



Use ratio tables

1

How many girls are there?

boys : 2

girls : ?

(boys : girls) = (2 : 5)

A 1

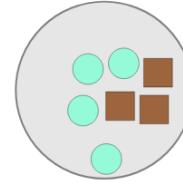
B 5

C 13

D 7

2

What is the (simplest) ratio of circles to squares?



A 5:11

B 4:3

C 6:1

D 3:6

3

35:30

A

3:12

B

7:6

C

1:7

D

4:10

4

What is the (simplest) ratio of cats to dogs?

cats : 8

dogs : 20

A

6:3

B

7:9

C

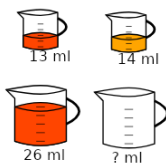
2:5

D

7:7

5

This sauce needs 14 ml of mustard for every 13 ml of ketchup. How much mustard is needed if you have 26 ml of ketchup



A 34 ml

B 28 ml

C 20 ml

D 24 ml

6

This smoothie needs 33 ml of peach for every 24 ml of lime. How much peach is needed if you have 8 ml of lime



A 8 ml

B 11 ml

C 12 ml

D 16 ml

7

This smoothie needs 24 ml of peach for every 27 ml of lime. How much peach is needed if you have 9 ml of lime



A 8 ml

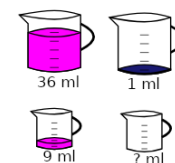
B 15 ml

C 2 ml

D 13 ml

8

This paint color needs 1 ml of blue for every 36 ml of magenta. How much blue is needed if you have 9 ml of magenta



A 0.25 ml

B 2 ml

C 1.75 ml

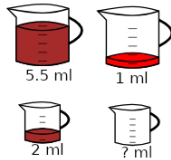
D 0.5 ml



Use ratio tables

9

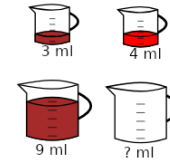
This sundae needs 1 ml of strawberry for every 5.5 ml of chocolate. How much strawberry is needed if you have 2 ml of chocolate



- A 1.36 ml B 0.36 ml C 1.86 ml D 1.39 ml

10

This sundae needs 4 ml of strawberry for every 3 ml of chocolate. How much strawberry is needed if you have 9 ml of chocolate



- A 12 ml B 11 ml C 11.25 ml D 13.75 ml

11

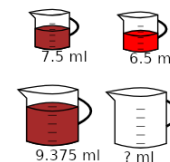
This smoothie needs 3 ml of peach for every 4 ml of lime. How much peach is needed if you have 8 ml of lime



- A 6 ml B 2 ml C 7 ml D 1 ml

12

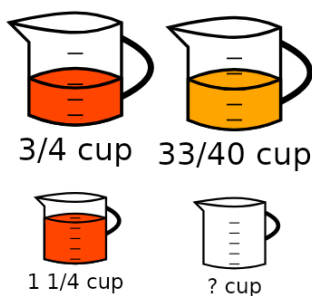
This sundae needs 6.5 ml of strawberry for every 7.5 ml of chocolate. How much strawberry is needed if you have 9.375 ml of chocolate



- A 9.38 ml B 8.13 ml C 7.88 ml D 9.12 ml

13

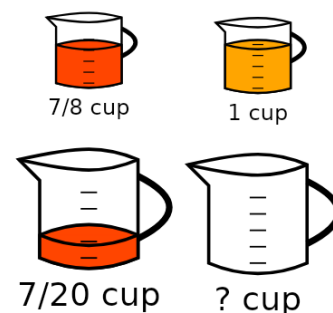
This sauce needs $\frac{33}{40}$ cup of mustard for every $\frac{3}{4}$ cup of ketchup. How many cups of mustard is needed if you have $1\frac{1}{4}$ cup of ketchup



- | | |
|------------------------|-----------------------|
| A $12\frac{1}{3}$ cup | B $1\frac{3}{8}$ cup |
| C $\frac{99}{128}$ cup | D $\frac{37}{96}$ cup |

14

This sauce needs 1 cup of mustard for every $\frac{7}{8}$ cup of ketchup. How many cups of mustard is needed if you have $\frac{7}{20}$ cup of ketchup



- | | |
|---------------------|----------------------|
| A $\frac{2}{5}$ cup | B $\frac{3}{28}$ cup |
| C $\frac{5}{9}$ cup | D $2\frac{1}{7}$ cup |