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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 = 1 ml

2. Write the formula you use to do drug calculations.

$$\frac{D \times Q}{H}$$

3. Write the IV drip rate formula.

$$\frac{\text{mL}}{\text{hr}} \times \frac{\text{gtts}}{\text{mL}} \times \frac{1 \text{ hr}}{60 \text{ min}} = \frac{\text{gtts}}{\text{min}}$$