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Benson

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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) 1 gm = 1000 ml

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

~~6.8~~ 6.8 kg

3. A newborn weighs 3.825kg

- a. How many grams is this? 3825g  
b. How many pounds and ounces is this?

8.415 lb

4. What is the formula for drug calculations?

$$\frac{\text{Desired}}{\text{Have}} \times \text{quantity}$$