



Math worksheet on 'Ratios - Equivalent, Expanding Recipes with Integer Multiples - Fractions (Level 2)'.  
Part of a broader unit on 'Rates and Ratios - Practice'

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**1** This smoothie needs  $\frac{3}{4}$  cup of peach for every  $\frac{7}{8}$  cup of lime. How many cups of peach is needed if you have  $3\frac{1}{2}$  cup of lime

$\frac{7}{8}$  cup

$\frac{3}{4}$  cup

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

? cup

a	b	c
$3\text{cup}$	$4\frac{1}{7}\text{cup}$	$2\frac{19}{64}\text{cup}$
d		
$3\frac{5}{8}\text{cup}$		

**2** This paint color needs  $\frac{1}{2}$  cup of blue for every  $\frac{5}{8}$  cup of magenta. How many cups of blue is needed if you have  $1\frac{1}{4}$  cup of magenta

$\frac{5}{8}$  cup

$\frac{1}{2}$  cup

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

? cup

a	b	c
$1\text{cup}$	$1\frac{5}{8}\text{cup}$	$2\frac{3}{5}\text{cup}$
d		
$\frac{13}{40}\text{cup}$		

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

$\frac{7}{8}$  cup

1 cup

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

? cup

a	b	c
$3\text{cup}$	$2\frac{19}{64}\text{cup}$	$4\frac{1}{7}\text{cup}$
d		
$3\frac{5}{8}\text{cup}$		

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

$\frac{7}{8}$  cup

$\frac{3}{4}$  cup

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

? cup

a	b	c
$3\text{cup}$	$\frac{29}{56}\text{cup}$	$3\frac{5}{8}\text{cup}$
d		
$4\frac{1}{7}\text{cup}$		

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

$\frac{7}{8}$  cup

1 cup

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

? cup

a	b	c
$4\text{cup}$	$1\frac{2}{3}\text{cup}$	$3\frac{1}{16}\text{cup}$
d		
$1\frac{1}{14}\text{cup}$		

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

$\frac{1}{8}$  cup

$\frac{1}{4}$  cup

$\frac{1}{4}$  cup

? cup

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

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

$\frac{3}{8}$  cup

$\frac{1}{2}$  cup

$\frac{3}{4}$  cup

? cup

a	b	c
$1\text{cup}$	$\frac{11}{24}\text{cup}$	$1\frac{3}{8}\text{cup}$
d		
$\frac{9}{64}\text{cup}$		