

**Margaret H. Rollins School of Nursing**  
**Nursing 201 – Nursing Care of Special Populations**  
**Equivalents and Formulas**

1. Fill in the equivalents for the following:

- a. 1 mg = \_\_\_\_\_1000\_\_\_\_\_ mcg
- b. 1 gm = \_\_\_\_\_1000\_\_\_\_\_ mg
- c. 1 Kg = \_\_\_\_\_1000\_\_\_\_\_ grams
- d. 1 Kg = \_\_\_\_\_2.2\_\_\_\_\_ lbs
- e. 1 lb = \_\_\_\_\_8\_\_\_\_\_ oz
- f. 1 liter = \_\_\_\_\_1000\_\_\_\_\_ ml
- g. 1 tsp = \_\_\_\_\_5\_\_\_\_\_ ml
- h. 3 teaspoons = \_\_\_\_\_3\_\_\_\_\_ tablespoon(s)
- i. 1 tablespoon = \_\_\_\_\_15\_\_\_\_\_ ml
- j. 1gm = \_\_\_\_\_1\_\_\_\_\_ ml

2. Write the formula you use to do drug calculations.

Desired/Have x quantity

3. Write the IV drip rate formula.

Volume(mL)/minutes x gtt/mL = gtt/min