Name

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

1 This paint color needs 3/5 cup of blue for every 1/2 cup of magenta. How many cups of blue is needed if you have 5/8 cup of magenta

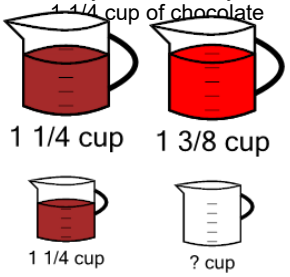
A $\frac{3}{4}$ cup

B $\frac{5}{8}$ cup

C 5cup

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

2 This sundae needs 1 3/8 cup of strawberry for every 1 1/4 cup of chocolate. How many cups of strawberry is needed if you have 1 1/4 cup of chocolate



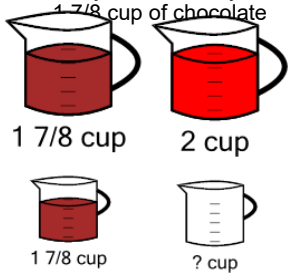
A $1\frac{3}{8}$ cup

B $11\frac{4}{5}$ cup

C $2\frac{19}{128}$ cup

D $1\frac{27}{32}$ cup

3 This sundae needs 2 cup of strawberry for every 1 7/8 cup of chocolate. How many cups of strawberry is needed if you have 1 7/8 cup of chocolate



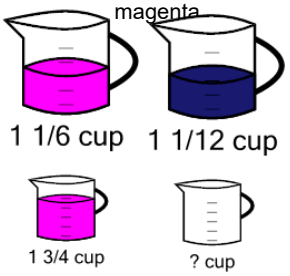
A 2cup

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

C $\frac{23}{60}$ cup

D $1\frac{4}{19}$ cup

4 This paint color needs 1 1/12 cup of blue for every 1 1/6 cup of magenta. How many cups of blue is needed if you have 1 3/4 cup of magenta



A $1\frac{5}{8}$ cup

B $13\frac{6}{7}$ cup

C $2\frac{1}{48}$ cup

D $2\frac{61}{288}$ cup

5 This paint color needs 5/6 cup of blue for every 3/4 cup of magenta. How many cups of blue is needed if you have 1 1/8 cup of magenta

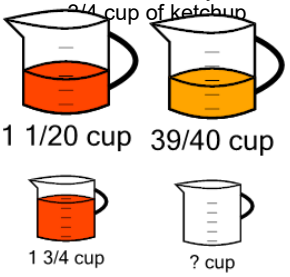
A $1\frac{1}{4}$ cup

B $6\frac{1}{3}$ cup

C $\frac{45}{64}$ cup

D 1cup

6 This sauce needs 39/40 cup of mustard for every 1 1/20 cup of ketchup. How many cups of mustard is needed if you have 1 3/4 cup of ketchup



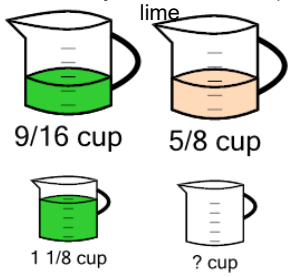
A $1\frac{5}{8}$ cup

B $1\frac{133}{160}$ cup

C $1\frac{2,533}{3,200}$ cup

D $13\frac{20}{21}$ cup

7 This smoothie needs 5/8 cup of peach for every 9/16 cup of lime. How many cups of peach is needed if you have 1 1/8 cup of lime



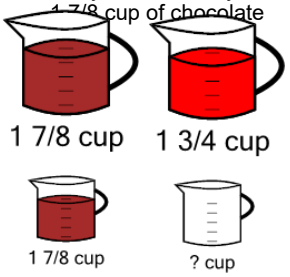
A $1\frac{1}{4}$ cup

B $\frac{61}{64}$ cup

C $6\frac{7}{9}$ cup

D $\frac{61}{73}$ cup

8 This sundae needs 1 3/4 cup of strawberry for every 1 7/8 cup of chocolate. How many cups of strawberry is needed if you have 1 7/8 cup of chocolate



A $1\frac{3}{4}$ cup

B $\frac{113}{480}$ cup

C $6\frac{39}{256}$ cup

D $3\frac{17}{32}$ cup