

N301 Adult Health I

Lab Week 1

Name: Taylor Hamilton Date: _____

Math Practice Questions

- Express the following number to the nearest hundredth.
 - 2.345 2.3
- 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 tabs
- 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 tab
- 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 tabs
- 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/hr
- 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?
 - 83.3 mL/hr
- Convert these body weights into kilograms. Round to the nearest tenth.
 - 44.5 lbs = 20.2 kg
 - 154 lbs = 70 kg
 - 540 lbs = 245.45 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 - its not enough
- The most commonly used parenteral administration routes are:
 - Sublingual, intravenous, transdermal
 - Intravenous, intramuscular, and subcutaneous**
 - Intravenous, inhalation, and subcutaneous

14. Insulin can be administered by what other routes?
- Subcutaneous, intravenous, self-administered pens
 - Intramuscular, inhalation, intradermal
 - Subcutaneous, intradermal, sublingual
15. One balanced electrolyte solution is which of the following?
- D5NS
 - LR
 - 0.9% NSS
 - 0.45% NSS
16. Identify which of the following solutions is the weakest?
- 1:1000
 - 1:10,000
 - 1:5
17. There are two bottles of milk of magnesium on the shelf at the pharmacy. One bottle contains 9.5 oz and the other 300 mL. Which has the larger volume?
- 300mL
18. The recommended dose of Dilantin for a child is 3 mg/kg/24 hr given every 12 hours. The patient's weight is 10 lbs. The medication is supplied in 250 mg/10 mL.
- Calculate the weight for the child in kg 4.5kg
 - Calculate the safe dose for the child in mg/dose 6.75 mg
 - How many milliliters will be administered for each dose? .27 mL
19. The patient is ordered Tylenol elixir at 325 mg per 2 teaspoons (tsp.) How many mL would the nurse administer?
- 10 mL
20. An IV medication of 250 mL is started at 0750 to run at 33 gtts/min using a 10 gtts/mL set. How long will the infusion run?
- 76 mins