



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

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**1** This sauce needs 9 ml of mustard for every 8 ml of ketchup. How much mustard is needed if you have 18 ml of ketchup

<b>a</b>	20.25 ml	<b>b</b>	22 ml
<b>c</b>	20.75 ml	<b>d</b>	20.5 ml

**2** This paint color needs 3.5 ml of blue for every 2.5 ml of magenta. How much blue is needed if you have 8.125 ml of magenta

<b>a</b>	11.38 ml	<b>b</b>	9.62 ml
<b>c</b>	13.12 ml	<b>d</b>	10.62 ml

**3** This paint color needs 9.5 ml of blue for every 8.5 ml of magenta. How much blue is needed if you have 23.375 ml of magenta

<b>a</b>	26.13 ml	<b>b</b>	27.12 ml
<b>c</b>	27.62 ml	<b>d</b>	24.12 ml

**4** This sauce needs 0.75 ml of mustard for every 1.75 ml of ketchup. How much mustard is needed if you have 4.375 ml of ketchup

<b>a</b>	1.88 ml	<b>b</b>	2.88 ml
<b>c</b>	1.12 ml	<b>d</b>	3.12 ml

**5** This sundae needs 9.25 ml of strawberry for every 8.25 ml of chocolate. How much strawberry is needed if you have 14.4375 ml of chocolate

<b>a</b>	16.19 ml	<b>b</b>	14.19 ml
<b>c</b>	16.94 ml	<b>d</b>	14.69 ml

**6** This smoothie needs 4 ml of peach for every 3 ml of lime. How much peach is needed if you have 9.75 ml of lime

<b>a</b>	13 ml	<b>b</b>	14.75 ml
<b>c</b>	11.75 ml	<b>d</b>	12 ml

**7** This sundae needs 10.25 ml of strawberry for every 9.25 ml of chocolate. How much strawberry is needed if you have 18.5 ml of chocolate

<b>a</b>	20.5 ml	<b>b</b>	19.5 ml
<b>c</b>	21.5 ml	<b>d</b>	19.75 ml