One quantity as a fraction of another

1

Write 12 as a fraction of 20.
Give your answer in its simplest form.

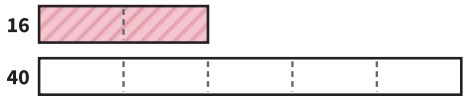


Fraction $\frac{12}{20} \div 4 = \frac{\square}{\square}$

Answer _____

2

Write 16 as a fraction of 40.
Give your answer in its simplest form.



Fraction $\frac{16}{40} \div \square = \frac{\square}{\square}$

Answer _____

3

A class has 28 students. 21 of them walk to school. What fraction of the class walk to school?



Fraction $\frac{\square}{\square} \div \square = \frac{\square}{\square}$

Answer _____

4

Write 18 minutes as a fraction of 1 hour. Give your answer in its simplest form.



Same units _____

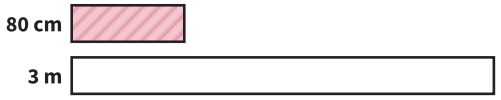
Fraction _____

Simplest form _____

Answer _____

5

Write 80 cm as a fraction of 3 m.
Give your answer in its simplest form.



Same units _____

Fraction _____

Simplest form _____

Answer _____

6

Kofi's walk to school takes 40 minutes. Bea's takes 25 minutes. Write Kofi's time as a fraction of Bea's time.



Fraction _____

Simplest form _____

Answer _____

7

Write 45 as a fraction of 27.
Dan writes 27/45 = 3/5.
Explain his mistake, then work out the right answer.

_____

_____

_____

Answer _____

8

Tia earns £48. She spends £18 and saves the rest. What fraction of her earnings does she save?
Give your answer in its simplest form.

_____

_____

Answer _____

One quantity as a fraction of another *further practice*

9

Write 36 as a fraction of 84.
Give your answer in its simplest form.

Answer _____

10

Write 400 m as a fraction of 2.5 km.
Give your answer in its simplest form.

Answer _____

11

Write 2 hours 15 minutes as a fraction of 3 hours. Give your answer in its simplest form.

Answer _____

12

A book has 240 pages. Asha has read 96 pages. What fraction of the book does she still have to read?

Answer _____

13

Write 1.5 kg as a fraction of 900 g.
Give your answer in its simplest form.

Answer _____

14

In a quiz, Ben scores 21 out of 28 and Cara scores 24 out of 30. Who scores the bigger fraction of the marks?
Show how you know.

Answer _____

15

A fruit bowl has 6 apples, 9 pears and 5 bananas. What fraction of the fruit are pears?

Answer _____

16

Ruth says that 4 as a fraction of 10 is the same as 10 as a fraction of 4.
Is she right? Explain.

Answer _____