

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 = 1,000 mcg
- b) 1 gm = 1,000 mg
- c) 1 Kg = 1,000 grams
- d) 1 Kg = 2.2 lbs
- e) 1 lb = 16 oz
- f) 1 liter = ml
- g) 1 tsp = 5 ml
- h) 3 teaspoons = 9 tablespoon(s)
- i) 1 tablespoon = 15 ml
- j) 1gm = 1ml

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

3. A newborn weighs 3.825kg

- a. How many grams is this? 3825g
- b. How many pounds and ounces is this? 8lb 4oz

4. What is the formula for drug calculations? Desired/Have x Volume