

Name: _____

Measuring Volume and Mass Word Problems

Directions: Solve the metric word problems. You may use drawings and equations to show your work.

1. Brandy needed to bake 5 cakes for a party. She followed the recipe for one cake and multiplied by 5 to increase the ingredients. The recipe called for 34 grams of sugar. How many grams of sugar was needed for 5 cakes?

_____ grams

2. Paul had 3 plastic bags with 150 milliliters of water. Each bag had a fish. When he pours all of the bags of water into a bowl, how many milliliters of water were in the bowl?

_____ milliliters

3. Susan's cat weighed 4 kilograms. Bob's cat weight 5 kg. Mary's cat weighed 6 kg. Gary was waiting to weigh his cat. Altogether, the cats weighed 20 kg. How much did Gary's cat weigh?

_____ kilograms

4. Henrietta won a chocolate bar that weighed 1815 grams, (or 4 pounds). She shared the candy bar equally with two of her friends. How many grams of chocolate did each of the three friends get to eat?

_____ grams

5. Mom asked me to buy 18 bottles of soda for the graduation party. Each bottle contained 2 liters of liquid. One bottle fell and when I opened it, it exploded. How many liters of soda did we end up with for the party?

_____ liters