

N301 Adult Health I

Lab Week 1

Name: _____ Date: _____

Math Practice Questions

- Express the following number to the nearest hundredth.
 - 2.345 _____ 2.35 _____
- Solve the following equation. Express your answer to the nearest tenth.
 - 55×0.15 _____ 8.3 _____
- Solve the equation. Express your answer as a decimal fraction to the nearest tenth.
 - 0.114×3.2 _____ 0.4 _____
- You are to give 1,250 mg of a medication and you receive 250 mg tablets from the pharmacy. How many tablets would you administer?
 - _____ 5 tablets _____
- You have to administer a combination drug that combines 25 mg of medication A and 6.25 mg of medication B. Pharmacy has given you 12.5 mg tablets of medication A and 12.5 mg of medication B. How many tablets of medication B would you give?
 - _____ 2 tablets _____
- You have to administer a prescription that combines two separate drugs of 50 mg of medication A and 12.5 mg of medication B. Pharmacy has given you 25 mg tablets of medication A and 6.25 mg of medication B. How many tablets of medication A would you give?
 - _____ 2 tablets _____
- Express 750 mg in g
 - _____ 0.75 g _____
- Express 0.75 mg in mcg
 - _____ 750 mcg _____
- The nurse needs to infuse 250 mL over 45 minutes by infusion pump. At what rate per hour does the nurse set the pump?
 - _____ 333 mL/hour _____
- The doctor has ordered 1 liter D5W (IV fluid solution 5% dextrose and water) over 12 hours. At what rate per hour does the nurse set the pump?
 - _____ 83 mL/hour _____
- Convert these body weights into kilograms. Round to the nearest tenth.
 - 44.5 lbs = _____ 20.2 kg _____
 - 154 lbs = _____ 70 kg _____
 - 540 lbs = _____ 245.5 kg _____
 - 123 lbs = _____ 55.9 kg _____
- A doctor orders 75 mg of ceftriaxone to be taken by a 15 pound infant twice a day. The pharmaceutical reference states that 50-75 mg/kg/day is the appropriate dosage range. Is this doctor's orders within the desired range?
 - _____ No _____
- The most commonly used parenteral administration routes are:
 - Sublingual, intravenous, transdermal
 - Intravenous, intramuscular, and subcutaneous
 - Intravenous, inhalation, and subcutaneous

