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## 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.
  - $55 \times 0.15$  8.3
- Solve the equation. Express your answer as a decimal fraction to the nearest tenth.
  - $0.114 \times 3.2$  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?
  - 0.5 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
- 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.
  - $44.5 \text{ lbs} =$  20.2 kg
  - $154 \text{ lbs} =$  70 kg
  - $540 \text{ lbs} =$  245.5 kg
  - $123 \text{ lbs} =$  55.9 = 56 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?
  - it is below desired range
- The most commonly used parenteral administration routes are:
  - Sublingual, intravenous, transdermal
  - Intravenous, intramuscular, and subcutaneous
  - Intravenous, inhalation, and subcutaneous