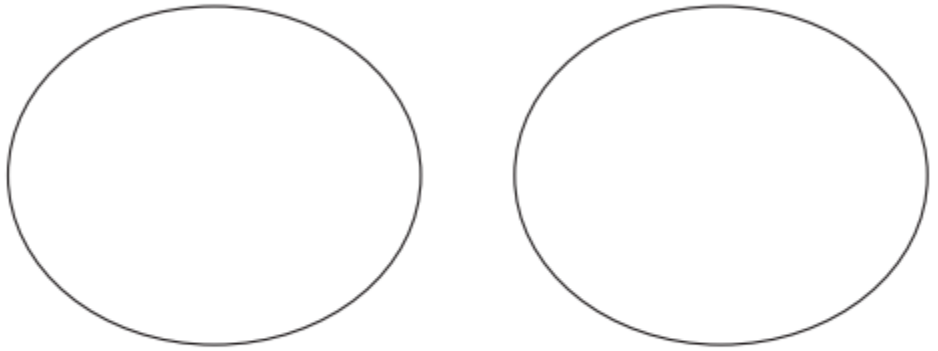
Independent Practise – WALT understand how to find equivalent fractions

1

a) Sort the fractions into the groups.

Equivalent to $\frac{1}{4}$ | Equivalent to $\frac{1}{3}$



$\frac{5}{15}$ $\frac{2}{6}$ $\frac{3}{12}$ $\frac{6}{24}$ $\frac{8}{24}$ $\frac{5}{20}$ $\frac{4}{12}$ $\frac{2}{8}$

b) Write one more fraction in each group.

2

Complete the equivalent fractions.

a) $\frac{1}{7} = \frac{\square}{14}$ **d)** $\frac{3}{4} = \frac{6}{\square}$ **g)** $\frac{2}{\square} = \frac{10}{15}$

b) $\frac{5}{7} = \frac{\square}{14}$ **e)** $\frac{3}{4} = \frac{12}{\square}$ **h)** $\frac{2}{\square} = \frac{10}{25}$

c) $\frac{7}{8} = \frac{14}{\square}$ **f)** $\frac{3}{4} = \frac{\square}{12}$ **i)** $\frac{2}{7} = \frac{10}{\square}$

b) What is the pattern in g, h and i?

3 Find three ways to make the fractions equivalent.

a) $\frac{1}{\square} = \frac{7}{\square}$ $\frac{1}{\square} = \frac{7}{\square}$ $\frac{1}{\square} = \frac{7}{\square}$

b) $\frac{7}{\square} = \frac{14}{\square}$ $\frac{7}{\square} = \frac{14}{\square}$ $\frac{7}{\square} = \frac{14}{\square}$

c) $\frac{\square}{7} = \frac{\square}{14}$ $\frac{\square}{7} = \frac{\square}{14}$ $\frac{\square}{7} = \frac{\square}{14}$

4

Here are some equivalent fractions.

Find the values of A, B and C.

$\frac{A}{9}$ $\frac{3}{B}$ $\frac{2}{18}$ $\frac{C}{90}$

A = ☐ B = ☐ C = ☐

5

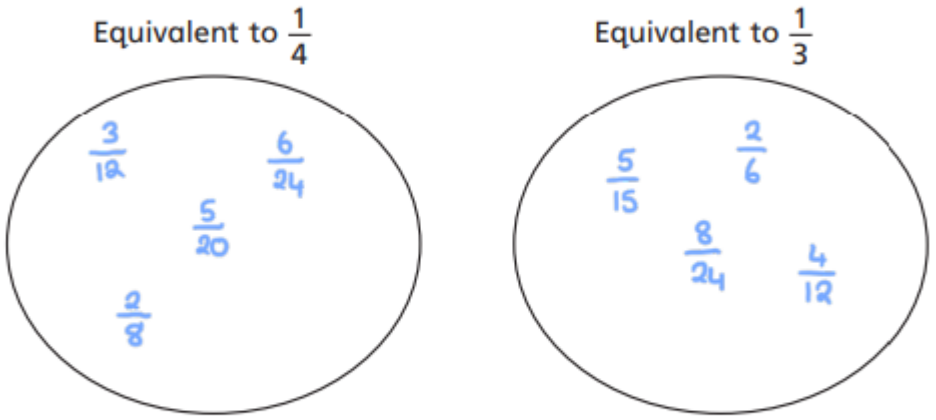
$\frac{1}{5} = \frac{3}{1 + ●}$

Find the value of ●

Independent Practise – WALT understand how to find equivalent fractions ANSWERS

1

a) Sort the fractions into the groups.



$\frac{5}{15}$	$\frac{2}{6}$	$\frac{3}{12}$	$\frac{6}{24}$	$\frac{8}{24}$	$\frac{5}{20}$	$\frac{4}{12}$	$\frac{2}{8}$

2

Complete the equivalent fractions.

a) $\frac{1}{7} = \frac{2}{14}$

b) $\frac{5}{7} = \frac{10}{14}$

c) $\frac{7}{8} = \frac{14}{16}$

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

e) $\frac{3}{4} = \frac{12}{16}$

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

g) $\frac{2}{3} = \frac{10}{15}$

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

i) $\frac{2}{7} = \frac{10}{35}$

b) What is the pattern in g, h and i? **multiplying or dividing by 10**

3

Find three ways to make the fractions equivalent.

e.g.

a) $\frac{1}{2} = \frac{7}{14}$

$\frac{1}{8} = \frac{7}{56}$

$\frac{1}{100} = \frac{7}{700}$

b) $\frac{7}{7} = \frac{14}{14}$

$\frac{7}{1} = \frac{14}{2}$

$\frac{7}{10} = \frac{14}{20}$

c) $\frac{1}{7} = \frac{2}{14}$

$\frac{5}{7} = \frac{10}{14}$

$\frac{21}{7} = \frac{42}{14}$

4

Here are some equivalent fractions.

Find the values of A, B and C.

$\frac{A}{9}$	$\frac{3}{B}$	$\frac{2}{18}$	$\frac{C}{90}$

A = 1 B = 27 C = 10

5

● = 14