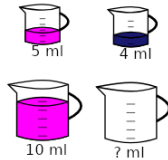




Solve proportions using equivalent ratios

1

This paint color needs 4 ml of blue for every 5 ml of magenta. How much blue is needed if you have 10 ml of magenta



- A 8 ml B 1 ml C 5 ml D 4 ml

2

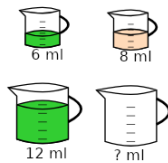
This smoothie needs 48 ml of peach for every 36 ml of lime. How much peach is needed if you have 12 ml of lime



- A 16 ml B 17 ml C 20 ml D 18 ml

3

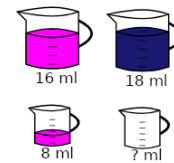
This smoothie needs 8 ml of peach for every 6 ml of lime. How much peach is needed if you have 12 ml of lime



- A 14 ml B 16 ml C 23 ml D 17 ml

4

This paint color needs 18 ml of blue for every 16 ml of magenta. How much blue is needed if you have 8 ml of magenta



- A 14 ml B 9 ml C 10 ml D 1 ml

5

This smoothie needs 5 ml of peach for every 6 ml of lime. How much peach is needed if you have 18 ml of lime



- A 13.25 ml B 16.25 ml C 13.75 ml D 15 ml

6

This sauce needs 1 ml of mustard for every 5 ml of ketchup. How much mustard is needed if you have 2.5 ml of ketchup



- A 0.75 ml B 1.75 ml C 2 ml D 0.5 ml

7

Solve for the length of line x

$$x = ?$$

$$r = 18$$

$$\frac{x}{r} = 0.5$$

- A $x = 13$ B $x = 12$ C $x = 22$
D $x = 21$ E $x = 10$ F $x = 9$

8

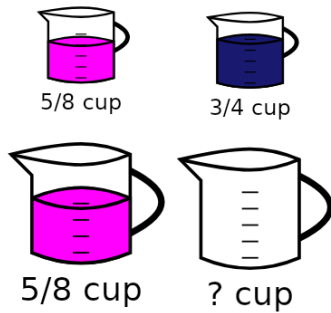
This smoothie needs 7 ml of peach for every 8 ml of lime. How much peach is needed if you have 18 ml of lime



- A 16.5 ml B 14.75 ml C 15.75 ml D 16.25 ml

**Solve proportions using equivalent ratios****9**

This paint color needs $\frac{3}{4}$ cup of blue for every $\frac{5}{8}$ cup of magenta. How many cups of blue is needed if you have $\frac{5}{8}$ cup of magenta



A $\frac{3}{4}$ cup

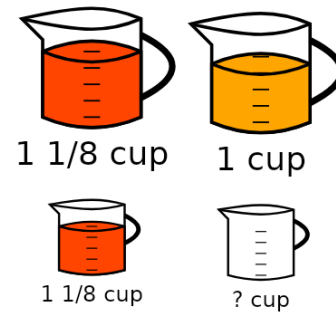
B $\frac{75}{256}$ cup

C $\frac{23}{32}$ cup

D $4\frac{3}{5}$ cup

10

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



A $1\frac{17}{64}$ cup

B 1 cup

C $\frac{17}{72}$ cup

D $1\frac{8}{9}$ cup

11

Solve for the length of line z

$t = 16.3$

$z = ?$

$\frac{z}{t} = 0.926$

A $z = 6.7$

B $z = 23.5$

C $z = 21.8$

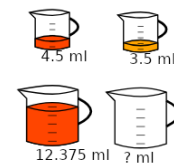
D $z = 15.1$

E $z = 13.4$

F $z = 19.9$

12

This sauce needs 3.5 ml of mustard for every 4.5 ml of ketchup. How much mustard is needed if you have 12.375 ml of ketchup



A 7.88 ml

B 9.63 ml

C 8.38 ml

D 9.12 ml