{3}{10}$  is not equivalent to  $\frac{2}{5}$
- e)  $\frac{4}{5}$  is equivalent to  $\frac{8}{10}$
- f)  $\frac{3}{4}$  is not equivalent to  $\frac{4}{5}$

Write some sentences of your own and ask a partner to fill in the gaps.

- 5 a) What fraction of each shape is shaded?



- b) Use the fractions in part a) to complete the sentences.

e.g.  $\frac{3}{4}$  is equivalent to  $\frac{6}{8}$

$\frac{3}{4}$  is equivalent to  $\frac{9}{12}$

$\frac{6}{8}$  is not equivalent to  $\frac{7}{10}$

$\frac{7}{10}$  is not equivalent to  $\frac{3}{4}$

Compare answers with a partner.

- 6 The bar model represents  $\frac{1}{2}$

Write as many equivalent fractions as you can.

*Various answers.*

What is the same about all the fractions you have written?