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. 15/2.2

   15 lbs = 6.8 kg

3. A newborn weighs 3.825kg

   a. How many grams is this? 3.825 x 1000 = 3,825g

   b. How many pounds and ounces is this? 8 lbs and 7 oz

4. What is the formula for drug calculations?

Desired over have method

What you want/ what you've got x how much you've got = how much to give