



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 smoothie needs $6\frac{1}{2}$ cup of peach for every 7 cup of lime. How many cups of peach is needed if you have $1\frac{3}{4}$ cup of lime.

a	b	c
$1\frac{5}{8} \text{ cup}$	$9\frac{5}{8} \text{ cup}$	$6\frac{2}{15} \text{ cup}$
d		
$13\frac{1}{7} \text{ cup}$		

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

a	b	c
$1\frac{3}{4} \text{ cup}$	$41\frac{151}{256} \text{ cup}$	$\frac{281}{1,248} \text{ cup}$
d		
$3\frac{68}{71} \text{ cup}$		

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

a	b	c
$\frac{3}{8} \text{ cup}$	4 cup	$\frac{1}{2} \text{ cup}$
d		

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

a	b	c
$1\frac{1}{4} \text{ cup}$	$2\frac{43}{65} \text{ cup}$	$21\frac{69}{256} \text{ cup}$
d		
$5\frac{13}{32} \text{ cup}$		

5 This smoothie needs 0 cup of peach for every $\frac{3}{8}$ cup of lime. How many cups of peach is needed if you have $\frac{1}{8}$ cup of lime.

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

6 This smoothie needs 7 cup of peach for every $7\frac{1}{2}$ cup of lime. How many cups of peach is needed if you have $1\frac{7}{8}$ cup of lime.

a	b	c
$1\frac{3}{4} \text{ cup}$	$98\frac{7}{16} \text{ cup}$	$\frac{107}{120} \text{ cup}$
d		
$7\frac{2}{15} \text{ cup}$		

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

a	b	c
$1\frac{1}{2} \text{ cup}$	$1\frac{18}{19} \text{ cup}$	$11\frac{11}{32} \text{ cup}$
d		
$3\frac{4}{11} \text{ cup}$		