

Med Calc Review Quiz #4

1. The doctor has ordered 3000 mL of D5W to be administered over 24 hours. What is the infusion rate for the solution? _____
2. A client is to receive an antibiotic in 50mL of 0.9% NaCl over 30 minutes. What is the infusion rate of the antibiotic? _____
3. D5W is ordered to infuse at 100 mL/hr. The drop factor on the tubing is 10gtt/mL. At what rate in gtt/min should the IV be regulated? _____
4. An IV medication is diluted in 50 mL of NS and is to be infused over 20 minutes. The IV is using a microdrop set with a drip factor of 60gtts/mL. What is the infusion rate of the antibiotic in gtts/min? _____
5. 1,000 mL of D5W is ordered to infuse in 8 hours. The drop factor of the tubing is 20 gtts/mL. At what rate in gtt/min should the IV be regulated? _____
6. 1,500 mL of normal saline is to be infused over 10 hours. The drop factor for the tubing is 15 gtt/mL. What is the infusion rate in gtt/min? _____

7. A antibiotic in 20 mL of D5W is to be infused over 30 minutes. The drop factor of the tubing is 15 gtt/mL. What is the infusion rate in gtt/min?_____

8. Order: 1000 mL D5RL with 20 units Pitocin X 2 L at 125 mL/hour. The drop factor of the tubing is 15 gtt/mL. What is the infusion rate in gtt/min?_____

9. The following IVs are ordered to infuse in 16 hours:

D5W 500 mL w/ 10 mEq KCL

D5W 1000 mL

D5W 1000 mL w/ 1 ampule MVI

The drop factor of the tubing is 10 gtt/mL. What is the infusion rate in gtt/min?_____

10. Order: 1000mL D5NS X 3 L to infuse in 10 hours. The drop factor is microdrop (60gtt/mL). What is the infusion rate in gtt/min?_____