



Math worksheet on 'Ratios - Equivalent, Shrinking 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/

1 This paint color needs 2 cup of blue for every 2 1/4 cup of magenta. How many cups of blue is needed if you have 1 cup of magenta.

a	b	c
1 cup	$3\frac{1}{4}$ cup	$1\frac{4}{9}$ cup
d		
$\frac{13}{36}$ cup		

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

a	b	c
$\frac{3}{8}$ cup	$\frac{27}{128}$ cup	$\frac{13}{32}$ cup
d		
$\frac{13}{96}$ cup		

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

a	b	c
$1\frac{3}{8}$ cup	$5\frac{9}{32}$ cup	$11\frac{4}{15}$ cup
d		
$19\frac{43}{128}$ cup		

4 This sundae needs 1 1/2 cup of strawberry for every 1 3/4 cup of chocolate. How many cups of strawberry is needed if you have 7/8 cup of chocolate.

a	b	c
$\frac{3}{4}$ cup	$\frac{25}{112}$ cup	$3\frac{4}{7}$ cup
d		
$1\frac{9}{16}$ cup		

5 This sauce needs 2 1/4 cup of mustard for every 2 5/8 cup of ketchup. How many cups of mustard is needed if you have 7/8 cup of ketchup.

a	b	c
$\frac{3}{4}$ cup	$1\frac{18}{53}$ cup	$5\frac{43}{256}$ cup
d		
$\frac{71}{672}$ cup		

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

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

7 This smoothie needs 0 cup of peach for every 3/8 cup of lime. How many cups of peach is needed if you have 1/8 cup of lime.

a	b	c
0 cup	2 cup	8 cup
d		
$2\frac{2}{3}$ cup		