



Math worksheet on 'Ratios - Equivalent, Expanding Recipes with Non-Integer Multiples - Fractions (Level 1)'. Part of a broader unit on 'Rates and Ratios - Advanced'

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1 This sundae needs $\frac{3}{4}$ cup of strawberry for every $\frac{1}{2}$ cup of chocolate. How many cups of strawberry is needed if you have $\frac{2}{5}$ cup of chocolate

a	b	c
$\frac{3}{5}$ cup	$\frac{3}{20}$ cup	5 cup
d		
$\frac{1}{2}$ cup		

2 This sundae needs 0 cup of strawberry for every $\frac{1}{4}$ cup of chocolate. How many cups of strawberry is needed if you have $\frac{1}{3}$ cup of chocolate

a	b	c
0 cup	2 cup	4 cup
d		

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

a	b	c
$\frac{1}{3}$ cup	$\frac{1}{12}$ cup	$\frac{1}{2}$ cup
d		
$\frac{3}{7}$ cup		

4 This smoothie needs $\frac{1}{2}$ cup of peach for every $\frac{3}{4}$ cup of lime. How many cups of peach is needed if you have $\frac{1}{2}$ cup of lime

a	b	c
$\frac{1}{3}$ cup	$\frac{5}{7}$ cup	$1\frac{2}{3}$ cup
d		
$1\frac{1}{4}$ cup		

5 This smoothie needs 1 cup of peach for every $\frac{3}{4}$ cup of lime. How many cups of peach is needed if you have $\frac{3}{8}$ cup of lime

a	b	c
$\frac{1}{2}$ cup	$\frac{7}{8}$ cup	$\frac{7}{11}$ cup
d		
$2\frac{1}{3}$ cup		

6 This sundae needs 1 cup of strawberry for every $\frac{3}{4}$ cup of chocolate. How many cups of strawberry is needed if you have $\frac{3}{10}$ cup of chocolate

a	b	c
$\frac{2}{5}$ cup	$2\frac{1}{3}$ cup	$\frac{7}{30}$ cup
d		
$\frac{7}{10}$ cup		

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

a	b	c
$\frac{3}{4}$ cup	$\frac{5}{8}$ cup	5 cup
d		
$\frac{3}{16}$ cup		