

Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Concentrations and Infusion Quiz**

**1. Determine the infusion for a 1450 lb horse that is 8% dehydrated.**

**Compute the replacement volume.**

**Compute the maintenance volume.**

**Compute the total volume.**

**Compute the milliliters per minute infusion rate.**

**Compute the drips per minute infusion rate.**

**Compute the anesthesia / surgery rate.**

**2. How many mL of a 50% dextrose stock solution do you need to add to make a 750mL of 2.5% dextrose solution? How much water will you use?**

3. You have a 250ml bottle of 50% dextrose. You need to prepare 1000 ml of a 5% dextrose solution. How much of the concentrated solution will you use? How much water will you use?

4. Determine the infusion for a 7.5 lb puppy that is 10% dehydrated.

Compute the replacement volume.

Compute the maintenance volume.

Compute the total volume.

Compute the milliliters per minute infusion rate.

Compute the drips per minute infusion rate.

Compute the anesthesia / surgery rate.