

Medication Calculations Worksheet #1

REFER TO THE MEDICATION LABELS BELOW AND DETERMINE THE NUMBER OF TABLETS, CAPSULES, OR ML NEEDED TO DELIVER THE ORDERED DOSE. ASSUME THAT ALL TABLETS ARE SCORED AND CAN BE BROKEN IN HALF.

1. verapamil 120 mg _____



2. nifedipine 20 mg _____



3. Antivert® 50 mg _____



4. Cefaclor 0.5 g _____



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5. Your patient who is being treated for CHF requires Potassium Chloride 5 mEq PO two times a day for hypokalemia. Potassium Chloride 20 mEq/30 mL is available. How many mL will you administer per dose? **Round the answer to the 2nd decimal place.**
6. An NPO patient has an order for 0.9% Normal Saline at 125 mL/hr. The drop factor is 15 gtt/mL. How many gtt/min should be given? **Round the answer to the whole number.**
7. An order is received to infuse amphotericin B 240 mg in 500 mL D5W over 4 hours. What will the IV Pump rate be?
8. The physician orders 650 mL of Normal Saline to run at 75 mL/hr. How long will these fluids run? **Round your answer to whole number.**
9. The licensed prescriber has ordered amiodarone at 0.5 mg/min. The concentration is amiodarone 900 mg in 500 mL of D5W. How many mL/hr should the IV pump be programmed for? **Round the answer to the 1st decimal place.**
10. The licensed prescriber orders an antibiotic, 400 mg daily IVPB. It is to be infused over 60 minutes. The medication is available 400 mg in 250 mL NS. The drop factor is 10 gtt/mL. How many gtt/min should be given? **Round the answer to the whole number.**

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11. The nurse receives a dose range prescription for an adult who weighs 175 lbs. The recommended dose range is between 1-1.5 mg/ kg/dose every 6 hours. Calculate the dosage range in mg. **Round the answers to the 2nd decimal place.**
Minimum dose Recommended dose _____
Maximum dose Recommended dose _____
12. The order is for promethazine 75 mg PO TID PRN for nausea. Each tablet contains 50mg. How many tablets will you administer?
13. The order is to infuse 800mL of Lactated Ringers over 20 hours using an IV administration set that delivers 20gtt/mL. What is the drip rate?
14. A patient is sent home on captopril (Capoten), 6.25 mg PO bid. Her pharmacist dispenses 25 mg scored tablets. How many tablet(s) should the patient take for each dose?
15. You have an order for levothyroxine (Synthroid) 0.05 mg PO. You have on hand Synthroid 100 mcg tablets. How should you prepare the correct dose? **Record your answer using one decimal place.**
16. You need to administer 40 mg of furosemide (Lasix) PO. You have on hand Lasix 20 mg tablets. How many tablet(s) should you give?
17. You have digoxin (Lanoxin) 0.25 mg tablets, and you need to administer 0.375 mg PO. How many tablet(s) should you administer? **Record your answer using one decimal place.**
18. A patient is taking acetaminophen (Tylenol) 325 mg, 2 tablets PO every 6 hours. How many gram(s) is the patient receiving in 24 hours? **Record your answer using one decimal place.**