

N443 Practice Problems

Calculating tablets/volume: Round to the nearest tenth

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

10. Order: levorphanol tartrate 3 mg subcutaneous
Supply: vial labeled 1.5 mg/mL

Drip Rates: Round to the nearest whole number

11. Order: 1500 mL D5W
Time: 12 hours
Tubing: 10 gtt/mL
12. Order: 250 mL NaCl + 20 mEq Potassium
Time: 1 hour
Tubing: 20 gtt/mL
13. Order: 150 mL D5 0.45 NaCl
Time: 8 hours
Tubing: 10 gtt/mL

Special Infusions in units/hour or mg/hour

14. Order: Heparin 800 units/hour
Available: Heparin 40,000 units in 1000 mL D5W
Find the rate of infusion
15. Order: Heparin 1,100 units/hour
Available: Heparin 25,000 units in 250 mL D5W
Find the rate of infusion
16. Order: Insulin 10 units/hour IV
Available: Insulin 125 units in 250 mL NaCl
Find the rate of infusion