Directions: The medication order is listed at the beginning of each problem. Calculate the parenteral doses. Show your work. Shade the syringe when provided to indicate the correct dose.

1. The physician orders Vistaril 25 mg IM three times a day q6 h prn to enhance the effects of pain medication for your patient with a thyroidectomy. How many milliliters will you administer? ________

2. Your patient with a septoplasty complains of nausea and has promethazine 25 mg IM four times a day ordered. How many milliliters will you administer? ________
3. Your patient who has undergone tympanomastoidectomy complains of pain and has codeine 30 mg IM q2 h prn ordered. Codeine is supplied in a 1-mL ampule containing gr ¼. How many milliliters will you administer? ______

4. The physician orders Keflin 500 mg IM q6 h for your patient with a Klebsiella infection. Keflin 1 g/10 mL is available. How many milliliters will you administer? ______

5. Your patient, who has undergone medullary carcinoma excision, has hydrocortisone 50 mg IM twice a day ordered. You have hydrocortisone 100 mg/2 mL available. How many milliliters will you administer? ______

6. The physician orders Dilaudid 0.5 mg IM q4 h prn. How many milliliters will the nurse administer? ______
7. Mr. Harrison has Toradol 1.5 mg IM ordered q6 h for pain after a hip replacement. A prefilled syringe with Toradol 30 mg/mL is available. How many milliliters will the nurse administer? ____

8. The physician orders scopamine gr 1/300 IM at 0600 before surgery. How many milliliters will the nurse administer? ____

9. The physician orders Thorazine 100 mg IM stat. Thorazine is supplied in a 10-mL vial containing 2.5 mg/mL. How many milliliters will the nurse administer? ____
10. Your severely agitated patient has diazepam 2 mg IM q6 h prn ordered. How many milliliters will you administer? ______

11. Atropine 0.7 mg IM stat is ordered for your patient before surgery. You have atropine gr 1/20/mL. How many milliliters will you administer? ______

12. Your patient with a medication reaction complains of pruritus and has Benadryl 25 mg IM prn ordered. You have Benadryl 50 mg/mL available. How many milliliters will you administer? ______

13. The physician orders Depo-Medrol 50 mg IM twice a day. How many milliliters will the nurse administer? ______
14. The physician orders ampicillin 500 mg IM q4 h for a patient who has undergone lumbar laminectomy. How many milliliters will the nurse administer? ____

15. The physician orders Ancef 300 mg IV q8 h. You have Ancef 1 g/50 mL vial available. How many milliliters will you administer? ____

16. The physician orders morphine 6 mg IM q3 h prn. How many milliliters will the nurse administer? ____

17. The physician orders dexamethasone 6 mg IM stat. You have dexamethasone 10 mg/mL. How many milliliters will you administer? ____
18. Your patient with congestive heart failure has furosemide 20 mg IV daily ordered. How many milliliters will you administer? _____

19. The physician orders digoxin 0.3 mg IM now. How many milliliters will the nurse administer? _____

20. Mrs. Joyce has verapamil 5 mg IV bolus ordered to be given over 2 minutes now for dysrhythmia. Verapamil 2.5 mg/mL is supplied. How many milliliters will Mrs. Joyce receive? _____

Answers on pp. 536–539.