Equivalent fractions

Maths

Mr Chan

Equivalent fractions
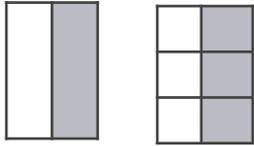
1. Write the equivalent fractions for each of these shapes.

a)

b)
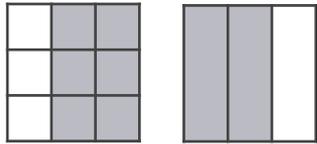
c)
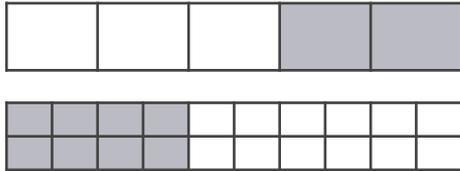
2. Calculate the missing numbers for each of these equivalent fractions.

a) $\dfrac{1}{4} = \dfrac{}{12}$

b) $\dfrac{1}{5} = \dfrac{}{15}$

c) $\dfrac{1}{3} = \dfrac{7}{}$

d) $\dfrac{6}{9} = \dfrac{}{3}$

e) $\dfrac{}{10} = \dfrac{15}{30}$

f) $\dfrac{}{6} = \dfrac{10}{15}$

Equivalent fractions
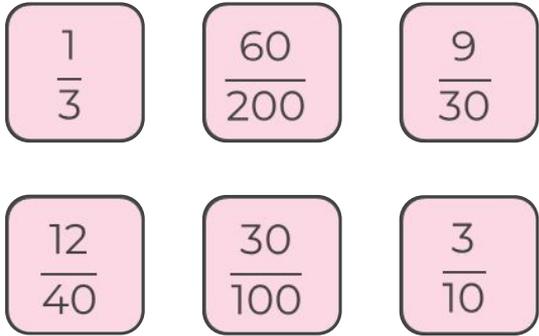
3. Here are some fraction cards.

$\frac{1}{3}$ $\frac{60}{200}$ $\frac{9}{30}$

$\frac{12}{40}$ $\frac{30}{100}$ $\frac{3}{10}$

Write down the cards that are equivalent to $\frac{6}{20}$

4. All of the fractions below are equivalent.

$\frac{6}{A}$ $\frac{10}{15}$ $\frac{12}{B}$ $\frac{C}{30}$
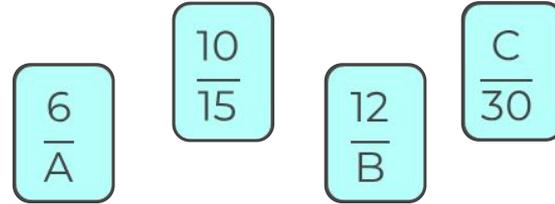
a) Find the values of A, B and C.
b) Write a different fraction that is also equivalent to the ones shown.

Answers

Equivalent fractions
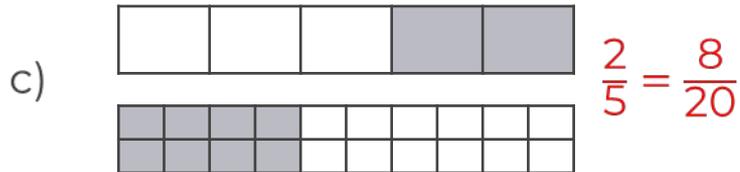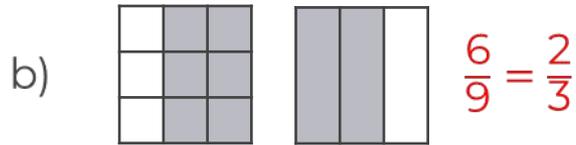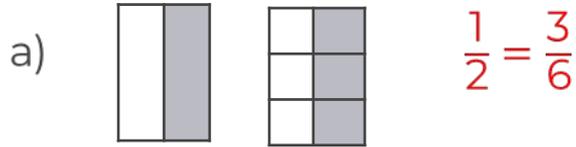
1. Write the equivalent fractions for each of these shapes.

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

b) $\dfrac{6}{9} = \dfrac{2}{3}$

c) $\dfrac{2}{5} = \dfrac{8}{20}$

2. Calculate the missing numbers for each of these equivalent fractions.

a) $\dfrac{1}{4} = \dfrac{3}{12}$

b) $\dfrac{1}{5} = \dfrac{3}{15}$

c) $\dfrac{1}{3} = \dfrac{7}{21}$

d) $\dfrac{6}{9} = \dfrac{2}{3}$

e) $\dfrac{5}{10} = \dfrac{15}{30}$

f) $\dfrac{4}{6} = \dfrac{10}{15}$

Equivalent fractions
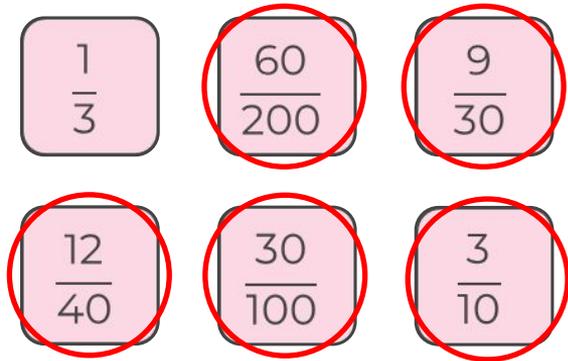
3. Here are some fraction cards.

$$\frac{1}{3} \qquad \frac{60}{200} \qquad \frac{9}{30}$$

$$\frac{12}{40} \qquad \frac{30}{100} \qquad \frac{3}{10}$$

Write down the cards that are equivalent to $\frac{6}{20}$

4. All of the fractions below are equivalent.

$$\frac{6}{A} \qquad \frac{10}{15} \qquad \frac{12}{B} \qquad \frac{C}{30}$$
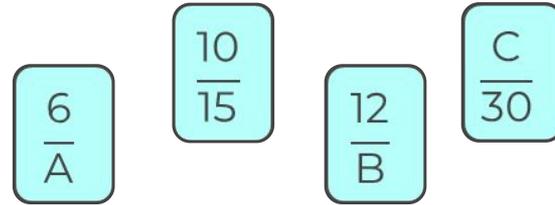
A=9, B=18, C=20

a) Find the values of A, B and C.
b) Write a different fraction that is also equivalent to the ones shown.

examples: $\frac{2}{3}$, $\frac{4}{6}$, $\frac{8}{12}$