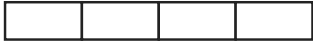


Simplifying Fractions

1

Simplify $\frac{6}{8}$

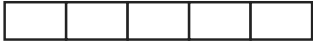



$$\frac{6}{8} \xrightarrow{\div 2} \frac{\quad}{\quad}$$
$$\xrightarrow{\div 2} \frac{\quad}{\quad}$$

Simplest form _____

2

Simplify $\frac{4}{10}$

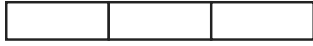



$$\frac{4}{10} \xrightarrow{\div 2} \frac{\quad}{\quad}$$
$$\xrightarrow{\div 2} \frac{\quad}{\quad}$$

Simplest form _____

3

Simplify $\frac{6}{9}$

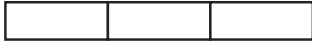



$$\frac{6}{9} \xrightarrow{\div 3} \frac{\quad}{\quad}$$
$$\xrightarrow{\div 3} \frac{\quad}{\quad}$$

Simplest form _____

4

Simplify $\frac{8}{12}$

$$\frac{8}{12} \xrightarrow{\div 4} \frac{\quad}{\quad}$$
$$\xrightarrow{\div 4} \frac{\quad}{\quad}$$

Simplest form _____

5

Simplify $\frac{15}{20}$

$$\frac{15}{20} \xrightarrow{\div \quad} \frac{\quad}{\quad}$$
$$\xrightarrow{\div \quad} \frac{\quad}{\quad}$$

Simplest form _____

6

Simplify $\frac{14}{21}$

$$\frac{14}{21} \xrightarrow{\div \quad} \frac{\quad}{\quad}$$
$$\xrightarrow{\div \quad} \frac{\quad}{\quad}$$

Simplest form _____

7

18 of the 30 students in a class walk to school. What fraction is this, in its simplest form?

Answer _____

8

Which of these is not equal to $\frac{2}{3}$?

$\frac{8}{12}$ $\frac{10}{15}$ $\frac{12}{20}$

Answer _____

Simplifying Fractions *further practice*

9

Simplify $\frac{36}{48}$



Simplest form _____

10

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



Answer _____

11

Find the missing number.

$$\frac{30}{\quad} = \frac{5}{6}$$

12

Which two of these fractions are equal?

$\frac{12}{18}$ $\frac{15}{25}$ $\frac{21}{28}$ $\frac{20}{30}$

Answer _____

13

A class has 12 boys and 16 girls. What fraction of the pupils in the class are girls? Give your answer in its simplest form.

Answer _____

14

A film lasts 2 hours. Jo has watched 80 minutes of the film. What fraction of the film has Jo watched? Give your answer in its simplest form.

Answer _____

15

A cinema has 144 seats. 90 of the seats in the cinema are booked. What fraction of the seats are booked? Give your answer in its simplest form.

Answer _____

16

Ben says $\frac{21}{35}$ cannot be simplified because 21 and 35 are both odd numbers. Is Ben right? Explain.

Answer _____