Nursing Foundations
Dosage Calculation
Practice Quiz

1.   250 lbs. = _____ kg (round to the first decimal)

2.   50 kg = _____ lbs.

3.   Order: amoxicillin 3 g orally every 8 hours
       Supply: amoxicillin 750 mg/5 mL (round to the nearest whole number)

       Give: ____ _____

4.   Order: vitamin K 5 mg IM stat
       Supply: vitamin K 10 mg/2mL (round to the nearest whole number)

       Give: ____ _____

5.   Order: amoxicillin 70 mg/kg/day p.o. for a patient weighing 110 pounds
       How many mg will the patient receive per day? (Round to the nearest whole number)

       Give _____

6.   Order: heparin 5,000 units SQ stat
       Supply: heparin 10,000 units /mL (round to the first decimal)

       Give: _____

7. Order: lanoxin 0.25 mg orally daily
   Supply: lanoxin 0.125 mg tablets (round to the nearest whole number)

   Give: _____

8. Order: ceftriaxone 1g orally every 6 hours
   Supply: ceftriaxone 500mg /2 mL (round to the nearest whole number)

   Give: _____

9. Order: hydroxyzine 40 mg IM stat
   Supply: hydroxyzine 50 mg /mL (round to the first decimal)

   Give: _____

10. Order: tobramycin sulfate 75 mg IVPB every 8 hours
    Supply: tobramycin sulfate 40 mg/mL (round to the first decimal)

    Give: _____

11. Order: carbamazepine 0.2 g orally three times daily
    Supply: carbamazepine 100 mg tablets (round to the nearest whole number)

    Give: _____

12. Order: gabapentin 0.1 g capsules orally three times daily

Supply: gabapentin 100 mg capsules (round to the nearest whole number)

Give: _____

13.   Order: oxacillin sodium 0.25 g orally every 8 hours
      Supply: oxacillin sodium 125 mg/2.5 mL (round to the nearest whole number)

      Give: _____

14.   Order: Zyvox 0.6 g orally every 12 hours
      Supply: Zyvox 100 mg /5 mL (round to the nearest whole number)

      Give: _____

15.   Order: acetaminophen 0.325 g orally every 4 hours prn headache
      Supply: acetaminophen 325 mg/5 mL (round to the nearest whole number)

      Give: _____

16.   Order: morphine sulfate 10 mg SQ stat
      Supply: morphine sulfate 8 mg/mL (round to the first decimal)

      Give: _____

17.   Order: nabumetone 0.2 g orally bedtime
      Supply: nabumetone 200 mg capsules (round to the nearest whole number)

Give: _____

18.   Order: chlordiazepoxide 25 mg IM stat
       Supply: chlordiazepoxide 100 mg /2 mL (round to the first decimal)

       Give: _____

19.   Order: diazepam 7.5 mg IV stat
       Supply: diazepam 10 mg/2 mL (round to the first decimal)

       Give: _____

SEE KEY BELOW

Nursing Foundations
Dosage Calculation
Practice Quiz

1.   250 lbs. = _____113.6_____ kg (round to the first decimal)

2.   50 kg = _____110_____ lbs.

3.   Order: amoxicillin 3 g orally every 8 hours
      Supply: amoxicillin 750 mg/5 mL (round to the nearest whole number)

      Give: _____20 ml_____

4.   Order: vitamin K 5 mg IM stat
      Supply: vitamin K 10 mg/2mL (round to the nearest whole number)

      Give: _____1 ml_____

5.   Order: amoxicillin 70 mg/kg/day p.o. for a patient weighing 110 pounds
      How many mg will the patient receive per day? (Round to the nearest whole number)

      Give ____3500 mg/day_____

6.   Order: heparin 5,000 units SQ stat
      Supply: heparin 10,000 units /mL (round to the first decimal)

      Give: ____0.5 ml_____

7. Order: lanoxin 0.25 mg orally daily
   Supply: lanoxin 0.125 mg tablets (round to the nearest whole number)

   Give: _____2 tablets_____

8. Order: ceftriaxone 1g orally every 6 hours
   Supply: ceftriaxone 500mg /2 mL (round to the nearest whole number)

   Give: _____4 ml_____

9. Order: hydroxyzine 40 mg IM stat
   Supply: hydroxyzine 50 mg /mL (round to the first decimal)

   Give: _____0.8 ml_____

10. Order: tobramycin sulfate 75 mg IVPB every 8 hours
    Supply: tobramycin sulfate 40 mg/mL (round to the first decimal)

    Give: _____1.9 ml_____

11. Order: carbamazepine 0.2 g orally three times daily
    Supply: carbamazepine 100 mg tablets (round to the nearest whole number)

    Give: _____2 tablets_____

12. Order: gabapentin 0.1 g capsules orally three times daily

Supply: gabapentin 100 mg capsules (round to the nearest whole number)

Give: _____1 capsule_____

13. Order: oxacillin sodium 0.25 g orally every 8 hours
     Supply: oxacillin sodium 125 mg/2.5 mL (round to the nearest whole number)

Give: _____5 ml_____

14. Order: Zyvox 0.6 g orally every 12 hours
     Supply: Zyvox 100 mg /5 mL (round to the nearest whole number)

Give: _____30 ml_____

15. Order: acetaminophen 0.325 g orally every 4 hours prn headache
     Supply: acetaminophen 325 mg/5 mL (round to the nearest whole number)

Give: _____5 ml_____

16. Order: morphine sulfate 10 mg SQ stat
     Supply: morphine sulfate 8 mg/mL (round to the first decimal)

Give: _____1.3 ml_____

17. Order: nabumetone 0.2 g orally bedtime
     Supply: nabumetone 200 mg capsules (round to the nearest whole number)

Give: _____1 capsule_____

18.   Order: chlordiazepoxide 25 mg IM stat
       Supply: chlordiazepoxide 100 mg /2 mL (round to the first decimal)

       Give: _____0.5 ml_____

19.   Order: diazepam 7.5 mg IV stat
       Supply: diazepam 10 mg/2 mL (round to the first decimal)

       Give: _____1.5 ml_____