

N443 Practice Problems Key

1. Order: dexamethasone 1.5 mg PO BID
Supply: tablet 0.75 mg
Answer: 2 tablets
2. Order: digoxin 0.25 mg PO daily
Supply: scored tablets 0.5 mg
Answer: 1/2 tablet
3. Order: ampicillin 0.5 g PO q6 hours
Supply: capsules 250 mg
Answer: 2 capsules
4. Order: prednisone 10 mg PO TID
Supply: tablet 2.5 mg
Answer: 4 tablets
5. Order: nifedipine 20 mg PO BID
Supply: capsules 10 mg
Answer: 2 tablets
6. Order: digoxin 0.25 mg IM daily
Supply: ampule labeled 0.5 mg/2mL
Answer: 1 mL
7. Order: diphenhydramine 40 mg IV
Supply: ampule labeled 50 mg/2mL
Answer: 1.6 mL
8. Order: morphine 8 mg IV
Supply: ampule labeled 15 mg/mL
Answer: 0.5 mL
9. Order: meperidine 50 mg IM
Supply: vial labeled 100 mg/mL
Answer: 0.5 mL
10. Order: levorphanol tartrate 3 mg subcutaneous
Supply: vial labeled 1.5 mg/mL
Answer: 2 mL
11. Order: 1500 mL D5W
Time: 12 hours

Tubing: 10 gtt/mL

Answer: 21 gtt/minute

12. Order: 250 mL NaCl + 20 mEq Potassium

Time: 1 hour

Tubing: 20 gtt/mL

Answer: 83. gtt/min

13. Order: 500 mL D5 0.45 NaCl

Time: 8 hours

Tubing: 10 gtt/mL

Answer: 10 gtt/min

14. Order: Heparin 800 units/hour

Available: Heparin 40,000 units in 1000 mL D5W

Find the rate of infusion

Answer: 20 mL/hour

15. Order: Heparin 1,100 units/hour

Available: Heparin 25,000 units in 250 mL D5W

Find the rate of infusion

Answer: 11 mL/hour

16. Order: Insulin 10 units/hour IV

Available: Insulin 125 units in 250 mL NaCl

Find the rate of infusion

Answer: 20 mL/hour