

LVN Med Practice Calc (12 Questions) Quiz SV

1. Administer Dobutamine 250 mg in 100 mL of D₅W at 15 mcg/kg/min

Patient Weight: 120 lb

Calculate the flow rate in milliliters per hour. (Round to the nearest tenth).

2. Administer a Lidocaine continuous infusion at 2 mg/min via infusion pump.

Available: IV of 500 mL D₅W with 2 g Lidocaine added. What will be the hourly rate for the infusion pump?

3. The medication order: Give an IV bolus of Lidocaine 150 mg. The nurse has available Lidocaine 25 mg/2 mL.

How many mL should the nurse administer?

4. Heparin 25,000 units in 500 mL, infuse 4000 units/hr. How many mL per hour do you need to infuse to deliver 4000 units/hr?

5. The medication order: Administer chloramphenicol (Chloromycetin) 25 mg/kg/day in two equally divided doses. A premature infant weighs 2000 g. How many mg will the infant receive per dose?

6. The medication order: Administer diazepam (Valium) 0.2 mg/kg IV STAT. The infant weighs 17 pounds. Available: multidose vial labeled Valium 5 mg/2 mL. How many mL will the nurse administer? Round to the nearest tenth

7. The medication order: Administer cephalexin (Keflex) 35 mg/kg/day. The child weighs 54 pounds. Available: Keflex Oral Suspension 250 mg/5 mL. If given three times daily, how many mL will the nurse administer per dose?

8. Your patient weighs 28 kg. The nurse is to administer 30 mg/kg/day. How many milligrams will the nurse give in each dose if the medication is given every 6 hours?

9. 1500 mL is to be administered via an infusion pump over the next 12 hours.
At what rate will you set the pump?

10. Order: Megestrol acetate (Megace) 160 mg, PO, in four divided doses. Using the following label. How many tablet(s) should the patient receive per dose?



11. The doctor orders Amoxil for a child that weighs 63 lbs. The safe dosage range for this medication is 50 mg/kg/day every 8 hours. What is the safe dose for this child per dose? Round to nearest tenth.

- A. 2118.8 mg/dose
- B. 47.9 mg/dose
- C. 1187.3 mg/dose
- D. 476.7 mg/dose

12. Dopamine is infusing at 26 mL/hour. Client weighs 150 lbs. The bag contains 200 mg of Dopamine in 250 mL D5W. How many mcg/kg/min are infusing? Round to nearest whole number