

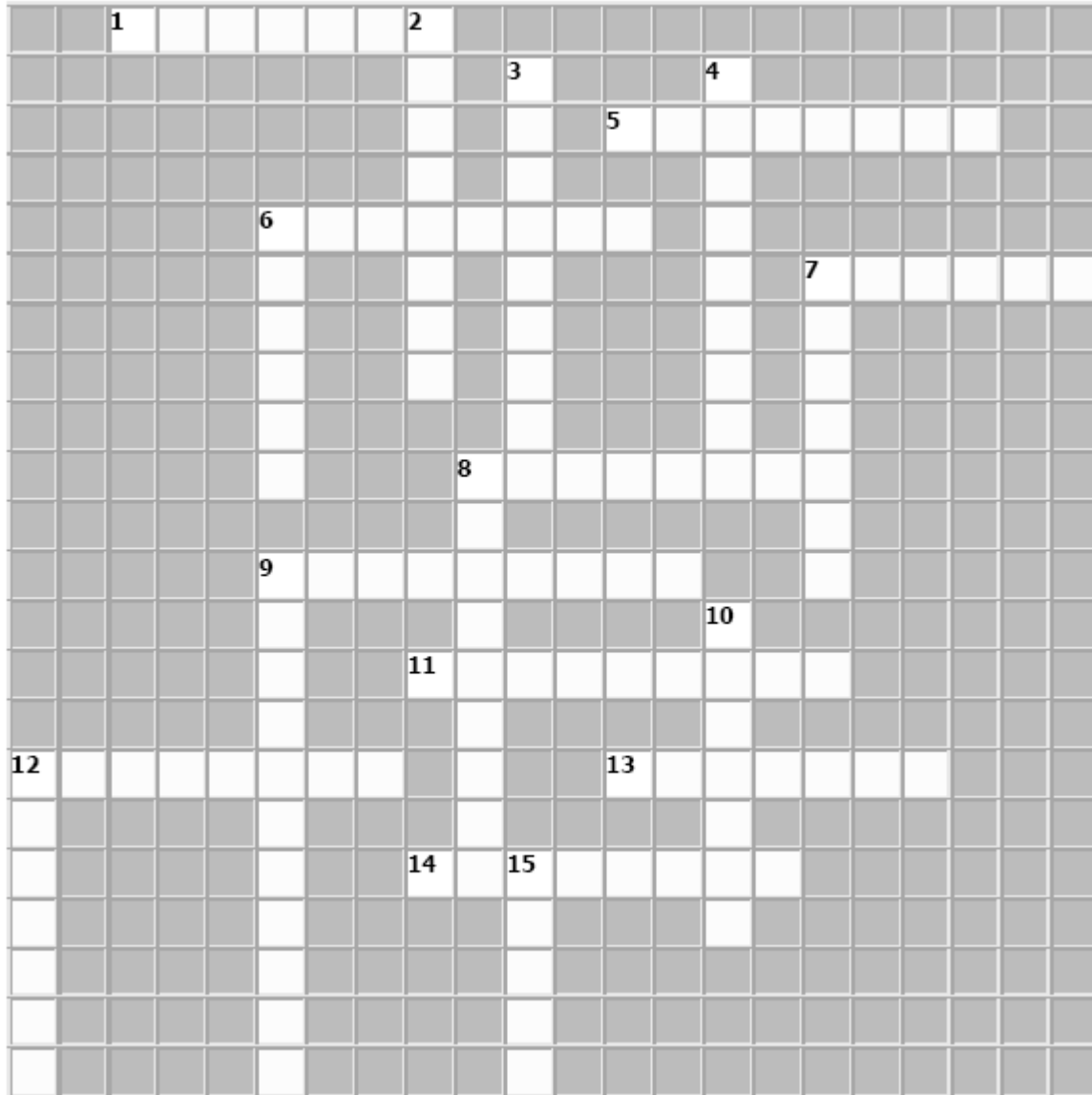


**WK 6 BRAND & GENERIC DRUGS CROSSWORD PUZZLE (TABLE 4-21)**

Name \_\_\_\_\_

Date \_\_\_\_\_

Complete the puzzle.



**Down**

- 2. Warfarin
- 3. Prednisone
- 4. Dimenhydrinate
- 6. Benzphetamine HCl
- 7. Glyburide (2 words)
- 8. Chlorpropamide
- 9. Digitoxin
- 10. Meperidine
- 12. Nadolol
- 15. Ciprofloxacin

**Across**

- 1. Misoprostol
- 5. Fenoldopam
- 6. Phenytoin
- 7. Acetazolamide
- 8. Valproic acid
- 9. Prochlorperazine
- 11. Betamethasone
- 12. Loratadine
- 13. Clindamycin
- 14. Dexamethasone

# PRACTICE PROBLEMS

## Chapter 16

### Week 6

#### Ratios and Proportions

1.  $15:q :: 5:7$

2.  $\frac{g}{4} = \frac{3}{6}$

3.  $52:12 :: a:3$

4.  $\frac{7}{5} = \frac{n}{10}$

5.  $\frac{10}{e} = \frac{15}{24}$

6.  $21:6 :: 14:s$

7.  $\frac{3}{h} = \frac{4}{12}$

8.  $\frac{m}{36} = \frac{24}{27}$

9.  $5:3 :: 15:u$

10.  $\frac{3}{2} = \frac{12}{c}$

11.  $f:15 :: 4:5$

12.  $\frac{17}{z} = \frac{153}{36}$

13.  $\frac{147}{v} = \frac{315}{45}$

14.  $602:21 :: r:36$

15.  $\frac{112}{136} = \frac{70}{k}$

16.  $\frac{p}{114} = \frac{72}{171}$

17.  $\frac{59}{b} = \frac{118}{28}$

18.  $j:36 :: 676:52$

19.  $\frac{70}{350} = \frac{w}{225}$

20.  $\frac{25}{x} = \frac{70}{924}$

# PRACTICE PROBLEMS

## Chapter 16

### Week 6

#### Ratios and Proportions - PERCENTAGES

DIRECTIONS: Perform the indicated operation round decimals to hundredths place.

1. What is 0.25% of 520? \_\_\_\_\_

2. What is 40% of 140? \_\_\_\_\_

3. What is 3% of 889? \_\_\_\_\_

4. What percent of 20 is  $\frac{3}{5}$ ?  
\_\_\_\_\_

5. What percent of 5.4 is 1.2? \_\_\_\_\_

6. 8 ounces are 64% of what total number of ounces?  
\_\_\_\_\_

7.  $2\frac{1}{2}$  teaspoons are 10% of what total number of teaspoons?  
\_\_\_\_\_

8. 100 pills are 10% of what total number of pills?  
\_\_\_\_\_

9. The human body is made up of 206 bones. What percent of the bones of the body are:

A. the 24 rib bones? \_\_\_\_\_ B. the 38 foot bones? \_\_\_\_\_

10. Table salt (sodium chloride) is 40% sodium by weight. If a box of salt weighs 18 ounces, how much sodium is in the box of salt?  
\_\_\_\_\_

11. A portion of meat totaling 125 grams contains 25 grams of protein and 6 grams of fat. What percent of the portion is: (A) protein? \_\_\_\_\_ (B) fat?  
\_\_\_\_\_

12. You took a test that contained 150 questions and you correctly answered 31 questions. What is your score as a percent?  
\_\_\_\_\_

13. To work off 90 calories, Angie must walk for 27 minutes. How many minutes would she need to walk to work off 200 calories?

\_\_\_\_\_

14. A multivitamin tablet provides 28.75 milligrams of a certain vitamin for which the recommended daily allowances (RDA) is 60 milligrams. What percent of the RDA is supplied by the tablet?

\_\_\_\_\_

15. An 80 gram tube of ointment contains 1.75 grams of a certain drug. What percent of the total weight of the ointment is the drug?

\_\_\_\_\_

16. A label on a dinner roll wrapper reads "2.7 grams of fiber per  $\frac{3}{4}$  ounce of serving." If you eat 1.5 ounces of dinner rolls, how many grams of fiber will you consume?

\_\_\_\_\_

17. A patient received an intravenous medication at a rate of 6.75 milligrams per minute. After 42 minutes, how much medication had he received?

\_\_\_\_\_

18. Mrs. Brown tells you she thinks her 3-day-old baby has lost too much weight. The baby weighed  $6\frac{1}{2}$  pounds at birth and lost  $\frac{1}{2}$  pound. What percent of the birth weight has the baby lost?

\_\_\_\_\_

19. The cost of a certain medication is expected to decrease by 17% next year. If the cost is \$12.56 now, how much would you expect it to cost at this time next year?

\_\_\_\_\_

20. A patient is to be started on 150 milligrams of a medication and then decreased by 10% of the original dose for each dose until he is receiving 75 milligrams. When he takes his 75 milligrams dose, how many total doses will he have taken? HINT: Be sure to count his first (150 milligrams) and last (75 milligrams) doses.

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