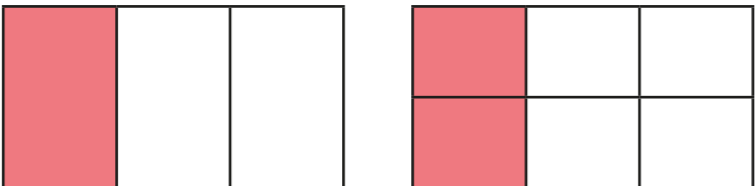


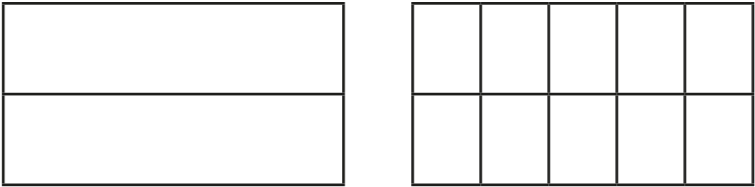
Equivalent fractions (2)

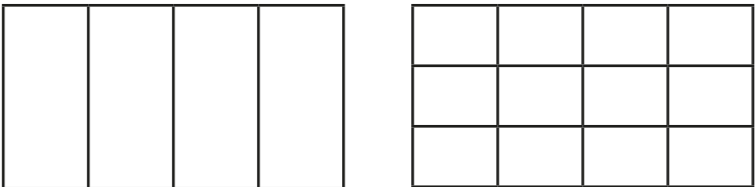


1 Shade the diagrams to help you complete the equivalent fractions.

The first one has been done for you.

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

b)  $\frac{1}{2} = \frac{\square}{\square}$

c)  $\frac{1}{4} = \frac{\square}{\square}$

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

3 Match the equivalent fractions.

$$\frac{1}{4}$$

$$\frac{4}{10}$$

$$\frac{10}{15}$$

$$\frac{1}{7}$$

$$\frac{3}{21}$$

$$\frac{2}{3}$$

$$\frac{2}{5}$$

$$\frac{3}{12}$$

4 Complete the equivalent fractions.

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

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

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

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

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

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

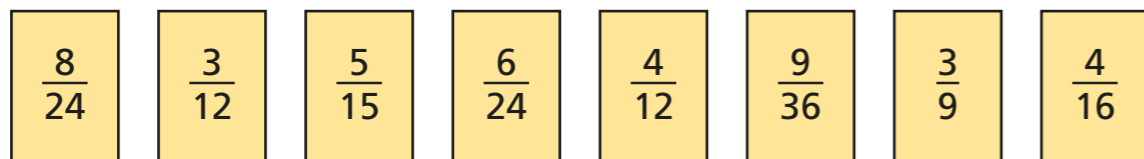
c) $\frac{3}{10} = \frac{6}{\square}$

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

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



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



| | equivalent to $\frac{1}{3}$ | equivalent to $\frac{1}{4}$ |
|------------------|-----------------------------|-----------------------------|
| odd denominator | | |
| even denominator | | |

- 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.

a) $\frac{2}{\square} = \frac{4}{\square}$ $\frac{2}{\square} = \frac{4}{\square}$ $\frac{2}{\square} = \frac{4}{\square}$

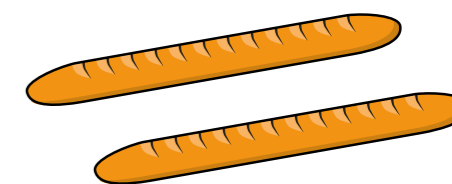
b) $\frac{1}{\square} = \frac{4}{\square}$ $\frac{1}{\square} = \frac{4}{\square}$ $\frac{1}{\square} = \frac{4}{\square}$

c) $\frac{\square}{3} = \frac{\square}{9}$ $\frac{\square}{3} = \frac{\square}{9}$ $\frac{\square}{3} = \frac{\square}{9}$

- 7 Eva and Ron have a baguette each.

The baguettes are the same size.

Eva cuts her baguette into 8 equal pieces.



3 of my equal pieces are equal to 6 of Eva's.

How many equal pieces has Ron cut his baguette into?

Ron has cut his baguette into equal pieces.

