

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.

(Desired x quantity)/ have

3. Write the IV drip rate formula.

Gtt/ ml x total volume ml/total time hr x 1hr/60min = gtt/min