



## Ratios - Equivalent, Shrinking Recipes with Non-Integer Multiples - Whole



### Numbers

**1** This sauce needs 18 ml of mustard for every 16 ml of ketchup. How much mustard is needed if you have 9 ml of ketchup?

18 ml 16 ml

9 ml ? ml

A	B	C
8 ml	12 ml	9 ml
D		
7 ml		

**2** This sundae needs 33 ml of strawberry for every 27 ml of chocolate. How much strawberry is needed if you have 9 ml of chocolate?

27 ml 33 ml

9 ml ? ml

A	B	C
11 ml	10 ml	13 ml
D		
15 ml		

**3** This smoothie needs 36 ml of peach for every 27 ml of lime. How much peach is needed if you have 9 ml of lime?

27 ml 36 ml

9 ml ? ml

A	B	C
12 ml	4 ml	18 ml
D		
13 ml		

**4** This sundae needs 28 ml of strawberry for every 22 ml of chocolate. How much strawberry is needed if you have 11 ml of chocolate?

22 ml 28 ml

11 ml ? ml

A	B	C
14 ml	15 ml	7 ml
D		
19 ml		

**5** This sauce needs 24 ml of mustard for every 26 ml of ketchup. How much mustard is needed if you have 13 ml of ketchup?

26 ml 24 ml

13 ml ? ml

A	B	C
12 ml	14 ml	15 ml
D		
6 ml		

**6** This paint color needs 40 ml of blue for every 30 ml of magenta. How much blue is needed if you have 12 ml of magenta?

30 ml 40 ml

12 ml ? ml

A	B	C
16 ml	13 ml	14 ml
D		
10 ml		

**7** This paint color needs 10 ml of blue for every 12 ml of magenta. How much blue is needed if you have 6 ml of magenta?

12 ml 10 ml

6 ml ? ml

A	B	C
5 ml	10 ml	4 ml
D		
8 ml		

**8** This sundae needs 20 ml of strawberry for every 14 ml of chocolate. How much strawberry is needed if you have 7 ml of chocolate?

14 ml 20 ml

7 ml ? ml

A	B	C
10 ml	4 ml	15 ml
D		
5 ml		