Basic Mathematics for Vet Techs

Name: _____   Date: _____

Convert the following

1. 7 g to grains

$$\frac{7 \ grams}{1} \times \frac{15.4 \ gr}{1 \ gram} = \_\_\_\_\_grains$$

2. 5 oz to grams

$$\frac{5 \ oz}{1} \times \frac{28.3 \ g}{1 \ oz} = \_\_\_\_\_grams$$

3. 150 mg to grains

$$\frac{150 \ mg}{1} \times \frac{1 \ gr}{65 \ mg} = \_\_\_\_\_grains$$

4. 40 ml to tsp

$$\frac{40 \ ml}{1} \times \frac{1 \ tsp}{5 \ ml} = \_\_\_\_\_tsp$$

5. 25 lbs to kg

$$\frac{25 \ lbs}{1} \times \frac{1 \ kg}{2.2 \ lbs} = \_\_\_\_\_kg$$

6. *16 kg to mg*

$$\frac{16 \ kg}{1} \times \frac{1000 \ g}{1 \ kg} \times \frac{1000 \ mg}{1 \ g} = \_\_\_\_\_mg$$

7. *2 ft to cm*

$$\frac{2 \ ft}{1} \times \frac{12 \ in}{1 \ ft} \times \frac{2.54 \ cm}{1 \ in} = \_\_\_\_\_cm$$

8. *20 gallons to fl oz*

$$\frac{20 \ gallons}{1} \times \frac{4 \ quarts}{1 \ gal} \times \frac{4 \ cups}{1 \ qt} \times \frac{8 \ fl \ oz}{1 \ cup} = \_\_\_\_\_fl \ oz$$

9. *75 fl oz to ml*

$$\frac{75 \ fl \ oz}{1} \times \frac{30 \ ml}{1 \ fl \ oz} = \_\_\_\_\_ml$$