



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/

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

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

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

7 cup

? cup

a	b	c
$6\frac{1}{2}$ cup	$6\frac{1}{3}$ cup	$1\frac{39}{56}$ cup
d		
$19\frac{29}{32}$ cup		

2 This sundae needs $1\frac{1}{2}$ cup of strawberry for every $1\frac{5}{8}$ cup of chocolate. How many cups of strawberry is needed if you have $4\frac{7}{8}$ cup of chocolate

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

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

$4\frac{7}{8}$ cup

? cup

a	b	c
$4\frac{1}{2}$ cup	$4\frac{9}{29}$ cup	$\frac{125}{208}$ cup
d		
$9\frac{8}{13}$ cup		

3 This paint color needs $1\frac{1}{4}$ cup of blue for every $1\frac{1}{8}$ cup of magenta. How many cups of blue is needed if you have $3\frac{2}{9}$ cup of magenta

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

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

$3\frac{2}{9}$ cup

? cup

a	b	c
$3\frac{3}{4}$ cup	$15\frac{8}{9}$ cup	$\frac{143}{288}$ cup
d		
$3\frac{20}{41}$ cup		

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

$\frac{3}{8}$ cup

$\frac{1}{4}$ cup

$\frac{3}{4}$ cup

? cup

a	b	c
$\frac{1}{2}$ cup	$\frac{11}{48}$ cup	$\frac{11}{16}$ cup
d		
$\frac{9}{128}$ cup		

5 This paint color needs $1\frac{1}{4}$ cup of blue for every $1\frac{3}{8}$ cup of magenta. How many cups of blue is needed if you have $4\frac{1}{9}$ cup of magenta

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

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

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

? cup

a	b	c
$3\frac{3}{4}$ cup	$7\frac{23}{256}$ cup	$4\frac{1}{43}$ cup
d		
$5\frac{13}{32}$ cup		

6 This smoothie needs 0 cup of peach for every $\frac{1}{8}$ cup of lime. How many cups of peach is needed if you have $\frac{1}{2}$ cup of lime

$\frac{1}{8}$ cup

0 cup

$\frac{1}{2}$ cup

? cup

a	b	c
0 cup	4 cup	8 cup

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

$\frac{3}{4}$ cup

$\frac{7}{8}$ cup

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

? cup

a	b	c
$1\frac{3}{4}$ cup	$\frac{25}{48}$ cup	$1\frac{9}{16}$ cup
d		
$\frac{63}{64}$ cup		