Margaret H. Rollins School of Nursing
Nursing 201 – Nursing Care of Special Populations
Equivalents and Formulas

1. <u>Fill in the equivalents for the following</u>:

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 = 4.9 ml

h) 3 teaspoons = 1 tablespoon

i) 1 tablespoon = 14.8 ml

j) 1gm = 1 ml

2. If a child weighs 15 pounds, how many kilograms is this child? Round to the nearest tenth place. 15lb / 2.2 kg = 6.8 kg

3. A newborn weighs 3.825kg

    a. How many grams is this?

       3.825 x 1000= 3835g

    b. How many pounds and ounces is this?

       8lb 7oz

4. What is the formula for drug calculations?

Desired x quantity = dose
Have