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 = ____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. Write the formula you use to do drug calculations.

   $$\frac{O}{A} \cdot Q = \text{drug dosage}$$

   $$\frac{mL}{hr} = IV \text{ flow rate in } \frac{mL}{hr}$$

3. Write the IV drip rate formula.

   $$\frac{10\ gtt}{1\ mL} \times \frac{mL}{min} = \frac{gtts}{min}$$