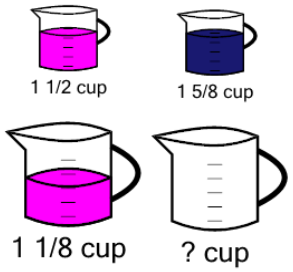
Name

Ratios - Equivalent, Expanding Recipes with Non-Integer Multiples - Fractions

1 This paint color needs 1 5/8 cup of blue for every 1 1/2 cup of magenta. How many cups of blue is needed if you have 1 1/8 cup of magenta



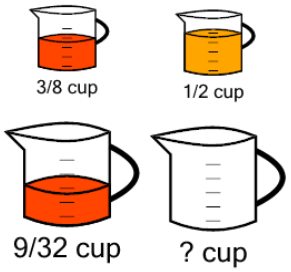
A $1\frac{7}{32}$ cup

B $1\frac{52}{67}$ cup

C $2\frac{95}{128}$ cup

D $39\frac{2}{3}$ cup

2 This sauce needs 1/2 cup of mustard for every 3/8 cup of ketchup. How many cups of mustard is needed if you have 9/32 cup of ketchup



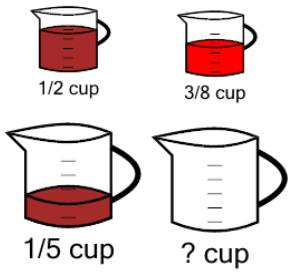
A $\frac{3}{8}$ cup

B $\frac{17}{64}$ cup

C $\frac{17}{192}$ cup

D $\frac{17}{67}$ cup

3 This sundae needs 3/8 cup of strawberry for every 1/2 cup of chocolate. How many cups of strawberry is needed if you have 1/5 cup of chocolate



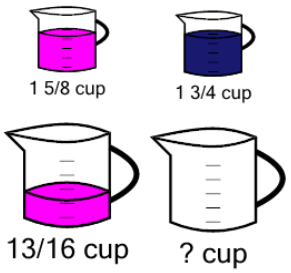
A $\frac{3}{20}$ cup

B 5cup

C $\frac{3}{80}$ cup

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

4 This paint color needs 1 3/4 cup of blue for every 1 5/8 cup of magenta. How many cups of blue is needed if you have 13/16 cup of magenta



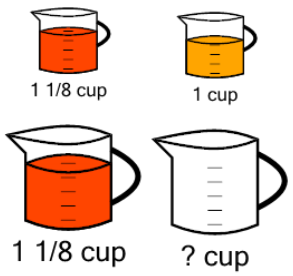
A $\frac{7}{8}$ cup

B $2\frac{159}{512}$ cup

C $1\frac{2}{7}$ cup

D $1\frac{35}{64}$ cup

5 This sauce needs 1 cup of mustard for every 1 1/8 cup of ketchup. How many cups of mustard is needed if you have 1 1/8 cup of ketchup



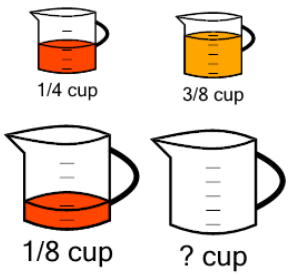
A 1cup

B $2\frac{1}{8}$ cup

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

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

6 This sauce needs 3/8 cup of mustard for every 1/4 cup of ketchup. How many cups of mustard is needed if you have 1/8 cup of ketchup

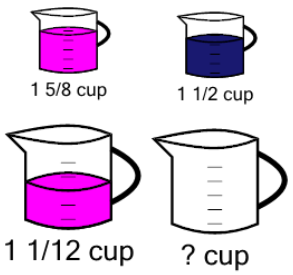


A $\frac{3}{16}$ cup

B $\frac{7}{64}$ cup

C $\frac{3}{256}$ cup

7 This paint color needs 1 1/2 cup of blue for every 1 5/8 cup of magenta. How many cups of blue is needed if you have 1 1/12 cup of magenta



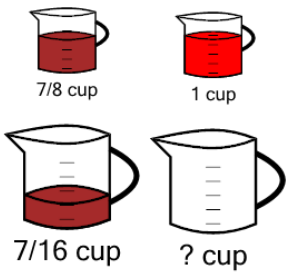
A 1cup

B $1\frac{8}{13}$ cup

C $\frac{21}{104}$ cup

D $2\frac{5}{8}$ cup

8 This sundae needs 1 cup of strawberry for every 7/8 cup of chocolate. How many cups of strawberry is needed if you have 7/16 cup of chocolate



A $\frac{1}{2}$ cup

B $\frac{49}{128}$ cup

C $\frac{15}{23}$ cup

D $2\frac{1}{7}$ cup