8. Medication order: Zaroxolyn 7.5 mg PO bid. Available: Zaroxolyn 5 mg tablets. How many tablets will you administer?

$7.5\text{mg} \times 2 = 15\text{mg/day}$

$15\text{mg} \times \frac{1\text{ tablet}}{5\text{mg}} =$ 3 tablets per day or 1.5 tablets per dose

9. Medication order: Erythromycin 125 mg via gastric tube tid. Available: Erythromycin 250 mg/5 mL

How many mL will you administer?

$125\text{mg} \times \frac{5\text{mL}}{250\text{mg}} = 2.5\text{mL}$

10. Medication order: Capoten 100 mg. Available: Capoten 0.1 g tablets.

How many tablets will you administer? $1\text{g} = 1000\text{mg}$

$100\text{mg} \times \frac{1\text{g}}{1000\text{mg}} = 0.1\text{g} \rightarrow$ 1 tablet

11. Change 128 oz to L. Round final answer to a whole number.

$1\text{oz} = 30\text{mL}$ $\quad 128\text{oz} \times \frac{30\text{mL}}{1\text{oz}} = 3840\text{mL} \times \frac{1\text{L}}{1000\text{mL}} = 3.84\text{L} \rightarrow 4\text{L}$

12. Medication order: heparin 2500 units/hr. Drug available: heparin 20,000 units in 250 mL D5W. At what rate will you set your pump?

$\frac{2500\text{ units}}{\text{hr}} \times \frac{250\text{mL}}{20{,}000\text{ units}} = 31.25\text{mL/hr}$

13. Penicillin G Procaine (Wycillin) contains 300,000 units/mL. How many units would there be in 2.5 mL?

$2.5\text{mL} \times \frac{300{,}000\text{ units}}{1\text{mL}} = 750{,}000\text{ units}$

14. The preoperative order is for atropine sulfate 0.15 mg. The supply of atropine sulfate is 0.4 mg/mL. How many mL will you prepare?

$0.15\text{mg} \times \frac{1\text{mL}}{0.4\text{mg}} = 0.375\text{mL}$

15. Medication order: Atropine 0.4 mg Sub-Q now. Drug available: atropine 5 mg per 10 mL. How many mL will you administer?

$0.4\text{mg} \times \frac{10\text{mL}}{5\text{mg}} = 0.8\text{mL}$