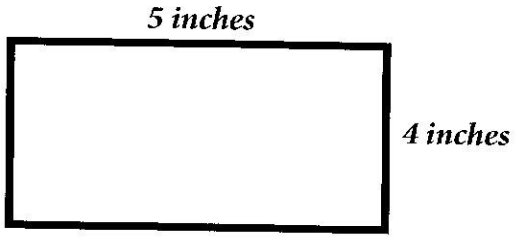
1. Use the rectangle below to answer this question.



What is the perimeter of the rectangle?
($P = s + s + s + s$)

(A) 9 inches
(B) 10 inches
(C) 18 inches
(D) 24 inches

2. There are a total of 26 animals at the animal shelter. There are only dogs, cats, and rabbits at the animal shelter. If there are 14 dogs and 8 cats, how many rabbits are there?

(A) 4
(B) 5
(C) 9
(D) 22

3. What is the name of a shape that has five sides?

(A) hexagon
(B) pentagon
(C) rectangle
(D) triangle

4. Which of the following is the number four hundred thirteen thousand three hundred and nine written in standard form?

(A) 403,390
(B) 403,039
(C) 413,039
(D) 413,309

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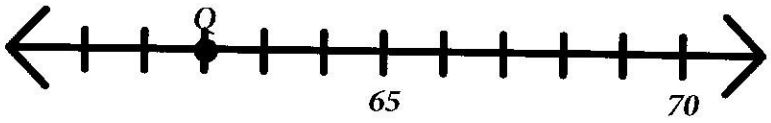
5. Use the following number line to answer this question.



What number does point Q represent?

(A) 60
(B) 62
(C) 64
(D) 67

6. What is the value of the sum $289 + 117$?

(A) 306
(B) 389
(C) 406
(D) 416

7. What is the value of the expression $4 \times (3 + 6) - 5$?

(A) 13
(B) 31
(C) 36
(D) 42

8. Sarah asked 24 classmates whether they preferred hot dogs, hamburgers, or neither. If 12 people told her they preferred hot dogs, and 7 people told her that they preferred neither one, how many people said that they preferred hamburgers?

(A) 5
(B) 7
(C) 9
(D) 12

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9. A restaurant sells pizza, salad, and hamburgers. For one week, the restaurant owner made a chart showing how many of each type of food she sold during that day. The chart is given below.

NUMBER OF MENU ITEMS SOLD			
	Pizza	**Salad**	**Hamburgers**
Sunday	35	20	17
Monday	26	42	25
Tuesday	31	34	41
Wednesday	27	41	15
Thursday	34	51	42
Friday	17	32	45
Saturday	19	15	42

On Thursday, how many more salads were sold than hamburgers?

(A) 3
(B) 5
(C) 8
(D) 9

10. Which fraction has the same value as 0.13?

(A) $\frac{1}{13}$
(B) $\frac{1}{130}$
(C) $\frac{13}{10}$
(D) $\frac{13}{100}$

11. Which decimal number is equivalent to $\frac{3}{10}$?

(A) 3.0
(B) 0.3
(C) 0.03
(D) 0.003

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12. Which of the following is equivalent to 3,000 – 255?

(A) 2,545
(B) 2,645
(C) 2,745
(D) 2,845

13. In the equation $3 \times (\Delta + 5) = 21$, what number should replace Δ in order to make the equation true?

(A) 1
(B) 2
(C) 5
(D) 7

14. Carol bought 8 balloons, each of which cost 65 cents. What is the estimated total cost for the eight balloons?

(A) between \$5.00 and \$5.50
(B) between \$5.50 and \$6.00
(C) between \$6.00 and \$6.50
(D) between \$6.50 and \$7.00

15. Josh bought four items. These four items cost \$0.99, \$3.49, \$4. 75, and \$6.25. He wants to make sure that he has enough money so he estimates what the total cost will be. What is the correct estimate?

(A) between \$15 and \$16
(B) between \$16 and \$17
(C) between \$17 and \$18
(D) between \$18 and \$19

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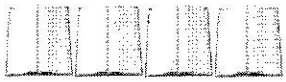
16. The graph below shows the number of books in a classroom library.

BOOKS IN A CLASSROOM LIBRARY	
History	
English	
Science	
Math	

 = 200 books

How many more science books are there than math books?

(A) 3
(B) 200
(C) 600
(D) 1,000

17. The town of Smithville has a population of about 29,821 people. Which town has a population closest to $\frac{1}{4}$ that of Smithville?

(A) Janestown, which has a population of 7,645
(B) Clearmont, which has a population of 8,742
(C) Henryville, which has a population of 15,914
(D) Greyburg, which has a population of 22,871

18. Thirteen cards, numbered 1 through 13, are placed facedown on a table. If a card is randomly picked, what is the chance that an odd number will be on that card?

(A) 1 out of 2
(B) 1 out of 13
(C) 6 out of 13
(D) 7 out of 13

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19. Ms. Hamill's class made a table of their test scores on the last five tests.

	Test 1	Test 2	Test 3	Test 4
Sam	79	91	85	79
Lisa	81	85	90	91
Jack	85	79	86	95
Mimi	79	86	91	70

What is the mode of their test scores?

(A) 70
(B) 79
(C) 81
(D) 85

20. Use the following set of numbers to answer the question.

{4, 6, 21, 45, 60}

Which term describes all the numbers in this set?

(A) even numbers
(B) odd numbers
(C) composite numbers
(D) prime numbers

21. The area of a certain triangle is 30 cm^2. Which equation can be used to find the base of that triangle? ($A = \frac{1}{2}bh$, where A = Area, b = length of base, and h = height of triangle)

(A) $b = \frac{30}{h}$
(B) $b = 30h$
(C) $b = \frac{60}{h}$
(D) $b = 60h$

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22. Which of the following fractions is between $\frac{1}{6}$ and $\frac{1}{2}$?

(A) $\frac{3}{7}$
(B) $\frac{4}{7}$
(C) $\frac{7}{9}$
(D) $\frac{9}{10}$

23. Use the following number sequence.

3, 6, 10, 15, 21, ■

What number should replace the ■?

(A) 22
(B) 24
(C) 27
(D) 28

24. If it is 9 AM in Washington, D.C., it is 6 AM in San Francisco. An airplane takes off from Washington, D.C., at 12 noon and lands in San Francisco five hours later. What time is it in San Francisco when the airplane lands?

(A) 7 AM
(B) 2 PM
(C) 5 PM
(D) 8 PM

25. What is the difference of 7.2 – 1.9?

(A) 5.2
(B) 5.3
(C) 6.2
(D) 9.1

26. What is the perimeter of a square that has side lengths of 6 cm? ($P = 4s$)

(A) 8 cm
(B) 16 cm
(C) 24 cm
(D) 28 cm

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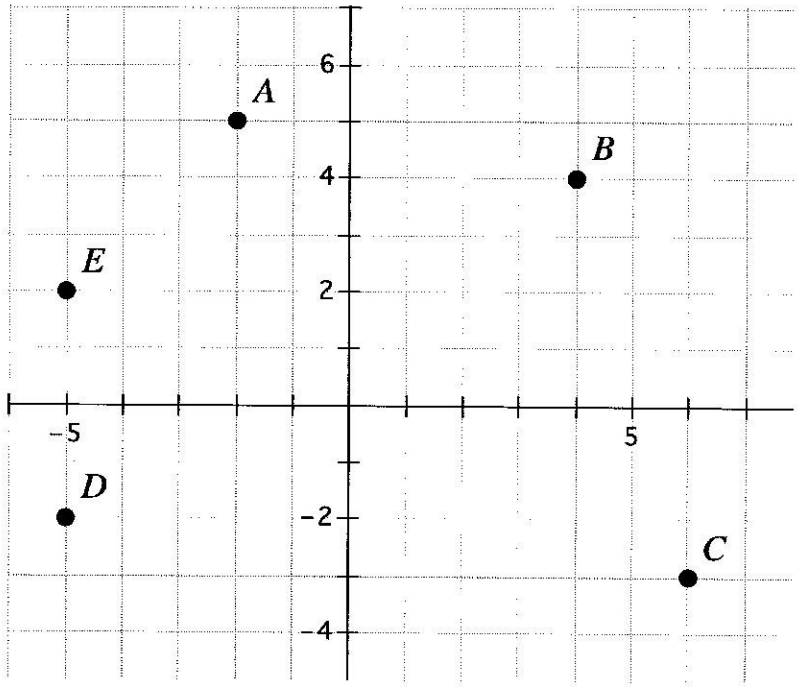
27. Use the following coordinate grid to answer the question



Which point has the coordinates (−5, 2)?

(A) A
(B) C
(C) D
(D) E

28. Which mixed number is equivalent to 1.4 + 2.8?

(A) $3\frac{4}{5}$
(B) $4\frac{1}{5}$
(C) $4\frac{2}{5}$
(D) $4\frac{4}{5}$

29. Which of the following is a prime number?

(A) 2
(B) 4
(C) 9
(D) 12

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30. Larry had $3\frac{5}{6}$ feet of rope. He gave Mark $2\frac{1}{3}$ feet of that rope. How many feet of rope does Larry have left?

(A) $1\frac{1}{3}$
(B) $1\frac{1}{2}$
(C) $2\frac{1}{3}$
(D) $2\frac{2}{3}$

STOP. If you have time left, you may check your answers in ONLY this section.