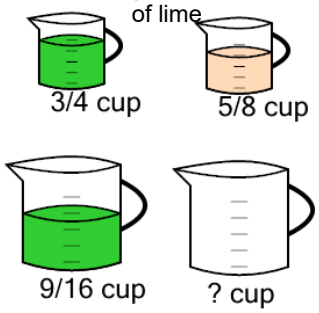
mobius

Math worksheet on *'Ratios - Equivalent, Expanding Recipes with Non-Integer Multiples - Fractions (Level 2)'*. Part of a broader unit on *'Rates and Ratios - Advanced'*

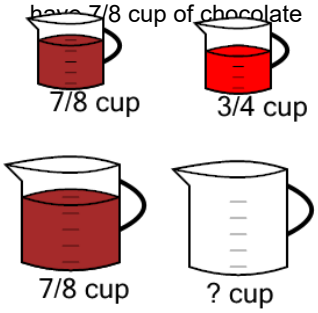
Learn online: app.mobius.academy/math/units/rates_and_ratios_advanced/

1 This smoothie needs 5/8 cup of peach for every 3/4 cup of lime. How many cups of peach is needed if you have 9/16 cup of lime



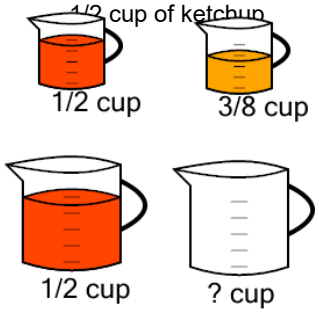
a $\frac{15}{32}\,cup$ **b** $\frac{49}{128}\,cup$ **c** $\frac{49}{384}\,cup$ **d** $\frac{49}{131}\,cup$

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



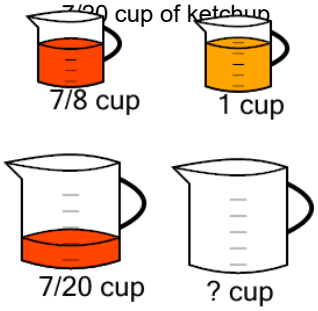
a $\frac{3}{4}\,cup$ **b** $\frac{29}{224}\,cup$ **c** $4\frac{1}{7}\,cup$ **d** $\frac{29}{39}\,cup$

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



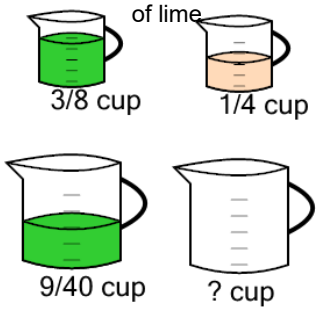
a $\frac{3}{8}\,cup$ **b** $5\,cup$ **c** $\frac{5}{16}\,cup$ **d** $\frac{3}{32}\,cup$

4 This sauce needs 1 cup of mustard for every 7/8 cup of ketchup. How many cups of mustard is needed if you have 7/20 cup of ketchup



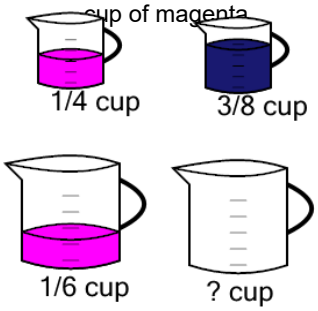
a $\frac{2}{5}\,cup$ **b** $\frac{49}{160}\,cup$ **c** $\frac{3}{4}\,cup$ **d** $\frac{5}{9}\,cup$

5 This smoothie needs 1/4 cup of peach for every 3/8 cup of lime. How many cups of peach is needed if you have 9/40 cup of lime



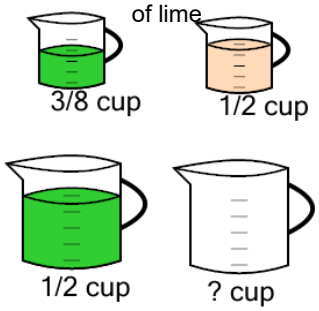
a $\frac{3}{20}\,cup$ **b** $5\frac{2}{3}\,cup$ **c** $\frac{17}{160}\,cup$ **d** $\frac{27}{1,280}\,cup$

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



a $\frac{1}{4}\,cup$ **b** $5\,cup$ **c** $\frac{1}{64}\,cup$ **d** $\frac{5}{16}\,cup$

7 This smoothie needs 1/2 cup of peach for every 3/8 cup of lime. How many cups of peach is needed if you have 1/2 cup of lime



a $\frac{2}{3}\,cup$ **b** $3\,cup$ **c** $2\frac{1}{4}\,cup$ **d** $\frac{3}{4}\,cup$