





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


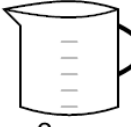
Learn online: [app.mobius.academy/math/units/rates\\_and\\_ratios\\_practice/](http://app.mobius.academy/math/units/rates_and_ratios_practice/)

**1** This sundae needs  $1\frac{3}{8}$  cup of strawberry for every  $1\frac{1}{2}$  cup of chocolate. How many cups of strawberry is needed if you have 3 cup of chocolate

**a**  $2\frac{3}{4}$  cup   **b**  $1\frac{11}{24}$  cup   **c**  $3\frac{2}{11}$  cup



  $1\frac{1}{2}$  cup     $1\frac{3}{8}$  cup

**d**  $6\frac{3}{16}$  cup



 3 cup    ? cup

**2** This sauce needs  $1\frac{1}{4}$  cup of mustard for every  $1\frac{1}{8}$  cup of ketchup. How many cups of mustard is needed if you have  $4\frac{1}{2}$  cup of ketchup

**a** 5 cup   **b**  $\frac{53}{72}$  cup   **c**  $5\frac{8}{9}$  cup



  $1\frac{1}{8}$  cup     $1\frac{1}{4}$  cup

**d**  $6\frac{5}{8}$  cup



  $4\frac{1}{2}$  cup    ? cup

**3** This sundae needs  $\frac{5}{8}$  cup of strawberry for every  $\frac{1}{2}$  cup of chocolate. How many cups of strawberry is needed if you have  $1\frac{1}{2}$  cup of chocolate

**a**  $1\frac{7}{8}$  cup   **b** 17 cup   **c** 1 cup



  $\frac{1}{2}$  cup     $\frac{5}{8}$  cup

**d**  $\frac{15}{32}$  cup

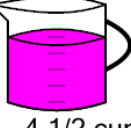
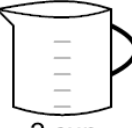
  $1\frac{1}{2}$  cup    ? cup

**4** This paint color needs  $\frac{1}{3}$  cup of blue for every  $1\frac{1}{2}$  cup of magenta. How many cups of blue is needed if you have  $4\frac{1}{2}$  cup of magenta

**a**  $4\frac{1}{8}$  cup   **b**  $6\frac{5}{16}$  cup   **c**  $5\frac{6}{19}$  cup



  $1\frac{1}{2}$  cup     $1\frac{3}{8}$  cup

**d**  $33\frac{2}{3}$  cup

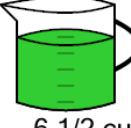

  $4\frac{1}{2}$  cup    ? cup

**5** This smoothie needs  $\frac{1}{3}$  cup of peach for every  $\frac{1}{5}$  cup of lime. How many cups of peach is needed if you have  $6\frac{1}{2}$  cup of lime

**a** 7 cup   **b**  $7\frac{8}{13}$  cup   **c**  $\frac{99}{104}$  cup



  $1\frac{5}{8}$  cup     $1\frac{3}{4}$  cup

**d**  $4\frac{5}{7}$  cup


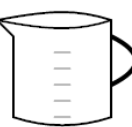
  $6\frac{1}{2}$  cup    ? cup

**6** This smoothie needs  $\frac{1}{2}$  cup of peach for every  $\frac{3}{8}$  cup of lime. How many cups of peach is needed if you have  $1\frac{1}{8}$  cup of lime

**a**  $1\frac{1}{2}$  cup   **b**  $\frac{17}{19}$  cup   **c**  $\frac{17}{48}$  cup



  $\frac{3}{8}$  cup     $\frac{1}{2}$  cup

**d**  $5\frac{2}{3}$  cup



  $1\frac{1}{8}$  cup    ? cup

**7** This sundae needs  $1\frac{3}{4}$  cup of strawberry for every  $1\frac{5}{8}$  cup of chocolate. How many cups of strawberry is needed if you have  $3\frac{1}{4}$  cup of chocolate

**a**  $3\frac{1}{2}$  cup   **b**  $3\frac{12}{29}$  cup   **c**  $7\frac{8}{13}$  cup

  $1\frac{5}{8}$  cup     $1\frac{3}{4}$  cup

**d**  $\frac{99}{208}$  cup

  $3\frac{1}{4}$  cup    ? cup