



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 sundae needs 1 ml of strawberry for every 15.75 ml of chocolate. How much strawberry is needed if you have 7.875 ml of chocolate.

<b>a</b>	0.5 ml	<b>b</b>	2 ml
<b>c</b>	0.25 ml	<b>d</b>	1.75 ml

**2** This sauce needs 1 ml of mustard for every 19.5 ml of ketchup. How much mustard is needed if you have 6 ml of ketchup.

<b>a</b>	0.31 ml	<b>b</b>	0.44 ml
<b>c</b>	0.69 ml	<b>d</b>	0.81 ml

**3** This smoothie needs 1 ml of peach for every 6.75 ml of lime. How much peach is needed if you have 4.5 ml of lime.

<b>a</b>	0.67 ml	<b>b</b>	0.42 ml
<b>c</b>	2.42 ml	<b>d</b>	0.58 ml

**4** This sundae needs 1 ml of strawberry for every 20.25 ml of chocolate. How much strawberry is needed if you have 9 ml of chocolate.

<b>a</b>	0.44 ml	<b>b</b>	0.56 ml
<b>c</b>	0.06 ml	<b>d</b>	2.19 ml

**5** This paint color needs 1 ml of blue for every 11.34375 ml of magenta. How much blue is needed if you have 4.125 ml of magenta.

<b>a</b>	0.36 ml	<b>b</b>	0.39 ml
<b>c</b>	1.39 ml	<b>d</b>	0.11 ml

**6** This sauce needs 1 ml of mustard for every 20.3125 ml of ketchup. How much mustard is needed if you have 6.25 ml of ketchup.

<b>a</b>	0.31 ml	<b>b</b>	0.44 ml
<b>c</b>	0.56 ml	<b>d</b>	1.44 ml

**7** This smoothie needs 1 ml of peach for every 3.75 ml of lime. How much peach is needed if you have 1.25 ml of lime.

<b>a</b>	0.33 ml	<b>b</b>	0.92 ml
<b>c</b>	1.58 ml	<b>d</b>	1.08 ml