

Basic Mathematics for Vet Techs

Name: _____ Date: _____

1. We are mixing a chemical compound with component A (9.5 parts) to a component B (3.75 parts). We have 35.8 kg of component A. How much component B do we need?

2. We have a copy machine in the Vet office. If there are 2400 staples in the copy machine, which is a ratio of 3.5 to 9 of what the machine can hold. What is the number of staples the machine can hold?

3. Terry, the Vet Tech mixes a solution of pet food and supplement. The supplement directions say to mix a ration of 1 part supplement to 20 parts dog food (1:20) with the pet food. If there is 2.5 cups of pet food, how much supplement should be added? If there are 16 tablespoons in a cup, how many tablespoons?

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4. The Vet recommends that your three small dogs need 1 cup of water for each 5 pounds of body weight. One dog weighs 15 lbs, the second dog weighs 12 lbs and the third dog weighs 8.5 lbs. What is the total amount of water needed each day?

5. We need to add supplement to the rabbit food and the container says the ratio is 0.3 part supplement to 4 parts food. The amount of puppy food is 1.75 ounces. How much supplement do we need?

6. Melissa contributed in tagging 56 kangaroo in the Australian outback. In the next weeks traveling throughout the region, Melissa spotted 15 tagged out of 144 kangaroo. How many kangaroo are in the outback?