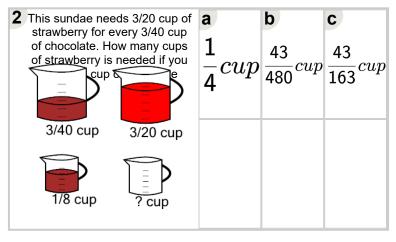# mobius

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

Learn online: app.mobius.academy/math/units/rates_and_ratios_advanced/

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

1/2 cup   2/3 cup   3/8 cup   ? cup

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

2 This sundae needs 3/20 cup of strawberry for every 3/40 cup of chocolate. How many cups of strawberry is needed if you ... cup of ...

3/40 cup   3/20 cup   1/8 cup   ? cup

a	b	c
$\frac{1}{4}cup$	$\frac{43}{480}cup$	$\frac{43}{163}cup$

3 This paint color needs 7/20 cup of blue for every 3/10 cup of magenta. How many cups of blue is needed if you have 3/4 of ma...

3/10 cup   7/20 cup   3/4 cup   ? cup

a	b	c
$\frac{7}{8}cup$	$10\frac{1}{3}cup$	$\frac{31}{80}cup$
d		
$\frac{31}{240}cup$		

4 This paint color needs 1/16 cup of blue for every 1/8 cup of magenta. How many cups of blue is needed if you have 1/4 of ma...

1/8 cup   1/16 cup   1/4 cup   ? cup

a	b	c
$\frac{1}{8}cup$	$\frac{9}{64}cup$	$9\,cup$

5 This smoothie needs 3/20 cup of peach for every 1/10 cup of lime. How many cups of peach is needed if you have 1/4 cup of lim...

1/10 cup   3/20 cup   1/4 cup   ? cup

a	b	c
$\frac{3}{8}cup$	$\frac{13}{80}cup$	$13\,cup$

6 This sundae needs 1/4 cup of strawberry for every 1/3 cup of chocolate. How many cups of strawberry is needed if you ... cup o...

1/3 cup   1/4 cup   1/2 cup   ? cup

a	b	c
$\frac{3}{8}cup$	$\frac{4}{9}cup$	$\frac{1}{24}cup$
d		
$\frac{1}{2}cup$		

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

1/2 cup   5/8 cup   1/2 cup   ? cup

a	b	c
$\frac{5}{8}cup$	$\frac{7}{17}cup$	$\frac{5}{32}cup$
d		
$7\,cup$		