

Dosage Calculations Using Ratio-Proportions

Use the ratio-proportion method to calculate the amount you will prepare for **EACH DOSE** and for the **whole regimen**. You should have 2 answers per problem.

1. Order: Premarin 1.25 mg p.o. q.d.
Supply: Premarin 0.625 mg tablets
Give: _____ tablet(s)
2. Order: Tagamet 150 mg p.o. q.i.d. c meals & h.s.
Supply: Tagamet liquid 300 mg per 5 ml
Give: _____ ml
3. Order: Thiamine 80 mg IM stat
Supply: Thiamine 100 mg per 1 mL
Give: _____ mL
4. Order: Demerol 35 mg IM q.4h p.r.n.
Supply: Demerol 50 mg per 1 mL
Give: _____ mL
5. Order: Lithium 12 mEq p.o. t.i.d.
Supply: Lithium 8 mEq per 5 mL
Give: _____ mL
6. Order: Ativan 2.4 mg IM h.s. p.r.n.
Supply: Ativan 4 mg per 1 mL
Give: _____ mL
7. Order: Prednisone 7.5 mg p.o. q.d
Supply: Prednisone 5 mg (scored) tablets
Give: _____ tablet(s)
8. Order: Hydrochlorothiazide 30 mg p.o. b.i.d.
Supply: Hydrochlorothiazide 50mg/5mL
Give: _____ mL
9. Order: Theophylline 160 mg p.o. q6h
Supply: Theophylline 80 mg per 15 mL
Give: _____ mL
10. Order: Tofranil 20 mg IM h.s.
Supply: Tofranil 25 mg per 2 mL
Give: _____ mL

11. Order: Indocin 15 mg p.o. tid.
Supply: Indocin Suspension 25 mg/5 ml
Give: _____ mL

12. Order: Ativan 2 mg IM 2 h pre-op
Supply: Ativan 4 mg per mL
Give: _____ mL

13. Order: Luminal gr ss p.o. tid.
Supply: Phenobarbital (Luminal) 15 mg tablets
Give: _____ tablet(s)

14. Order: Diabinese 125 mg p.o. q.d.
Supply: Diabinese 250 mg tablets
Give: _____ of the mg tablet(s)

15. Order: Thorazine 60 mg IM stat
Supply: Thorazine 25 mg per mL
Give: _____ mL

16. Order: Synthroid 0.15 mg p.o. q.d.
Supply: Synthroid 75 mcg tablets
Give: _____ tablet(s)

17. Order: Choleldyl Elixir 160 mg p.o. q.6h
Supply: 100 mg per 5 ml
Give: _____ mL

18. Order: Solu-Medrol 100 mg IV q.6h
Supply: Methylprednisolone (Solu-Medrol) 80 mg per mL
Give: _____ mL

19. Order: Prolixin Elixir 8 mg p.o. q.8h
Supply: Prolixin Elixir 2.5 mg per 5 mL
Give: _____ mL

20. Order: Trimox 350 mg p.o. q.8h
Supply: Amoxicillin (Trimox) 250 mg per 5 mL
Give: _____ mL