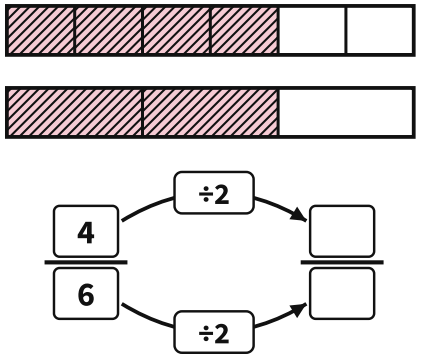
Equivalent fractions and simplifying

1

The two bars are the same length.

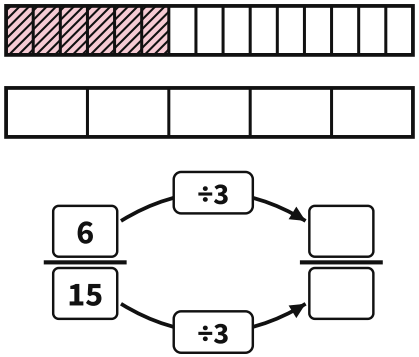
Write $\frac{4}{6}$ in its simplest form.



Answer _____

2

Write $\frac{6}{15}$ in its simplest form.

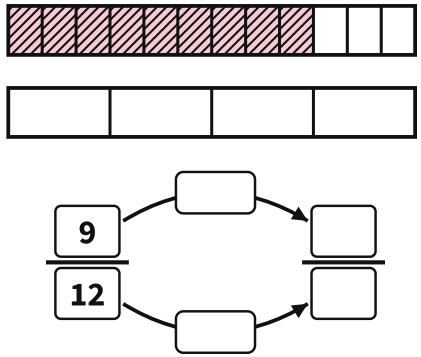


Answer _____

3

Shade the same amount on the bottom bar.

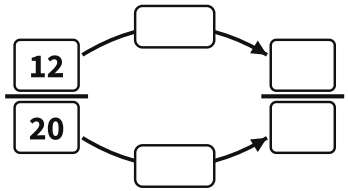
Write $\frac{9}{12}$ in its simplest form.



Answer _____

4

Write $\frac{12}{20}$ in its simplest form.

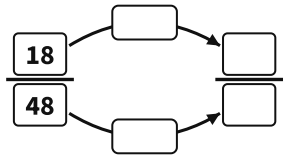


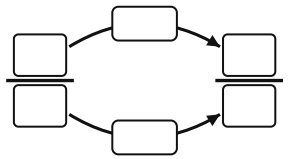
Answer _____

5

Write $\frac{18}{48}$ in its simplest form.

Keep going until the only common factor is 1.

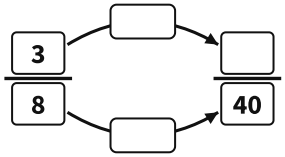




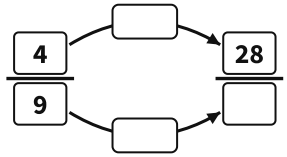
6

Find the missing numbers. Do the same to the top and the bottom.

a)



b)



7

Tia writes $\frac{20}{36} = \frac{10}{18}$ and says it is in its simplest form. Explain why Tia is wrong.

Then write $\frac{20}{36}$ in its simplest form.

Answer _____

8

A café sells 60 drinks in a morning. 45 of the drinks are hot and the rest are cold. What fraction of the drinks are cold? Give your answer in its simplest form.

Answer _____

Equivalent fractions and simplifying *further practice*

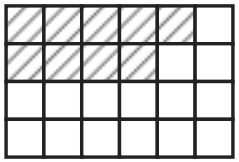
9

Write $\frac{42}{56}$ in its simplest form.

Answer _____

10

What fraction of the rectangle is shaded? Give your answer in its simplest form.



Answer _____

11

Which of these fractions is **not** equivalent to $\frac{3}{5}$?

$\frac{6}{10}$ $\frac{9}{15}$ $\frac{12}{25}$ $\frac{15}{25}$

Answer _____

12

Find the missing numbers.

$$\frac{2}{3} = \frac{8}{a} = \frac{b}{30}$$

a = _____

b = _____

13

A jug holds 2 litres of juice. 750 ml of the juice is poured out. What fraction of the juice is poured out?
Give your answer in its simplest form.

Answer _____

14

In a survey, 84 of the 120 people asked chose tea as their favourite drink.
What fraction of the people asked chose tea? Give your answer in its simplest form.

Answer _____

15

Jen scores 18 out of 24 in a test.
Ade scores 21 out of 28 in a different test. Who did better?
Show how you know.

Answer _____

16

Leo says $\frac{5}{8} = \frac{4}{7}$ because he took 1 away from the top and the bottom.
Is Leo right? Explain.

Answer _____