

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

KEY

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