

Vet Tech Mathematics

Name: _____

Date: _____

1. How many milliliters of 100% dextrose are needed to add to a 500ml bag of IVF to make a 2.5% dextrose solution? How much water will you use?

2. You need to compound a 500mL IV of 10% dextrose. You only have 1 Gallon of 20% dextrose in stock, how much of it will you need to use?

3. You have a 250ml bottle of 50% dextrose. You need to prepare 150 ml of an 8% dextrose solution. How much of the concentrated solution will you use? How much water will you use?

4. You have a 900ml bottle of 75% dextrose. You need to prepare 80 ml of a 15% dextrose solution. How much of the concentrated solution will you use?