



Math worksheet on 'Ratios - Equivalent, Shrinking Recipes with Non-Integer Multiples - Decimals (Level 3)'. Part of a broader unit on 'Rates and Ratios - Advanced'

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**1** This paint color needs 1 ml of blue for every 8.59375 ml of magenta. How much blue is needed if you have 3.125 ml of magenta.

<b>a</b>	0.36 ml	<b>b</b>	0.61 ml
<b>c</b>	0.14 ml	<b>d</b>	0.86 ml

**2** This sauce needs 1 ml of mustard for every 5.15625 ml of ketchup. How much mustard is needed if you have 1.875 ml of ketchup.

<b>a</b>	0.36 ml	<b>b</b>	0.86 ml
<b>c</b>	1.86 ml	<b>d</b>	0.61 ml

**3** This paint color needs 1 ml of blue for every 5.03125 ml of magenta. How much blue is needed if you have 2.875 ml of magenta.

<b>a</b>	0.57 ml	<b>b</b>	0.93 ml
<b>c</b>	1.82 ml	<b>d</b>	2.32 ml

**4** This paint color needs 1 ml of blue for every 5.78125 ml of magenta. How much blue is needed if you have 4.625 ml of magenta.

<b>a</b>	0.8 ml	<b>b</b>	1.2 ml
<b>c</b>	2.55 ml	<b>d</b>	0.7 ml

**5** This sundae needs 1 ml of strawberry for every 20.625 ml of chocolate. How much strawberry is needed if you have 7.5 ml of chocolate.

<b>a</b>	0.36 ml	<b>b</b>	1.36 ml
<b>c</b>	1.61 ml	<b>d</b>	1.86 ml

**6** This sauce needs 1 ml of mustard for every 23.25 ml of ketchup. How much mustard is needed if you have 7.75 ml of ketchup.

<b>a</b>	0.33 ml	<b>b</b>	1.08 ml
<b>c</b>	0.42 ml	<b>d</b>	1.58 ml

**7** This paint color needs 1 ml of blue for every 14.0625 ml of magenta. How much blue is needed if you have 9.375 ml of magenta.

<b>a</b>	0.67 ml	<b>b</b>	1.17 ml
<b>c</b>	0.33 ml	<b>d</b>	1.08 ml