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For each question, determine the amount to be given. Answers are given in Appendix A.

1. Order: potassium chloride 20 mEq po in juice bid
Supply: liquid in a bottle labeled 30 mEq/15 mL
 $20\text{mEq} \frac{15\text{mL}}{30\text{mEq}} = 10\text{mL}$
2. Order: syrup of Sumycin (tetracycline) 80 mg po q6h
Supply: liquid in a dropper bottle labeled 125 mg/5 mL
 $80\text{mg} \frac{5\text{mL}}{125\text{mg}} = 3.2\text{mL}$
3. Order: Inderal (propranolol) 0.02 g po bid
Supply: scored tablets labeled 10 mg
 $0.02\text{g} \frac{1000\text{mg}}{1\text{g}} \frac{1\text{tab}}{10\text{mg}} = 2\text{tablets}$
4. Order: ampicillin sodium 0.5 g po q6h
Supply: capsules of 250 mg
 $0.5\text{g} \frac{1000\text{mg}}{1\text{g}} \frac{1\text{cap}}{250\text{mg}} = 2\text{capsules}$
5. Order: Lanoxin (digoxin) 0.5 mg po every day
Supply: scored tablets of 0.25 mg
 $0.5\text{mg} \frac{1\text{tab}}{0.25\text{mg}} = 2\text{tablets}$
6. Order: Deltasone (prednisone) 40 mg po every day
Supply: liquid in a bottle labeled 5 mg/5 mL
 $40\text{mg} \frac{5\text{mL}}{5\text{mg}} = 40\text{mL}$
7. Order: Hydrodiuril (hydrochlorothiazide) 75 mg po every day
Supply: scored tablets 50 mg
 $75\text{mg} \frac{1\text{tab}}{50\text{mg}} = 1.5\text{tabs}$
8. Order: Lasix (furosemide) 40 mg po every day
Supply: scored tablets of 80 mg
 $40\text{mg} \frac{1\text{tab}}{80\text{mg}} = 0.5\text{tablets}$
9. Order: Lanoxin (digoxin) 0.125 mg po
Supply: liquid in a dropper bottle labeled 500 mcg/10 mL
 $0.125\text{mg} \frac{1000\text{mcg}}{1\text{mg}} \frac{10\text{mL}}{500\text{mcg}} = 2.5\text{mL}$
10. Order: Dilantin (phenytoin) susp 75 mg po tid
Supply: liquid in a bottle labeled 50 mg/10 mL
 $75\text{mg} \frac{10\text{mL}}{50\text{mg}} = 15\text{mL}$
11. Order: Valium (diazepam) 5 mg po q4h prn
Supply: scored tablets 2 mg
 $5\text{mg} \frac{1\text{tab}}{2\text{mg}} = 2.5\text{tablets}$
12. Order: Synthroid (levothyroxine) 0.15 mg po every day
Supply: scored tablets 300 mcg
 $0.15\text{mg} \frac{1000\text{mcg}}{1\text{mg}} \frac{1\text{tab}}{300\text{mcg}} = 0.5\text{tab}$
13. Order: Antabuse (disulfiram) 375 mg po today
Supply: scored tablets 250 mg
 $375\text{mg} \frac{1\text{tab}}{250\text{mg}} = 1.5\text{tablets}$
14. Order: Advil (ibuprofen) 0.6 g po q4h prn
Supply: film-coated tablets 300 mg
 $0.6\text{g} \frac{1000\text{mg}}{1\text{g}} \frac{1\text{tab}}{300\text{mg}} = 2\text{tablets}$
15. Order: Chlor-Trimeton (chlorpheniramine maleate) syr 1.5 mg po bid
Supply: liquid in a bottle 1 mg/8 mL
 $1.5\text{mg} \frac{8\text{mL}}{1\text{mg}} = 12\text{mL}$
16. Order: Benadryl (diphenhydramine maleate) syrup 25 mg po q4h while awake
Supply: liquid labeled 12.5 mg/5 mL
 $25\text{mg} \frac{5\text{mL}}{12.5\text{mg}} = 10\text{mL}$
17. Order: Mylicon (simethicone) liq 60 mg po in 1/2 glass H₂O
Supply: liquid in a dropper bottle labeled 40 mg/0.6 mL
 $60\text{mg} \frac{0.6\text{mL}}{40\text{mg}} = 0.9\text{mL}$
18. Order: Diuril (chlorothiazide) oral susp 0.5 g via NGT po every day
Supply: liquid labeled 250 mg/5 mL
 $0.5\text{g} \frac{1000\text{mg}}{1\text{g}} \frac{5\text{mL}}{250\text{mg}} = 10\text{mL}$
19. Order: Demerol (meperidine HCl) syrup 15 mg po q4h prn
Supply: liquid labeled 50 mg/5 mL
 $15\text{mg} \frac{5\text{mL}}{50\text{mg}} = 1.5\text{mL}$
20. Order: Vistaril (hydroxyzine) susp 50 mg q6h po
Supply: liquid labeled 25 mg/5 mL
 $50\text{mg} \frac{5\text{mL}}{25\text{mg}} = 10\text{mL}$