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

1. <u>Fill in the equivalents for the following</u>:

   a. 1 mg = 1000 mcg

   b. 1 gm = 1000 mg

   c. 1 Kg = 1000 grams

   d. 1 Kg = 2.2 lbs

   e. 1 lb = 16 oz

   f. 1 liter = 1000 ml

   g. 1 tsp = 5 ml

   h. 3 teaspoons = 1 tablespoon(s)

   i. 1 tablespoon = 15 ml

   j. 1gm = 1 ml

2. <u>Write the formula you use to do drug calculations.</u>

X = Ordered (D) /available (H) x quantity (Q)

3. <u>Write the IV drip rate formula.</u>

   Volume (mL)/minutes x drop factor (gtt/mL) = flow rate (gtt/min)