



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

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1 This sauce needs 7.375 ml of mustard for every 8.375 ml of ketchup. How much mustard is needed if you have 16.75 ml of ketchup

8.375 ml

7.375 ml

16.75 ml

? ml

a 14.75 ml	b 15.25 ml
c 12.75 ml	d 15.75 ml

2 This smoothie needs 6 ml of peach for every 5 ml of lime. How much peach is needed if you have 15 ml of lime

5 ml

6 ml

15 ml

? ml

a 18 ml	b 18.5 ml
c 16.75 ml	d 17 ml

3 This paint color needs 8.5 ml of blue for every 9.5 ml of magenta. How much blue is needed if you have 19 ml of magenta

9.5 ml

8.5 ml

19 ml

? ml

a 17 ml	b 16.5 ml
c 18.5 ml	d 17.25 ml

4 This smoothie needs 7.75 ml of peach for every 8.75 ml of lime. How much peach is needed if you have 17.5 ml of lime

8.75 ml

7.75 ml

17.5 ml

? ml

a 15.5 ml	b 15.25 ml
c 14.5 ml	d 16 ml

5 This sauce needs 2.875 ml of mustard for every 3.875 ml of ketchup. How much mustard is needed if you have 7.75 ml of ketchup

3.875 ml

2.875 ml

7.75 ml

? ml

a 5.75 ml	b 6 ml
c 6.25 ml	d 4.5 ml

6 This paint color needs 1.125 ml of blue for every 2.125 ml of magenta. How much blue is needed if you have 8.5 ml of magenta

2.125 ml

1.125 ml

8.5 ml

? ml

a 4.5 ml	b 6 ml
c 2.75 ml	d 3.75 ml

7 This sundae needs 2.25 ml of strawberry for every 1.25 ml of chocolate. How much strawberry is needed if you have 2.5 ml of chocolate

1.25 ml

2.25 ml

2.5 ml

? ml

a 4.5 ml	b 5.5 ml
c 3 ml	d 5.25 ml