

Read each question and choose the best answer.

1. The seventh grade class at Miami-Shores Middle School had to write an essay. Betsy wrote one with a hundred sixty-eight words, Sam wrote one with a hundred twenty-eight words, Bill wrote one with a hundred fifty-two words, Susanne wrote one with a hundred fifty-six words, and Jake wrote one with a hundred ninety-five words. What was the average number of words on all of the five essays?
- A. 380
B. 160
C. 156
D. 799
2. The chart below shows the number of cars parked at the beach parking lot on 4 consecutive dates. On July 5th there is a drop of 37% of the total cars parked for all four of the previous days. How many cars will be parked on the 5th of July?

Beach Parking Lot

Date	Number of Cars
July 1	200
July 2	300
July 3	350
July 4	550

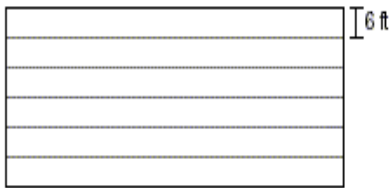
- A. 530
B. 787
C. 518
D. 882

3. The cost for 50 bananas at the Sam's grocery store is \$10. If Sara wants to purchase only one banana, how much will it cost?
- A. 10 cents
B. 40 cents
C. 30 cents
D. 20 cents
4. Mr. Rochman bought his wife $3\frac{1}{2}$ dozen white roses, which cost \$22.80 per dozen. How much did the white roses cost?
- A. \$68.40
B. \$77.40
C. \$79.80
D. \$89.80
5. Dolly worked at a toy store during her summer vacation from college. She earned \$950.40 by working a total of 90 hours over a 15-day period. What was her average hourly rate of pay?
- A. \$7.04
B. \$9.05
C. \$10.56
D. \$63.36
6. Carolyn bought 8 yards of cotton fabric at the regular price and 19 yards of the same fabric on sale. She needs $2\frac{1}{4}$ yards of the fabric to make 1 costume for the school play. Which expression could Carolyn use to determine how many costumes she could make with the fabric she purchased?
- A. $(19 - 8) \times 2\frac{1}{4}$
B. $(8 + 19) \div 2\frac{1}{4}$
C. $(19 \times 2\frac{1}{4}) + 8$
D. $(19 - 2\frac{1}{4}) + (8 - 2\frac{1}{4})$

Subskill # 9

Word Problems I

7. A recipe that makes 18 cookies calls for $\frac{3}{4}$ cup of sugar. How much sugar is needed to make 2 dozen cookies using this recipe?
- A. $\frac{3}{8}$ c
 B. 1 c
 C. $1\frac{1}{3}$ c
 D. $1\frac{1}{2}$ c
8. Unleaded gasoline costs \$1.19 $\frac{9}{10}$ per gallon. Mrs. Williams bought 8.141 gallons of unleaded gasoline. Which is the best estimate of the total cost of Mrs. William's purchase?
- A. \$5
 B. \$6
 C. \$10
 D. \$16
9. The Miami Shores swimming pool is $2\frac{1}{2}$ times as long as it is wide. There are 6 swimming lanes running the length of the pool. Each lane is 6 feet wide. What is the length of the pool?



- A. 30 ft.
 B. 36 ft.
 C. 51 ft.
 D. 90 ft.
10. A package of 40 miniature Hershey bars contains a total of 700 calories. Each candy bar contains the same number of calories. How many calories does each candy bar contain?
- A. 1.75 cal
 B. 5.71 cal
 C. 17.5 cal
 D. 57.1 cal

11. Mr. Ayres started a 6-week exercise program. The first week he jogged 1 mile each day, the second week he jogged $1\frac{1}{4}$ miles each day, and the third week he jogged $1\frac{1}{2}$ miles each day. If the pattern continues, how far will he jog each day of the sixth week?
- A. $1\frac{1}{4}$ mi
 B. $2\frac{1}{4}$ mi
 C. 4 mi
 D. $5\frac{3}{4}$ mi
12. A storm brought more than 2 inches of snow to 4 different towns. The chart shows the amount of snow each town received. Which list shows the towns in order from the greatest amount of snow received to the least amount of snow received?

Town	Number of Inches
Pleasantville	$2\frac{5}{8}$
New York	$2\frac{7}{10}$
Chicago	$2\frac{1}{2}$
Tallahassee	$2\frac{3}{4}$

- A. Chicago, Pleasantville, New York, Tallahassee
 B. Tallahassee, Chicago, Pleasantville, New York
 C. New York, Pleasantville, Tallahassee, Chicago
 D. Tallahassee, New York, Pleasantville, Chicago

Subskill # 9**Word Problems I**

13. Jane's Tailoring charges between \$8.25 and \$10.50 to hem a pair of pants. Last week customers spent \$525 on this service. Which could be the number of pairs of pants hemmed at Jane's Tailoring last week?
- A. 56
 - B. 66
 - C. 82
 - D. 83
14. Larry wants to enlarge a photograph to make a poster. The photograph has a width of 4 inches and a length of 6 inches. If the poster is to be 30 inches wide, how long will it be?
- A. 45 in.
 - B. 32 in.
 - C. 24 in.
 - D. 40 in.
15. The 3 cities with the greatest annual rainfall are Leesburg, with 105.18 inches; Denver, with 66.4 inches; and Columbus, with 65.71 inches. What is the total annual rainfall in these 3 cities?
- A. 226.29 in.
 - B. 236.29 in.
 - C. 237.29 in.
 - D. 237.92 in.

16. Debbie has made a cake and frosted the top and all sides but not the bottom of the cake. She cuts the cake into 9 pieces. How many pieces are frosted on only three sides?



- A. 3
 - B. 2
 - C. 4
 - D. 5
17. Education Today stock sold for $13\frac{1}{8}$ on the stock market. The stock went up $3\frac{1}{2}$ points. What does the stock sell for now?
- A. $16\frac{5}{8}$
 - B. $16\frac{2}{5}$
 - C. $16\frac{2}{11}$
 - D. $16\frac{1}{5}$
18. Tallahassee's annual tennis championship is only a week away and the coach knows she must buy tennis balls. The balls are sold in cans of 3. If she bought 483 tennis balls, how many cans did she buy?
- A. 163
 - B. 161
 - C. 151
 - D. 121
19. Jacoby Company published 110 books last year, and 8 of them became best sellers. Which best represents the percent of books the company published last year that did NOT become best sellers?
- A. 7%
 - B. 8%
 - C. 93%
 - D. 102%

Subskill # 9**Word Problems I**

20. Renee's car gets 27.5 miles per gallon of gas. How far can Renee drive if she uses 15 gallons of gas?
- A. 412.5 mi
 - B. 137.5 mi
 - C. 302.5 mi
 - D. 380.5 mi

Subskill # 9**Word Problems I****Answer Key**

1. B
2. D
3. D
4. C
5. C
6. B
7. B
8. C
9. D
10. C
11. B
12. D
13. A
14. A
15. C
16. C
17. A
18. B
19. C
20. A