

Read each question and choose the best answer.

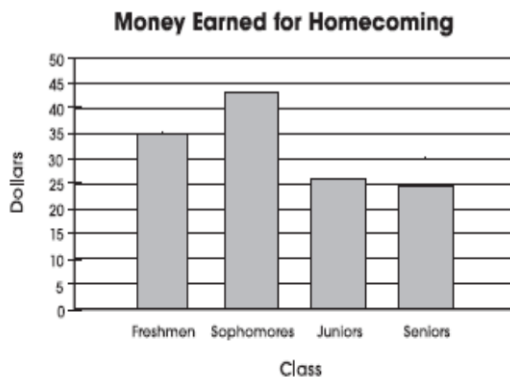
1. An airplane flying at an altitude of 32,000 feet descends at a rate of 1,300 feet per minute. If the plane descends for 15 minutes, what would its altitude be in feet?

A. 10,000 ft.  
B. 12,500 ft.  
C. 19,000 ft.  
D. 19,500 ft.

2. The angle of the roof on Wendy's dollhouse is  $56^\circ$ . She built a scale model of the dollhouse with a scale ratio of 1:4. What is the measure of the angle of the roof of the model she built?

A.  $14^\circ$   
B.  $34^\circ$   
C.  $56^\circ$   
D.  $224^\circ$

3. The students at Miami Senior High School are raising money for homecoming. The graph shows the amount of money each class has raised so far. About what percentage of the money raised did the sophomore class earn?



A. 25%  
B. 33%  
C. 43%  
D. 50%

4. A parking garage charges \$1.50 for the first hour and \$0.75 for each additional hour or part of an hour. How much will it cost to park in the garage for 6 1/2 hours?

A. \$5.63  
B. \$8.99  
C. \$6.90  
D. \$6.00

5. A coat that regularly costs \$152.98 is on sale for 25% off. The sales tax is  $8\frac{1}{4}\%$ . What is the total cost of the coat rounded to the nearest dollar?

A. \$124  
B. \$120  
C. \$128  
D. \$122

6. Over the last 5 days, you made the following number of plastic card sales calls: 9, 5, 8, 7, and 7. On the average, how many calls did you make each day?

A. 5.8  
B. 7.0  
C. 7.2  
D. 6.3

7. James is choosing between two brands of batteries for his Walkman. A package of three ABC batteries costs \$5.50, and a package of three XYZ batteries costs \$3.85. What percent of the cost of ABC batteries did James save by buying a package of XYZ batteries?

A. 43%  
B. 52%  
C. 30%  
D. 38%

**Subskill # 9****Word Problems II**

8. Sue, George and Tony decided to equally share the cost of a present for their friend Simon. Sue spent \$7, George spent \$3, and Tony spent \$2. How much did each person pay the others so that everyone spent the same amount?
- A. Each person's share is \$3.50
  - B. Each person's share is \$3.00
  - C. Each person's share is \$4.50
  - D. Each person's share is \$4.00
9. At Woolies Restaurant, a customer gets a free lunch after paying for 6. Betsy ate lunch at Woolies 50 times last year. How many of those lunches were free?
- A. 10
  - B. 7
  - C. 5
  - D. 12
10. St. John Junior High was having field day. Brian and Debbie decided to participate in the long jump. Debbie jumped  $4\frac{7}{12}$  feet and Brian jumped  $3\frac{1}{6}$  feet. How much farther did Debbie jump than Brian?
- A.  $1\frac{2}{6}$  ft.
  - B.  $1\frac{3}{8}$  ft.
  - C.  $1\frac{7}{12}$  ft.
  - D.  $1\frac{5}{12}$  ft.
11. Marian has a custard recipe that requires 1 cup of sugar, 6 eggs, 3 cups of milk, and 1 teaspoon of vanilla. But she has only 4 eggs. She decides to adjust the recipe to the 4 eggs. How much milk will she need?
- A. 2 c
  - B. 3 c
  - C. 1 c
  - D. 4 c
12. Barry University's parking garage charges \$1.50 for the first hour and \$0.75 for each additional hour or part of an hour, for all visitors. How much will it cost Jane to park in the garage for  $6\frac{1}{2}$  hours and visit her daughter?
- A. \$6.25
  - B. \$6.00
  - C. \$6.75
  - D. \$6.50
13. Alberta worked at a department store during her winter 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. \$63.36
  - D. \$10.56
14. There were 30 cookies on a platter for 9 children. If each child ate the same number of whole cookies, how many whole cookies did each child eat?
- A. 3
  - B. 4
  - C. 5
  - D. 2
15. Alex bought lemons that were priced at 2 lemons for 18¢. What was the total cost of 5 lemons?
- A. 28¢
  - B. 36¢
  - C. 45¢
  - D. 90¢

16. Each Sunday through Saturday this summer, Anita rode her bike to and from work. Each round trip was 13 kilometers. Her friend Jimmy rode his bike 18 kilometers each day but only for exercise to lose weight. How much further than Anita did Jimmy ride his bike each week?
- A. 42
  - B. 30
  - C. 35
  - D. 38
17. Jimmy Johnson owns a building that is thirteen stories high. Each even numbered floor has 6 apartments and each odd numbered floor has 5 apartments. If Mr. Johnson has 35 apartments rented, how many more does he need to rent to have his building full of tenants?
- A. 33
  - B. 36
  - C. 38
  - D. 35
18. Ms. Calloway bought 12 pounds of pottery clay for \$18. If she used 1 pound of clay for each of the pots that she made, what was the cost of the clay for 1 pot?
- A. \$0.66
  - B. \$1.50
  - C. \$2.16
  - D. \$3.00
19. An airplane flew at a constant speed for 2 hours and traveled a distance of 950 miles. Which is the best estimate of the number of miles the airplane flew in 3.2 hours?
- A. 1400 miles
  - B. 1600 miles
  - C. 1700 miles
  - D. 1500 miles
20. Justin's family usually drinks 2.5 gallons of milk each week. At this rate, about how many gallons of milk will Justin's family drink in 6 months?
- A. 30 gallons
  - B. 40 gallons
  - C. 50 gallons
  - D. 60 gallons

**Answer Key**

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