

Quiz #2: Unit 2 Ratios

1. A recipe for pasta dough says, "Use 150 grams of flour per large egg." How much flour is needed if 4 large eggs are used? A. 37.5 g. B. 600 g. C. 450 g. D. 154 g.	2. A recipe for pasta dough says, "Use 150 grams of flour per large egg." How many eggs are needed if 750 grams of flour are used? A. 5 eggs B. 4 eggs C. 3 eggs D. 6 eggs								
3. The grocery store is having a sale on frozen vegetables. 3 bags are being sold for \$10.35. At this rate, what is the cost of 7 bags? A. \$3.45 B. \$25.14 C. \$17.35 D. \$24.15	4. Lin blends 3 scoops of chocolate ice cream with 2 cup of milk, and Noah blends 5 scoops of chocolate ice cream with 3 cups of milk. Whose will be more chocolatey? A. Lin B. Noah C. It's the same								
5. In a DOUBLE batch of a spice mix, there are 8 teaspoons of garlic powder and 12 teaspoons of salt. How much garlic powder is used with 9 teaspoons of salt? A. 6 B. 5 C. 4 D. 3	6. In a DOUBLE batch of a spice mix, there are 8 teaspoons of garlic powder and 12 teaspoons of salt. If there are 10 TOTAL teaspoons of <u>spice mix</u>, how much garlic is in it? A. 6 B. 5 C. 4 D. 3								
7. A car travels at a constant speed, as shown on the double number line. How far does the car travel in 10 hours? (number answer) time (hours) 0 1 2 3 distance (kilometers) 0 70 140 210	8. While playing basketball, Jada's heart rate goes up to 150 beats per minute. While jogging, her heart beats 25 times in 10 seconds. Assuming her heart beats at a constant rate while jogging, which of these activities resulted in a higher heart rate? A. Basketball B. Jogging C. They are the same								
9. Mai is making personal pizzas. For 4 pizzas, she uses 10 ounces of cheese. At this rate, how much cheese will she need to make 18 pizzas? (number answer) <table border="1"> <thead> <tr> <th>number of pizzas</th><th>ounces of cheese</th></tr> </thead> <tbody> <tr> <td>4</td><td>10</td></tr> <tr> <td> </td><td> </td></tr> <tr> <td> </td><td> </td></tr> </tbody> </table>	number of pizzas	ounces of cheese	4	10					10. A sports drink recipe calls for $\frac{3}{2}$ tablespoons of powdered drink mix for every 8 ounces of water. How many batches can you make with 6 tablespoons of drink mix and 32 ounces of water? (number answer)
number of pizzas	ounces of cheese								
4	10								

Answers:

1.	2.	3.	4.	5.
6.	7.	8.	9.	10.