

Name _____ Date _____

DOSAGE CALCULATION

CONVERSIONS

1 mg = 1000 mcg

1 oz = 2 Tbsp

3 Tsp = 1 Tbsp

1 L = 1000 mL

1 kg = 1000 g

30 mL = 1 oz

5 mL = 1 Tsp

1 gr = 1000 mcg

8 oz = 1 cup

15 mL = 1 Tbsp

1 mL = 1 cc

1 kg = 2,2 lbs

1. MD orders Morphine 0.5 mg IV every 4 hours as needed for pain. The vial is labeled 2 mg/mL. How many mL will you give per dose?
2. MD orders Benadryl 25 mg IV as needed for itching. The vial is labeled 1000 mcg/mL. How many mL will you give per dose?
3. MD orders Digoxin 0.125 mg IV stat. The vial is labeled 500 mcg/2mL. How many mL will you give per dose?
4. MD orders Versed 4 mg IV pre-procedural. The vial is labeled 1 mg/mL. How many mL will you give per dose?
5. MD orders Heparin 100 units subq daily. The vial is labeled 50 units/mL. How many mL will you give per dose?

Sample Medical Math Problems

Janet Sesser, Deborah L. Westervelt

A red circular graphic with a gradient, appearing as a partial circle or a thick arc, located to the right of the authors' names.

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