

14. The Tigers have a ratio of 5 to 4. If the team continues winning at the same rate, how many games will the Tigers win in a 72-game season?
- A. 20
 - B. 40
 - C. 37
 - D. 52

- many regular customers as she had six months ago. How many regular customers does Sandra have now?
- A. 121
 - B. 90
 - C. 66
 - D. 25

15. A television station called 400 adults and asked the following question: "Do you approve of the governor's new education program?" The table below shows the results of the survey:

Response	Percent
Undecided	16%
Yes	32%
No	52%

Of the people called, how many did NOT answer "no"?

- A. 64
- B. 128
- C. 192
- D. 208

16. The price of a carton of computer paper decreased from \$25 to \$20. What was the percent decrease in the price?
- A. 80%
 - B. 50%
 - C. 20%
 - D. 5%

18. If 1 gram of fat equals 9 calories, what percent of the calories in a Munchies roast beef sandwich come from fat?

Munchies Sandwich Facts		
Sandwich	Fat (grams)	Calories
Roast Beef	6	300
Club Classic	5	335

- A. 2%
- B. 3%
- C. 6%
- D. 18%

19. For every \$8 in their budget, the Parks spend \$3 on food. If their weekly budget is \$704, how much do they spend on food each week?

- A. \$88
- B. \$192
- C. \$235
- D. \$264

20. Suddeth Travel estimates that 80% of its employees have more than 12 days of unused sick leave. If 140 employees have more than 12 days of unused sick leave, how many employees work at the agency?

- A. 112
- B. 164
- C. 175
- D. 700

ong. How long, in feet, is the remaining piece? 24.5.2.

A. $8\frac{3}{4}$
B. $7\frac{1}{2}$
C. $6\frac{1}{2}$
D. 5

At Wyman Shipping, 140 employees work during the day shift. At night, the crew is $\frac{2}{5}$ the size of the day shift. How many workers are scheduled to work the night shift?

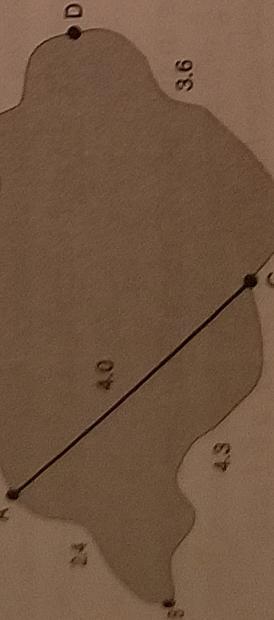
A. 28
B. 56
C. 70
D. 94

Luis bought 20 shares of stock, priced at \$26.38 per share. He also paid an \$8 transaction fee. How much did he pay?

- A. \$687.60
B. \$535.60
C. \$527.60
D. \$519.60

A mat board is 60 inches wide. How many strips measuring 0.75 inches wide can be cut from the board? (Assume no waste from the cuts.)

Write your answer on the line below.



The map below shows the distance, in miles, between four stores.

Question 25 refers to the following map.

Maya drives a van that delivers supplies to each of the stores. On Friday, she traveled the following route.

- Store A to Store B
Store B to Store C
Store C to Store D
Store D to Store C
Store C to Store A

How many miles did she drive in all?

- A. 13.9
B. 15.1
C. 17.9
D. 19.1

Answers and explanations begin on page 664.

Total Acreage: 40,000	
Use	Number of Acres
Grass	22,000
Dairy	3,600
Nursery/greenhouse	5,200
Vegetables/fruits	9,200
Grains	

8. What percent of Ford County farmland is used for the growing of grains, vegetables, or fruits?
- A. 23%
B. 36%
C. 57%
D. 64%
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9. One dairy farmer in Ford County is considering selling her farm to developers, who will convert it from a dairy farm to a resort. If this happens, the amount of farmland devoted to dairy in Ford County will decrease by 20%. How many acres of farmland will Ford County then have if the dairy farmer decides to sell?

- A. 35,600
B. 32,000
C. 17,600
D. 4,400
-

- A. 7.5
B. 10
C. 15.625
D. 20
-

12. A local hospital currently has 184 male patients. If the ratio of male to female patients is 4:3, how many female patients are there in the hospital?
- Write your answer on the line below.
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13. A newspaper advertisement contains the following information.

Busy Body Fitness Center	
Inventory Reduction Blowout!	
All sale prices are 20% off original price!	
Equipment	Sale Price
Treadmill	\$1512
Upright bike	\$720
Home gym	\$3148

- In dollars, what was the original price of the upright bike?
- Write your answer on the line below.
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10. A serving of peanut butter contains 3 grams of saturated fat and 13 grams of unsaturated fat. This amount of fat is 25% of the recommended amount of fat in a 2000-calorie diet. What is the ratio of grams of saturated fat to total fat in a serving of peanut butter?

- A. $\frac{3}{16}$
B. $\frac{3}{13}$
C. $\frac{13}{16}$
D. $\frac{16}{3}$
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