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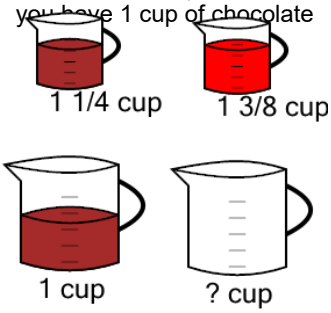
Math worksheet on *'Ratios - Equivalent, Expanding Recipes with Non-Integer Multiples - Fractions (Level 3)'*. Part of a broader unit on *'Rates and Ratios - Advanced'*

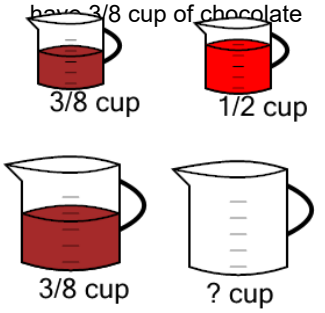
Learn online: app.mobius.academy/math/units/rates_and_ratios_advanced/

1 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 cup of chocolate



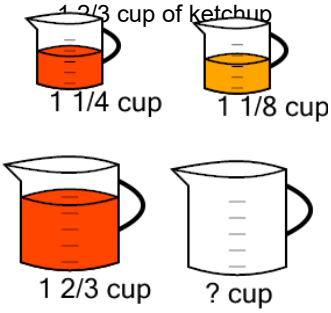
a $1\frac{1}{10}cup$ **b** $\frac{3}{8}cup$ **c** $3cup$ **d** $1\frac{7}{8}cup$

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



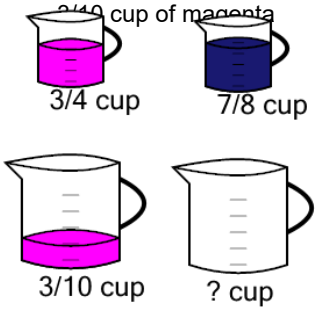
a $\frac{1}{2}cup$ **b** $\frac{9}{128}cup$ **c** $\frac{11}{19}cup$ **d** $\frac{11}{48}cup$

3 This sauce needs 1 1/8 cup of mustard for every 1 1/4 cup of ketchup. How many cups of mustard is needed if you have 1 2/3 cup of ketchup



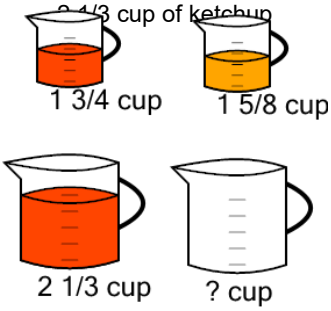
a $1\frac{1}{2}cup$ **b** $3\frac{4}{5}cup$ **c** $1\frac{6}{13}cup$ **d** $2\frac{3}{8}cup$

4 This paint color needs 7/8 cup of blue for every 3/4 cup of magenta. How many cups of blue is needed if you have 3/10 cup of magenta



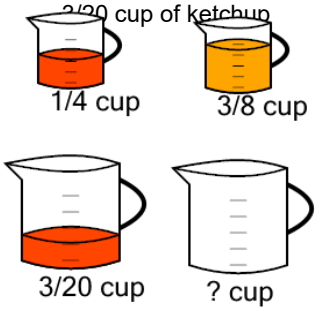
a $\frac{7}{20}cup$ **b** $\frac{25}{83}cup$ **c** $\frac{5}{16}cup$ **d** $\frac{5}{48}cup$

5 This sauce needs 1 5/8 cup of mustard for every 1 3/4 cup of ketchup. How many cups of mustard is needed if you have 2 1/3 cup of ketchup



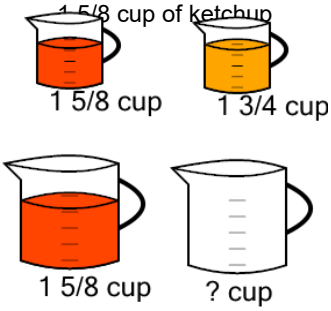
a $2\frac{1}{6}cup$ **b** $3\frac{23}{24}cup$ **c** $6\frac{61}{96}cup$ **d** $\frac{95}{168}cup$

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 3/20 cup of ketchup



a $\frac{9}{40}cup$ **b** $\frac{9}{640}cup$ **c** $13cup$ **d** $\frac{13}{161}cup$

7 This sauce needs 1 3/4 cup of mustard for every 1 5/8 cup of ketchup. How many cups of mustard is needed if you have 1 5/8 cup of ketchup



a $1\frac{3}{4}cup$ **b** $7\frac{8}{13}cup$ **c** $\frac{99}{416}cup$ **d** $3\frac{3}{32}cup$