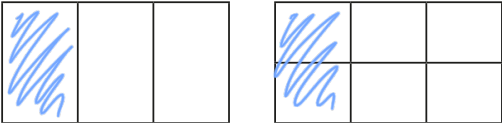
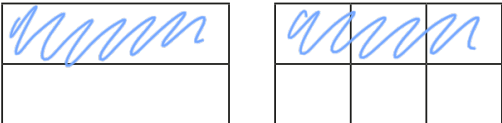
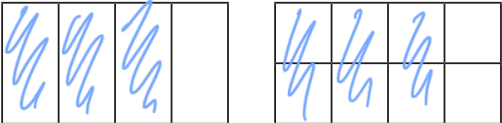



Equivalent fractions (3)

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

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

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

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

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



2 Use the fraction wall to complete the equivalent fractions.

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

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

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

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

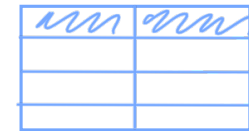
e) $\frac{4}{6} = \frac{6}{9}$

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

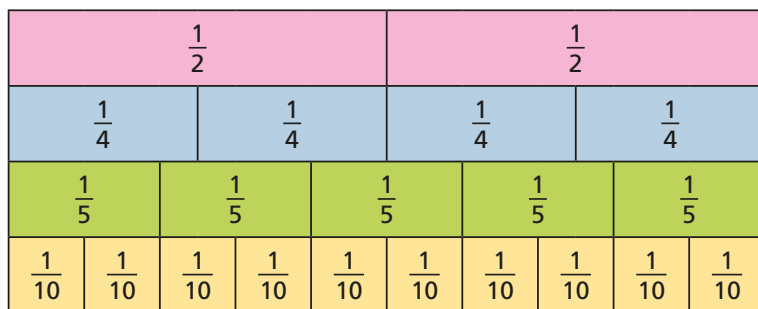
e) $\frac{1}{3} = \frac{2}{6} = \frac{3}{9}$

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.

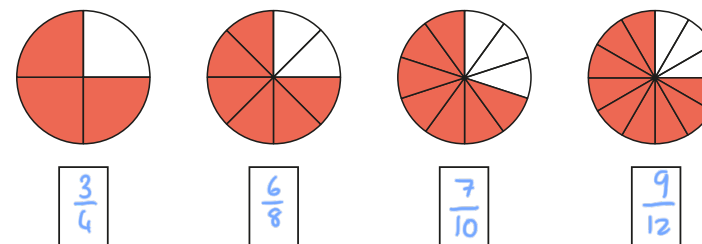


Complete the sentences using **is** or **is not**.

- 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?