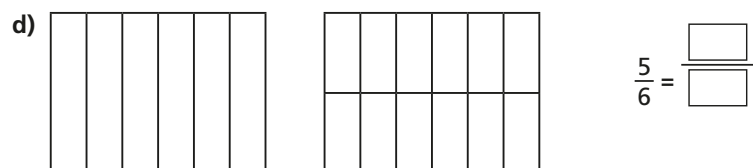
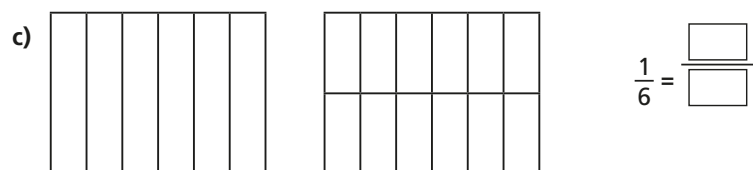
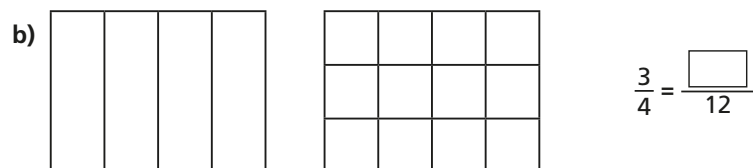
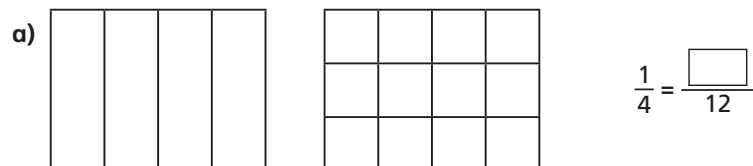


- 1 Shade the shapes to show the equivalent fractions.



- 2 Draw two rectangles to show that $\frac{1}{3} = \frac{4}{12}$

- 3 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.



- 4 Complete the equivalent fractions.

a) $\frac{1}{7} = \frac{\boxed{}}{14}$ d) $\frac{3}{4} = \frac{6}{\boxed{}}$ g) $\frac{2}{\boxed{}} = \frac{10}{15}$
 b) $\frac{5}{7} = \frac{\boxed{}}{14}$ e) $\frac{3}{4} = \frac{12}{\boxed{}}$ h) $\frac{2}{\boxed{}} = \frac{10}{25}$
 c) $\frac{7}{8} = \frac{14}{\boxed{}}$ f) $\frac{3}{4} = \frac{\boxed{}}{12}$ i) $\frac{2}{7} = \frac{10}{\boxed{}}$

- j) Describe the pattern in parts g), h) and i) to a partner.

- 5 Find three ways to make the fractions equivalent.

a) $\frac{1}{\boxed{}} = \frac{7}{\boxed{}}$ b) $\frac{7}{\boxed{}} = \frac{14}{\boxed{}}$ c) $\frac{\boxed{}}{7} = \frac{\boxed{}}{14}$
 $\frac{1}{\boxed{}} = \frac{7}{\boxed{}}$ $\frac{7}{\boxed{}} = \frac{14}{\boxed{}}$ $\frac{\boxed{}}{7} = \frac{\boxed{}}{14}$
 $\frac{1}{\boxed{}} = \frac{7}{\boxed{}}$ $\frac{7}{\boxed{}} = \frac{14}{\boxed{}}$ $\frac{\boxed{}}{7} = \frac{\boxed{}}{14}$

- 6 Ron is finding equivalent fractions to $\frac{1}{4}$



$\frac{1}{4}$ is equivalent to $\frac{5}{8}$
and $\frac{9}{12}$

Do you agree with Ron?

Draw a diagram to support your answer.

Compare answers with a partner.



4 Complete the equivalent fractions.

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

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

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

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

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

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

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

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

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

j) Describe the pattern in parts g), h) and i) to a partner.

5 Find three ways to make the fractions equivalent.

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

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

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

$\frac{1}{\boxed{}} = \frac{7}{\boxed{}}$

$\frac{7}{\boxed{}} = \frac{14}{\boxed{}}$

$\frac{\boxed{}}{7} = \frac{\boxed{}}{14}$

$\frac{1}{\boxed{}} = \frac{7}{\boxed{}}$

$\frac{7}{\boxed{}} = \frac{14}{\boxed{}}$

$\frac{\boxed{}}{7} = \frac{\boxed{}}{14}$

6 Ron is finding equivalent fractions to $\frac{1}{4}$



$\frac{1}{4}$ is equivalent to $\frac{5}{8}$
and $\frac{9}{12}$

Do you agree with Ron?

Draw a diagram to support your answer.

Compare answers with a partner.

7 Here are some equivalent fractions.

Find the values of A, B and C.

$\frac{A}{9}$

$\frac{3}{B}$

$\frac{2}{18}$

$\frac{C}{90}$

8 Here are three fraction cards.

All the fractions are equivalent.

$\frac{3}{A}$

$\frac{B}{14}$

$\frac{12}{C}$

$A + B = 13$

Work out the value of C.

9 $\frac{1}{5} = \frac{3}{1 + \bullet}$

Find the value of $\bullet$