

Vet Math Mixed Problems

Name \_\_\_\_\_

Mixed Problems Again! – LABEL ALL ANSWERS!

1. \_\_\_\_\_ The veterinarian prescribes 15 mg of Prednisone every day for 10 days. If the tablets are 10 mg, how many should be dispensed?
  
2. \_\_\_\_\_ A farmer has 10 calves weighing approximately 100 lb each. They are being treated for a coccidia infection with Corid powder for 10 days. To make Corid solution, mix 3 oz in 1 qt of water. The dosage for drenching with Corid is 1 oz/100lbs body weight. How much solution is needed for 10 cows for 10 days?
  
3. \_\_\_\_\_ A greyhound weighing 45 kg is being anesthetized with Acepromazine at a dosage of 1mg/kg. If the concentration is 5 mg/mL, how many mL should be given?
  
4. \_\_\_\_\_ A 35 lb corgi is given Baytril at a dosage of 25 mg/kg. How many 0.00035 g tablets should you give him?
  
5. \_\_\_\_\_ The vet gives SMZ-TMP for an infection in a calf that weighs 200 lbs. If the dosage is 1.5 capsules/100 lb given once a day for 5 days, and each capsule costs \$0.45, what is the total cost of the treatment?
  
6. \_\_\_\_\_ A solution is made by dissolving 350 mg of a drug in 1 mL of solution.  
  
Calculate how many g/mL are in the solution.
  
7. \_\_\_\_\_ If you had a 500 mg drug and wanted to make a 5% solution, how many mL could you make?
  
8. \_\_\_\_\_ If you needed to give 23 mg of valium, how many mL would you give using 10 mL bottle of solution containing 100 mg?
  
9. \_\_\_\_\_ A lab weighs 46.7 kg. What is his weight in pounds?
  
10. \_\_\_\_\_ Atropine is given at a dosage of .5 mg/kg. How much would a 3.5 lb terrier receive?