

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. If a child weighs 15 pounds, how many kilograms is this child? Round to the nearest tenth place. **6.8 kg**

3. A newborn weighs 3.825kg

- a. How many grams is this? **3825 gm**
- b. How many pounds and ounces is this? **8.415 lbs or 134.64 oz**

4. What is the formula for drug calculations?

$$X = \text{desired/have} \times \text{quantity}$$