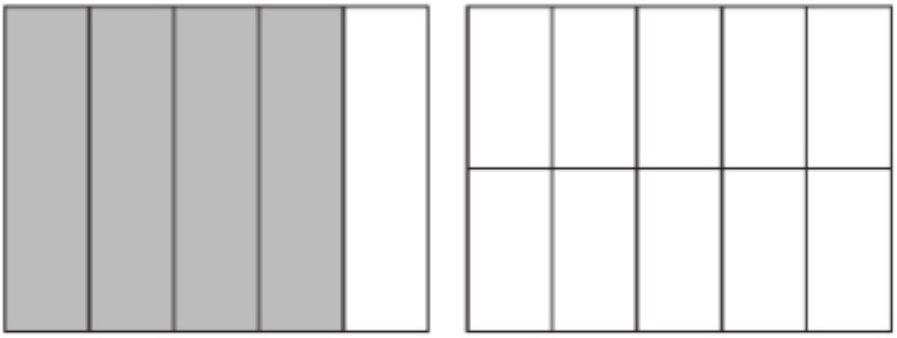
Equivalent fractions 2

1 Use the shapes to find equivalent fractions.

a)

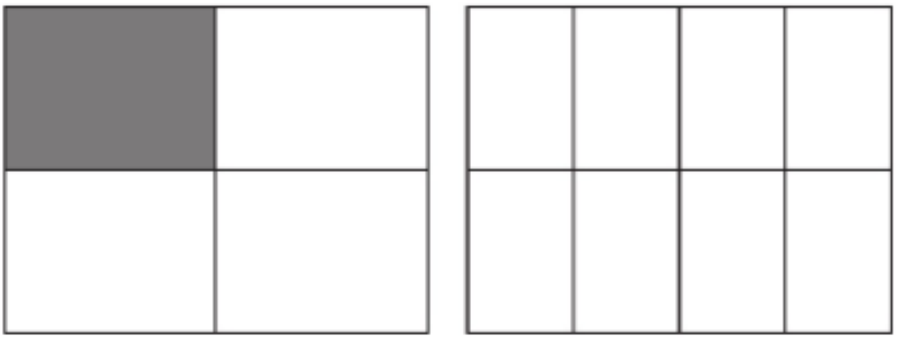
$\frac{1}{2} = \frac{\square}{6}$

b)



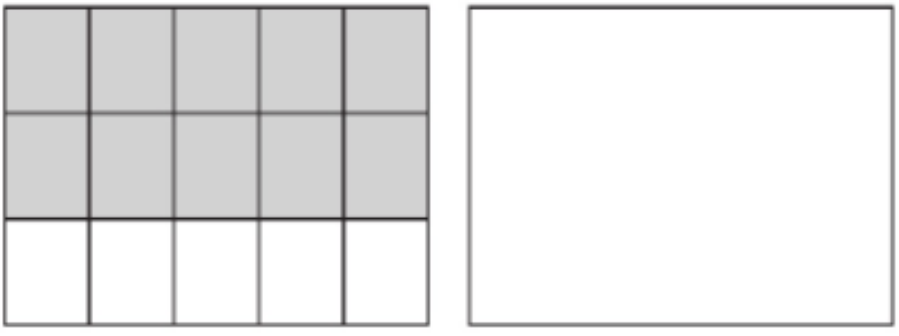
$\frac{4}{5} = \frac{\square}{10}$

c)



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

d)



$\frac{10}{15} = \frac{\square}{\square}$

2 Find the missing numbers.

a) $\frac{1}{2} = \frac{\square}{8}$

b) $\frac{3}{4} = \frac{15}{\square}$

c) $\frac{3}{5} = \frac{9}{\square}$

d) $\frac{1}{6} = \frac{\square}{24}$

e) $\frac{\square}{7} = \frac{6}{21}$

f) $\frac{20}{24} = \frac{\square}{\square} = \frac{\square}{\square}$

3 Draw lines to connect the equivalent fractions.

$\frac{1}{5}$	$\frac{2}{3}$	$\frac{10}{20}$	$\frac{5}{6}$	$\frac{2}{9}$	$\frac{11}{12}$
$\frac{4}{6}$	$\frac{6}{27}$	$\frac{55}{60}$	$\frac{4}{20}$	$\frac{1}{2}$	$\frac{10}{12}$

4 Find numbers that can make the fractions equivalent.

a) $\frac{\square}{45} = \frac{\square}{5}$

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b) $= \frac{6}{\square} = \frac{18}{\square}$

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5 Write three equivalent fractions for each fraction.

a) $\frac{5}{6}$ $\square$ $\square$ $\square$

b) $\frac{10}{10}$ $\square$ $\square$ $\square$

c) $\frac{1}{8}$ $\square$ $\square$ $\square$

6 Prove that these fractions are equivalent. Explain your reasoning to a partner.

$\frac{12}{20}$ $\frac{9}{15}$

CHALLENGE

Reflect

Explain how to find fractions that are equivalent to $\frac{1}{4}$.