Med math Quiz 5   5 questions 2 points a piece   Due 12/10 at 9am

1. A nurse is caring for a client who is to receive liquid medications via a gastrostomy tube. The client is prescribed phenytoin 250 mg. The amount available is phenytoin oral solution 25 mg/5 mL. How many mL should the nurse administer per dose? (Round the answer to the nearest whole number. Use a leading zero if it applies. Do not use a trailing zero.)

    50 mL

2. The provider has prescribed odansetron oral disintegrating tablet (ODT) 8 mg by mouth to the client with nausea and vomiting. Available dosing is odansetron 4mg ODT in the pyxis. How many tablets will the nurse administer to the client? (Round the answer to the nearest whole number. Use a leading zero if it applies. Do not use a trailing zero.)

    2 tablets

3. The provider has prescribed promethazine 25mg IM for a client. The nurse has obtained the vial below from the pyxis machine. How many mL of the medication will the nurse administer?
    0.5 mL

4. A nurse is preparing to instill 840 mL of enteral nutrition via a client's gastrostomy tube over 24 hr using an infusion pump. The nurse should set the infusion pump to deliver how many mL/hr (Round the answer to the nearest whole number. Use a leading zero if it applies. Do not use a trailing zero.)

   35 mL/hr

5. The nurse is preparing to infuse 1 liter of lactated ringer solution using a 15gtt / ml IV tubing set. The solution is prescribed to infuse 1 liter over 10 hours. What is the IV drip rate per minute? (Round to the nearest whole number)

   25 gtt/min