**1** Write equal fractions for each pair of designs.
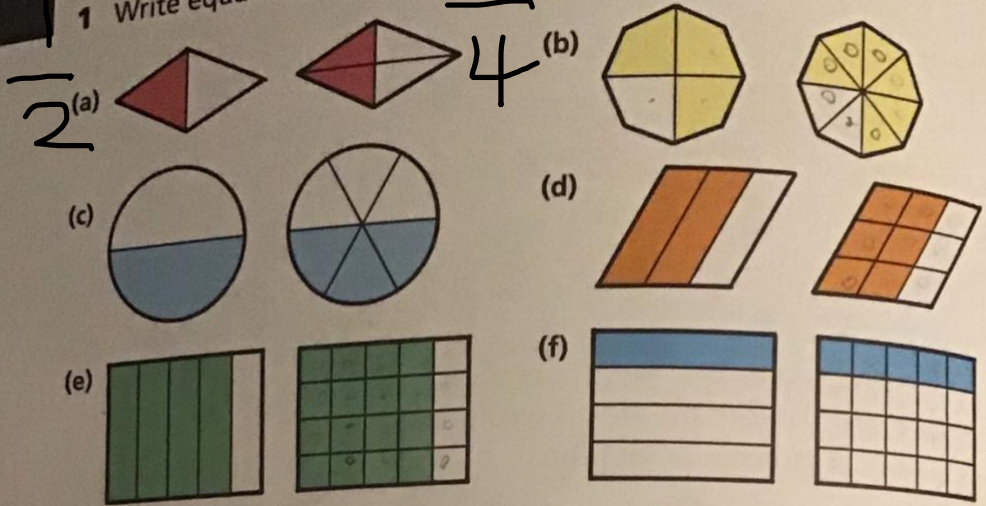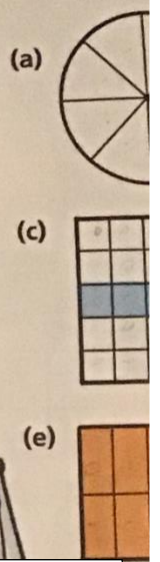
$\frac{2}{4}$

$\frac{1}{2}$

(a)

(b)

(c)
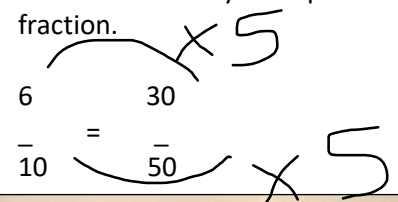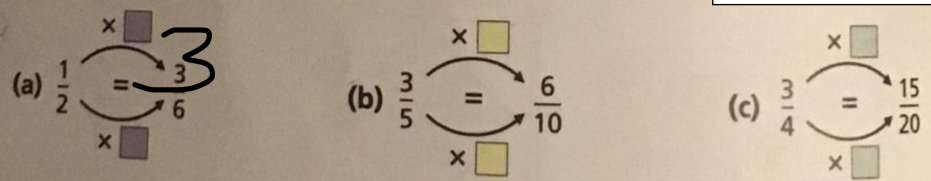
(d)

(e)

(f)

> To make an equal fraction **multiply** the top **and** bottom by the same number.
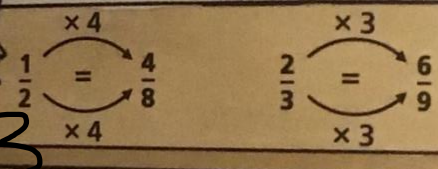
> Times the top number (the numerator) and the bottom number (the denominator) by the same number to make your equivalent fraction.
>
> $\times 5$
>
> $\frac{6}{10} = \frac{30}{50}$ $\times 5$

$\times 4$

$$\frac{1}{2} = \frac{4}{8}$$

$\times 4$

3

$\times 3$

$$\frac{2}{3} = \frac{6}{9}$$

$\times 3$

**2** Find the missing numbers.

(a) $\frac{1}{2} \overset{\times \square}{\underset{\times \square}{=}} \frac{3}{6}$  3

(b) $\frac{3}{5} \overset{\times \square}{\underset{\times \square}{=}} \frac{6}{10}$

(c) $\frac{3}{4} \overset{\times \square}{\underset{\times \square}{=}} \frac{15}{20}$

**3** Copy and complete.

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

(b) $\frac{1}{3} = \frac{}{6}$

(c) $\frac{1}{4} = \frac{}{12}$

(d) $\frac{1}{10} = \frac{}{100}$

(e) $\frac{2}{3} = \frac{}{12}$

(f) $\frac{3}{4} = \frac{}{8}$

(g) $\frac{1}{10} = \frac{}{20}$

(h) $\frac{7}{10} = \frac{}{100}$

**4** Change (a) $\frac{1}{2}$ to eighths

(b) $\frac{4}{5}$ to tenths

(c) $\frac{2}{5}$ to twentieths.

**5** Find two other fractions equal to

(a) $\frac{1}{4}$   (b) $\frac{3}{5}$   (c) $\frac{9}{10}$   (d) $\frac{2}{2}$

R10

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**1** Write equa

(a)

(c)

(e)

**2** Copy an

(a) $\frac{4}{8} =$

(e) $\frac{3}{9} =$

**3** Change

(a) $\frac{30}{100}$

**4** Simplif

(a) $\frac{4}{10}$

(f) $\frac{16}{20}$