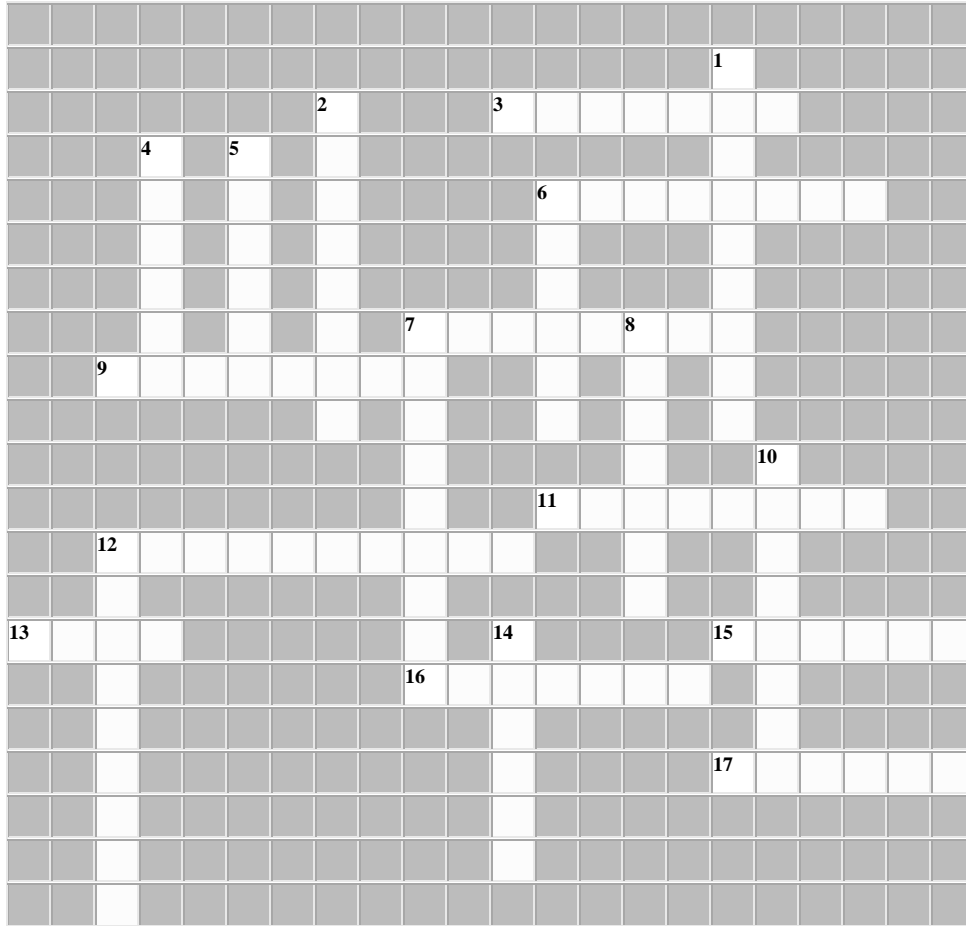


WK17 BRAND & GENERIC DRUGS CROSSWORD PUZZLE (TABLE 4-21)

Name _____

Date _____

Complete the puzzle.



Down

1. Ampicillin, oral
2. Pyrazinamide
4. Tetrahydrozoline, HCl, nasal
5. Remifentanyl HCl
6. Tobramycin
7. Hydrocortisone, Topical
8. Cloxacillin sodium
10. Imipramine
12. Tamoxifen citrate
14. Clemastine fumarate

Across

3. Acetaminophen
6. Perphenazine
7. Carbamazepine
9. Trimethobenzamide HCl
11. Methimazole
12. Oxytetracycline HCl
13. Calcium carbonate
15. Pentazocine
16. Artificial tears solution
17. Tramadol

Boston Reed
Pharmacy Technician Training Program
Week #17 Practice Problems

Dosage Calculations Practice

Problem

Compute the amount of medication that will be given to administer one dose of the following medication orders by using a proportion to obtain your answers.

Assume all tablets are scored, when necessary. Round all parenteral administration orders that are over 1 mL to one decimal place. Round all parenteral administration orders under 1 mL to two decimal places. Do not include zeros at the end of decimal numbers.

The problems and drug orders are presented for practice only, and actual prescribed dosages will vary according to a patient's age, condition, reaction, additional medications, and other factors.

1. Order: Axid 0.3 g p.o. at h.s.
Supply: Axid 150 mg capsules
Give: _____ capsules
2. Order: Dilantin 25 mg p.o. t.i.d.
Supply: Dilantin chewable 50 mg tablets
Give: _____ tablet(s)
3. Order: Amoxil 125 mg p.o. q.8h
Supply: Bottle of Amoxil (powdered medication) with the instructions to add 12 mL of water to obtain a pediatric oral suspension of 50 mg/mL
Give: _____ mL
4. Order: Amoxil 0.25 g p.o. q.8h
Supply: 80 mL bottle of reconstituted Amoxil oral suspension, 125 mg/5 mL
Give: _____ mL or _____ teaspoons
5. Order: Augmentin 375 mg p.o. q.8h
Supply: 75 mL bottle of reconstituted Augmentin, 250 mg/5 mL
Give: _____ mL
6. Order: Biaxin 500 mg p.o. q.12h
Supply: Biaxin oral suspension, reconstituted to 250 mg per 5 mL
Give: _____ mL or _____ teaspoons
7. Order: Ceclor 300 mg p.o. q.8h
Supply: Ceclor reconstituted oral suspension, 375 mg/5 mL
Give: _____ mL
8. Order: Klonopin 500 mcg p.o. t.i.d.
Supply: Bottle of 100 tablets of Klonopin, 0.5 mg per tablet
Give: _____ tablet(s)

Dosage Calculations Practice (continued)

9. Order: phenobarbital gr ss p.o. b.i.d.
Supply: phenobarbital elixir 15 mg per 5 mL
Give: _____ mL
10. Order: nitroglycerin gr $\frac{1}{100}$ SL stat
Supply: 0.4 mg and 0.6 mg tablets
Give: _____ tablet, give _____ tablet(s)
11. Order: vitamin B₁₂ 100,000 U IM q.d. for 3 days
Supply: 2 mL vial of vitamin B12 with 50,000 U/mL
Give: _____ mL
12. Order: thiamine HCl 20 mg IM t.i.d.
Supply: 10 mL multiple dose vial of vitamin B1 (thiamine HCl) 100 mg/mL
Give: _____ mL
13. Order: ascorbic acid 150 mg IM q.d.
Supply: 2 mL ampule of vitamin C (ascorbic acid) 250 mg/mL
Give: _____ mL
14. Order: heparin 7500 U SC q.8h
Supply: heparin 10,000 U/mL
Give: _____ mL
15. Order: prednisolone acetate 35 mg IM q.d.
Supply: 10 mL multiple dose vial of prednisolone acetate with a supply dosage of 50 mg/mL
Give: _____ mL
16. Order: methylprednisolone acetate 100 mg IM once per week
Supply: methylprednisolone acetate suspension, 80 mg/mL
Give: _____ mL

Boston Reed
Pharmacy Technician Training Program
Week 17 Handout for Week 20 Research Assignment

Week 20 Research Assignment

After choosing a package insert for a drug, utilize the sources available to compose a brief research paper about that drug. Please address the following topics:

- What company makes this drug and how can we get in touch with them?
- Is this drug a brand or generic? If it is a brand name drug, is there a generic version available?
- How many other drugs are in the same class as the drug you picked?
- Compare your drug with at least 2 other drugs in the same class.
 - How do they compare in price?
 - What would a month supply of your drug cost a person?
- What does your drug look like?
- Include at least one interesting fact about your drug pertaining to any topic.

The paper should be roughly one page. Site your references and discuss what was the most helpful. You may be asked to present it to your class as an oral presentation. Be ready for questions from your classmates.