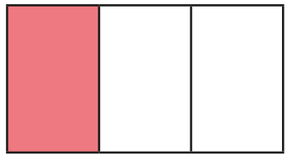
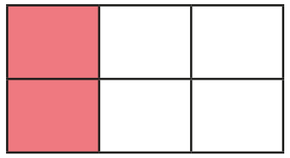
Equivalent fractions (2)

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

The first one has been done for you.

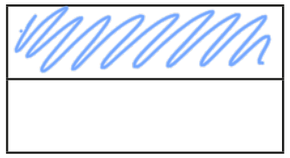
a)

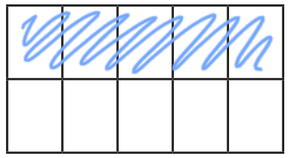




$\frac{1}{3} = \frac{3}{6}$

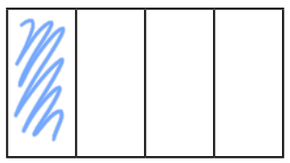
b)

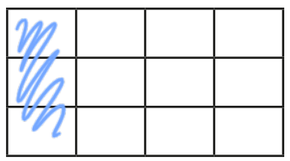




$\frac{1}{2} = \frac{5}{10}$

c)



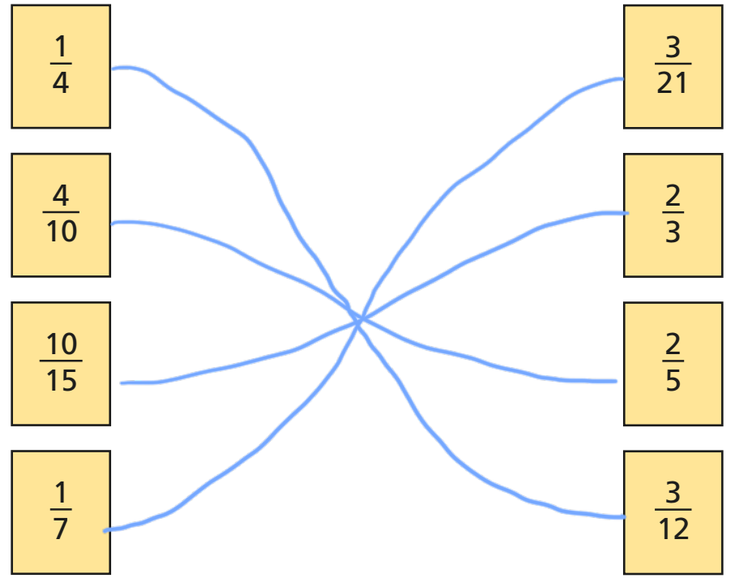


$\frac{1}{4} = \frac{3}{12}$

2 Draw a diagram to show that $\frac{3}{4} = \frac{6}{8}$



3 Match the equivalent fractions.



4 Complete the equivalent fractions.

a) $\frac{1}{5} = \frac{2}{10}$

b) $\frac{4}{5} = \frac{8}{10}$

c) $\frac{3}{10} = \frac{6}{20}$

d) $\frac{3}{10} = \frac{9}{30}$

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

f) $\frac{8}{12} = \frac{2}{3}$

g) $\frac{8}{12} = \frac{2}{3}$

h) $\frac{2}{5} = \frac{10}{25}$

i) $\frac{1}{7} = \frac{4}{28}$

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5 **a)** Write the fractions in the correct place on the sorting diagram.

$\frac{8}{24}$ $\frac{3}{12}$ $\frac{5}{15}$ $\frac{6}{24}$ $\frac{4}{12}$ $\frac{9}{36}$ $\frac{3}{9}$ $\frac{4}{16}$

	equivalent to $\frac{1}{3}$	equivalent to $\frac{1}{4}$
odd denominator	$\frac{5}{15}$ $\frac{3}{9}$	
even denominator	$\frac{8}{24}$ $\frac{4}{12}$	$\frac{3}{12}$ $\frac{6}{24}$ $\frac{9}{36}$ $\frac{4}{16}$

b) Are any of the boxes empty?

Why do you think this is?

Talk about your answer with a partner.

6 Find three ways to make the fractions equivalent.

various answers e.g.

a) $\frac{2}{2} = \frac{4}{4}$ $\frac{2}{5} = \frac{4}{10}$ $\frac{2}{71} = \frac{4}{142}$

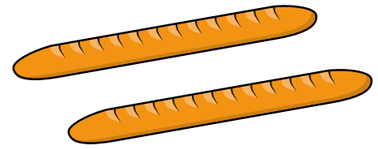
b) $\frac{1}{5} = \frac{4}{20}$ $\frac{1}{2} = \frac{4}{8}$ $\frac{1}{10} = \frac{4}{40}$

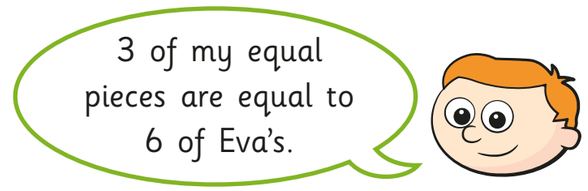
c) $\frac{2}{3} = \frac{6}{9}$ $\frac{1}{3} = \frac{3}{9}$ $\frac{3}{3} = \frac{9}{9}$

7 Eva and Ron have a baguette each.

The baguettes are the same size.

Eva cuts her baguette into 8 equal pieces.





How many equal pieces has Ron cut his baguette into?

Eva

Ron

Ron has cut his baguette into 4 equal pieces.

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