

ATI Parenteral (IV) Medications Test

1. A nurse is preparing to administer lactated Ringer's 2 L to infuse over 16 hr. The drop factor of the manual IV tubing is 10 gtt/mL. The nurse should set the manual IV infusion to deliver how many gtt/min?

21 gtt / min
2. A nurse is preparing to administer 0.9% sodium chloride (0.9% NaCl) 1 L IV to infuse over 5 hr. The nurse should set the IV pump to deliver how many mL/hr?

200 mL/hr
3. A nurse is preparing to administer ceftriaxone 2 g by intermittent bolus every 24 hr. Available is ceftriaxone injection 2 g in dextrose 5% in water (D5W) 100 mL to infuse over 30 min. The nurse should set the IV pump to deliver how many mL/hr?

200 mL/hr
4. A nurse is preparing to administer clindamycin 300 mg by intermittent IV bolus every 8 hr. Available is clindamycin injection 300 mg in 0.9% sodium chloride (0.9% NaCl) 50 mL to infuse over 45 min. The nurse should set the IV pump to deliver how many mL/hr?

67 mL/hr
5. A nurse is preparing to administer clindamycin 900 mg by intermittent IV bolus over 45 min. Available is clindamycin 900 mg in 100 mL dextrose 5% (D5W). The nurse should set the IV pump to deliver how many mL/hr?

133 mL/hr
6. A nurse is preparing to administer pantoprazole 80 mg by intermittent IV bolus every 12 hr. Available is pantoprazole injection 80 mg in 0.9% sodium chloride (0.9% NaCl) 100 mL to infuse over 15 min. The nurse should set the IV pump to deliver how many mL/hr?

400 mL/hr
7. A nurse is preparing to administer cefuroxime 750 mg by intermittent IV bolus every 8 hr. Available is cefuroxime injection 750 mg in 0.9% sodium chloride (0.9% NaCl) 50 mL to infuse over 15 min. The nurse should set the IV pump to deliver how many mL/hr?

200 mL/hr
8.

42 gtt/min

-
- A nurse is preparing to 0.9% sodium chloride (0.9% NaCl) 500 mL IV to infuse over 2 hr. The drop factor of the manual IV tubing is 10 gtt/mL. The nurse should set the manual IV infusion to deliver how many gtt/min?
-
9. A nurse is preparing to administer ceftazidime 1 g by intermittent IV bolus every 12 hr. Available is ceftazidime injection 1 g in 0.9% sodium chloride (0.9% NaCl) 50 mL to infuse over 15 min. The nurse should set the IV pump to deliver how many mL/hr? 200 mL/hr
-
10. A nurse is preparing to administer haloperidol 5 mg by intermittent IV bolus over 30 min. Available is haloperidol 5 mg in 50 mL dextrose 5% (D5W). The nurse should set the IV pump to deliver how many mL/hr? 100 mL/hr
-
11. A nurse is preparing to administer 0.9% sodium chloride (0.9% NaCl) 500 mL IV to infuse over 6 hr. The drop factor of the manual IV tubing is 60 gtt/mL. The nurse should set the manual IV infusion to deliver how many gtt/min? 83 gtt/min
-
12. A nurse is preparing to administer dextrose 5% in water (D5W) 250 mL via IV bolus to infuse over 45 min. The nurse should set the IV pump to deliver how many mL/hr? 333 mL/hr
-
13. A nurse is preparing to administer dextrose 5% in water (D5W) 250 mL to infuse over 30 min. The drop factor of the manual IV tubing is 15 gtt/mL. The nurse should set the manual IV infusion to deliver how many gtt/min? 125 gtt/min
-
14. A nurse is preparing to administer famotidine 20 mg by intermittent IV bolus over 15 min. Available is famotidine 20 mg in 100 mL dextrose 5% (D5W). The nurse should set the IV pump to deliver how many mL/hr? 400 mL/hr
-
15. 75 gtt/min

-
- A nurse is preparing to administer 0.45% sodium chloride (0.45% NaCl) 750 mL to infuse over 10 hr. The drop factor of the manual IV tubing is 60 gtt/mL. The nurse should set the manual IV infusion to deliver how many gtt/min?
-
16. A nurse is preparing to administer dextrose 5% in water (D5W) to infuse at 125 mL/hr. The drop factor of the manual IV tubing is 15 gtt/mL. The nurse should set the manual IV infusion to deliver how many gtt/min? 31 gtt/min
-
17. A nurse is preparing to administer lactated Ringer's 1 L to infuse over 2 hr. The drop factor of the manual IV tubing is 15 gtt/mL. The nurse should set the manual IV infusion to deliver how many gtt/min? 125 gtt/min
-
18. A nurse is preparing to administer ranitidine 50 mg by intermittent IV bolus every 8 hr. Available is ranitidine injection 50 mg in dextrose 5% water (D5W) 100 mL to infuse over 30 min. The nurse should set the IV pump to deliver how many mL/hr? 200 mL/hr
-
19. A nurse is preparing to administer dextrose 5% in 0.45% sodium chloride (D50.45% NaCl) 1,500 mL to infuse over 8 hr. The nurse should set the IV pump to deliver how many mL/hr? 188 mL/hr
-
20. A nurse is preparing to administer vancomycin 1 g every 12 hr. Available is vancomycin injection 1 g in 0.9% sodium chloride (0.9% NaCl) 250 mL to infuse over 60 min. The nurse should set the IV pump to deliver how many mL/hr? 63 mL/hr
-
21. A nurse is preparing to administer cefazolin 500 mg every 8 hr. Available is cefazolin injection 500 mg in dextrose 5% in water (D5W) 100 mL to infuse over 30 min. The nurse should set the IV pump to deliver how many mL/hr? 200 mL/hr
-
22. 100 mL/hr