



Generate equivalent ratios

1

Find the equivalent fraction

$$\frac{1}{6} = \frac{?}{?}$$

Diagram showing the relationship between the fractions $\frac{1}{6}$ and $\frac{?}{?}$. Arrows indicate that the numerator is multiplied by 4 (x4) to get the new numerator, and the denominator is also multiplied by 4 (x4) to get the new denominator.

A

$$\frac{4}{24}$$

B

$$\frac{1}{3}$$

2

Complete the equivalent fraction by finding the missing numerator

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

Diagram showing the relationship between the fractions $\frac{1}{2}$ and $\frac{?}{8}$. Arrows indicate that the numerator is multiplied by 4 (x4) to get the new numerator, and the denominator is also multiplied by 4 (x4) to get the new denominator.

A 0

B 3

C 1

D 6

E 8

F 4

3

9:6

A

7:5

B

7:6

C

12:4

D

3:2

4

What is the (simplest) ratio of boys to girls?

boys : 6
girls : 9

A

2:3

B

3:5

C

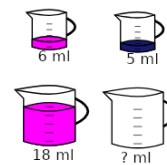
1:4

D

5:8

5

This paint color needs 5 ml of blue for every 6 ml of magenta. How much blue is needed if you have 18 ml of magenta



A 21 ml

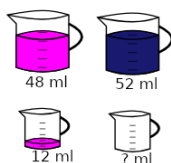
B 9 ml

C 16 ml

D 15 ml

6

This paint color needs 52 ml of blue for every 48 ml of magenta. How much blue is needed if you have 12 ml of magenta



A 13 ml

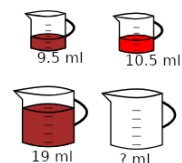
B 16 ml

C 17 ml

D 5 ml

7

This sundae needs 10.5 ml of strawberry for every 9.5 ml of chocolate. How much strawberry is needed if you have 19 ml of chocolate



A 19.75 ml

B 19 ml

C 19.25 ml

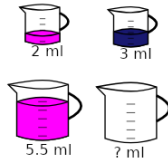
D 21 ml



Generate equivalent ratios

8

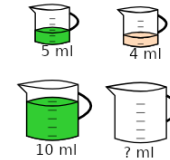
This paint color needs 3 ml of blue for every 2 ml of magenta. How much blue is needed if you have 5.5 ml of magenta



- A 9.5 ml B 7.5 ml C 8.25 ml D 9.75 ml

9

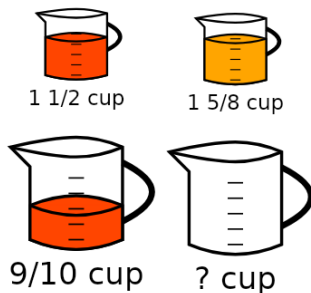
This smoothie needs 4 ml of peach for every 5 ml of lime. How much peach is needed if you have 10 ml of lime



- A 15 ml B 8 ml C 9 ml D 7 ml

10

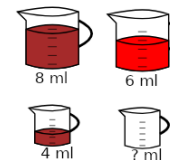
This sauce needs $1\frac{5}{8}$ cup of mustard for every $1\frac{1}{2}$ cup of ketchup. How many cups of mustard is needed if you have $\frac{9}{10}$ cup of ketchup



- A $2\frac{31}{160}$ cup B $\frac{39}{40}$ cup
C $\frac{119}{240}$ cup D $1\frac{36}{83}$ cup

11

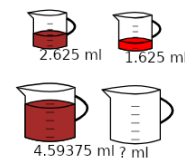
This sundae needs 6 ml of strawberry for every 8 ml of chocolate. How much strawberry is needed if you have 4 ml of chocolate



- A 2 ml B 1 ml C 3 ml D 7 ml

12

This sundae needs 1.625 ml of strawberry for every 2.625 ml of chocolate. How much strawberry is needed if you have 4.59375 ml of chocolate



- A 2.84 ml B 3.34 ml C 2.59 ml D 2.09 ml