

**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.

6.8kg

3. A newborn weighs 3.825kg

a. How many grams is this?

3,285g

b. How many pounds and ounces is this?

8lbs 7oz

4. What is the formula for drug calculations?

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