

Boston Reed
Pharmacy Technician Training Program
Week #13 Practice Problems
Dosage Calculations Using Ratio-Proportions

Use the ratio-proportion method to calculate the amount you will prepare for each dose.

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. \overline{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

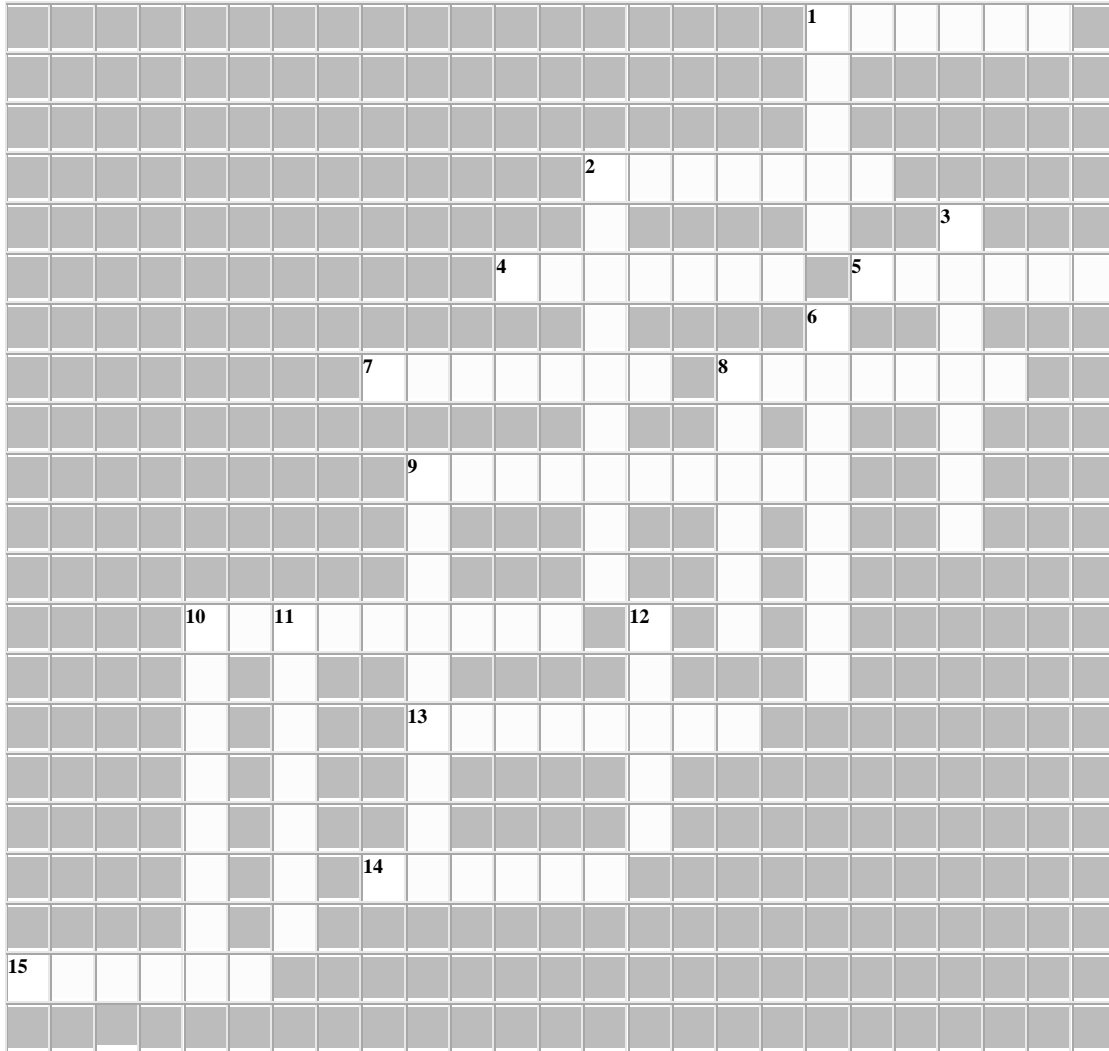
10. Order: *Tofranil 20 mg IM h.s.*
Supply: Tofranil 25 mg per 2 mL
Give: _____ mL
11. Order: *Indocin 15 mg p.o. t.i.d.*
Supply: Indocin Suspension 25 mg/5 ml
Give: _____ mL
12. Order: *Ativan 2 mg IM 2 h pre-op*
Supply: Ativan 4 mg per mL
Give: _____ mL
13. Order: *Luminal gr ss p.o. t.i.d.*
Supply: Phenobarbital (Luminal) 15 mg tablets
Give: _____ tablet(s)
14. Order: *Diabinese 125 mg p.o. q.d.*
Supply: Diabinese 100 mg or 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: *Cholesteryl 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

WK 13 BRAND & GENERIC DRUGS CROSSWORD PUZZLE (TABLE 4-21)

Name _____

Date _____

Complete the puzzle.



Down

1. Gemfibrozil
2. Metoprolol
3. Cefoxitin
6. Clonazepam
8. Ibuprofen
9. Glyburide
10. Thioridazine
11. Ketoconazole
12. Furosemide

Across

1. Amitriptyline HCl
2. Digoxin
4. Atorvastatin
5. Hydrochlorothiazide
7. Cefdinir
8. Simethicone
9. Nystatin
10. Prazosin
13. Naproxen sodium
14. Tobramycin
15. Rizatriptan