

Student Name: _____

Class: _____

Date: _____

Instructions: **Read each question carefully and circle the correct answer.**




1. The numbers in Column A have been changed to the numbers in Column B by using a specific rule.

A	B
36	26
25	15
17	7
11	1


Which number sentence shows that rule?

- A. $A + 10 = B$
- B. $A - 10 = B$
- C. $A + 5 = B$
- D. $A \div 10 = B$

- 2.

 is to  as  is to ___.

Choose one of the following to complete the sentence.

			
A	B	C	D

- A. A
- B. B
- C. C
- D. D

3. Which shape comes next in the pattern?



A.



B.



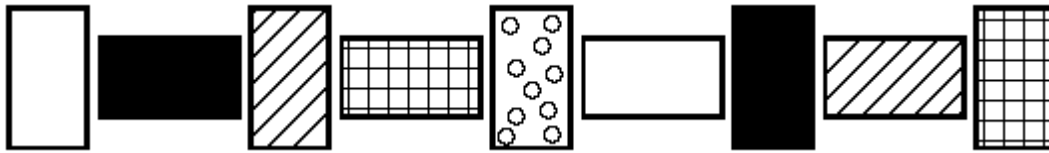
C.



D.



4. Which figure would come next in the pattern?



5. Which series of shapes would come next in the pattern?



6. Oscar wants to bake a cake. The cake recipe needs 6 eggs. Oscar only has 2 eggs.

Which of these number sentences shows how many more eggs Oscar needs to bake the cake?

- A. $6 \times 2 =$
- B. $6 + 2 =$
- C. $6 - 2 =$
- D. $6 \div 2 =$

7. What is the missing SYMBOL?

$$\begin{array}{r} 9 \\ \square 9 \\ \hline 81 \end{array}$$

- A. +
- B. -
- C. x
- D. =

8. Complete the number sentence.

$$13 + ? = 26$$

- A. 13
- B. 26
- C. 39
- D. 31

9. The race was 6 miles long. Jill ran 2 miles and walked 4 miles. Gillian ran the entire 6 mile race. How many miles did the girls run in all?

- A. 12 miles
- B. 6 miles
- C. 8 miles
- D. 2 miles

10. Complete the number pattern.

12, 18, 24, 30, _____

- A. 34
- B. 36
- C. 32
- D. 38

11. Find the missing number in the pattern.

36, 31, 27, 22, 18, _____, 9, 4

- A. 13
- B. 8
- C. 10
- D. 15

12. Replace the ? with a plus (+) or a minus (-) sign.

$$4 ? 3 = 7$$

- A. +
- B. -

13. What symbol completes the number sentence?

$$25 \ ? \ 5 = 5$$

- A. \div
- B. $+$
- C. $-$
- D. \times

14. What is the missing number?

$$7 + 4 = 4 + \square$$

- A. 11
- B. 7
- C. 6
- D. 5

15. What number completes the number sentence?

$$50 \div ? = 10$$

- A. 1
- B. 5
- C. 10
- D. 25

16. What number completes this number sentence?

$$48 \div ? = 4$$

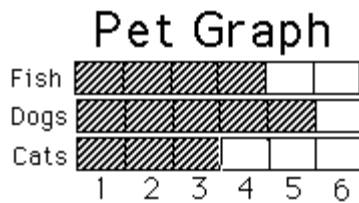
- A. 12
- B. 10
- C. 6
- D. 8

17. Complete the sequence.

48, 44, 40, ____, 32, 28

- A. 38
- B. 36
- C. 42
- D. 34

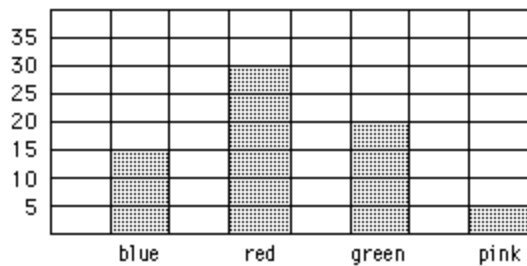
18. Each child in Mrs. Frazier's class owns no more than one pet. Mrs. Frazier's class counted the number of pets they own. The number of each is shown on the graph.



How many children own fish?

- A. 3 children
- B. 4 children
- C. 5 children
- D. 6 children

19. Mr. Johnston made a graph of the number of kites he sold in July.



How many more blue than pink kites were sold?

- A. 20 kites
- B. 25 kites
- C. 15 kites
- D. 10 kites

20. If you were to draw a playing card from a standard deck, what is the probability of drawing an 8 of hearts?
- A. $1/4$
 - B. $3/26$
 - C. $1/52$
 - D. $1/13$
21. A local radio station is having a contest to win a brand new car. They have put a check for \$10,000 in a car that is in a parking lot full of cars. To win the car, you need to have the key to the car. There are six sedans, five sports cars, eight sport utility vehicles, two luxury cars, and seven trucks. What is the probability that the check will not be in a sport utility vehicle?
- A. $7/28$
 - B. $21/28$
 - C. $5/7$
 - D. $2/7$
22. Use the table to answer the question.

LUNCH SNACKS

Juice	20 ¢
Apple	50 ¢
Banana	30 ¢
Cookies	50 ¢
Ice Cream	40 ¢

Dan bought juice and cookies. How much did he spend?

- A. 20¢
- B. 70¢
- C. 50¢
- D. 80¢

23. Use the table to answer the question.

PLAYER NAME	SHIRT NUMBER
Sunjung Lee	21
Marin Tyler	15
Hector Parza	11
Lora Mulligan	36
Art Rodnell	16
George Summan	32

What is Art Rodnell's shirt number?

- A. 15
B. 32
C. 16
D. 36
24. Use the information in the table to answer the question.

Name	Age	Height	Weight
Kendra	11	48 in.	78 lbs.
Lance	10	47 in.	81 lbs.
Rick	11	51 in.	84 lbs.
David	9	45 in.	72 lbs.

How much does David weigh?

- A. 84 lbs.
B. 72 lbs.
C. 81 lbs.
D. 78 lbs.

25. A girls' club held bake sales from January to May. They charted how many of each item the group sold at the bake sales. Use the table to answer the question.

Brownies	15	32	40	28	34
Cookies	30	19	33	31	36
Cake	40	12	29	16	22
Doughnuts	36	37	39	28	39
	Jan	Feb	Mar	Apr	May

How many cookies were sold January through May?

- A. 139 cookies
 - B. 119 cookies
 - C. 149 cookies
 - D. 148 cookies
26. Calvin had 3 quarters, 8 dimes, 6 nickels and 9 pennies. He gave Julie 57¢ .

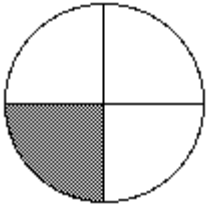
How much money does Calvin have now?

- A. \$2.51
 - B. \$1.94
 - C. \$1.37
 - D. \$55.06
27. Toy dinosaurs cost \$3.56 each. Keoki bought 251 toy dinosaurs.

How much money did Keoki spend?

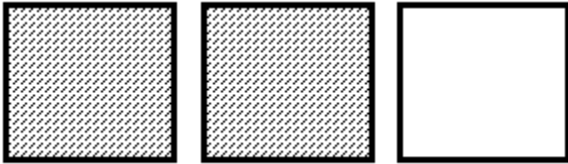
- A. \$354.56
- B. \$70.51
- C. \$893.56
- D. \$3,545.60

28. What fraction of the circle is shaded?



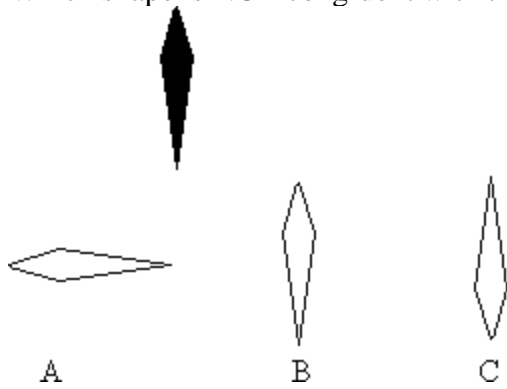
- A. $\frac{1}{3}$
- B. 1
- C. $\frac{3}{4}$
- D. $\frac{1}{4}$

29. Choose the lowest terms fraction that shows the number of squares shaded.



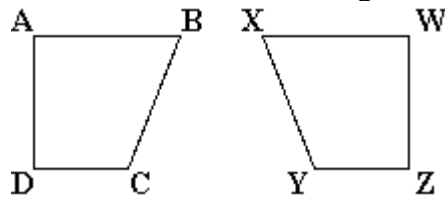
- A. $\frac{1}{3}$
- B. $1\frac{1}{3}$
- C. $\frac{2}{3}$
- D. 1

30. Which shape is NOT congruent with the shaded one?



- A. A
- B. B
- C. C
- D. They are all congruent.

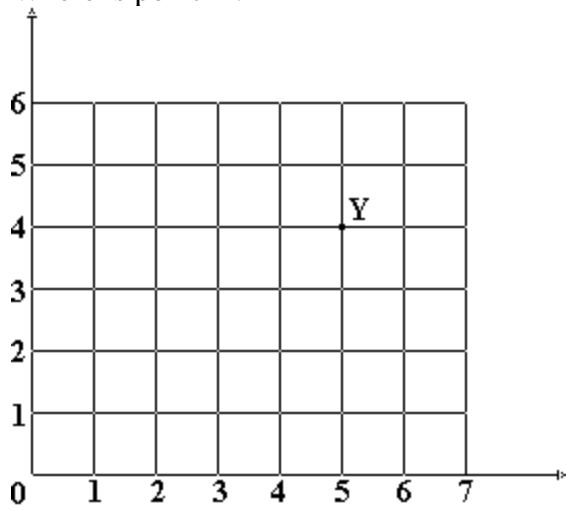
31. Fill in the blank.
Quadrilaterals ABCD and WXYZ are congruent.



Segment BC is congruent to segment _____.

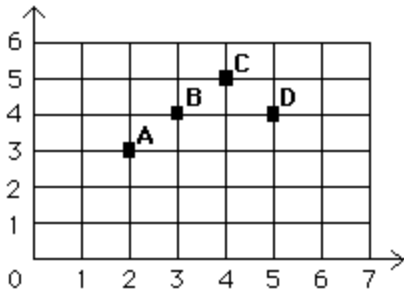
- A. XY
- B. WZ
- C. CD
- D. AD

32. Where is point Y?



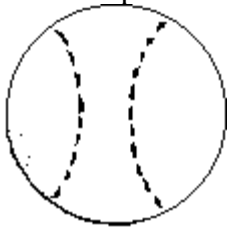
- A. over 6, up 5
- B. over 4, up 4
- C. over 4, up 5
- D. over 5, up 4

33. What letter names the ordered pair (2, 3)?



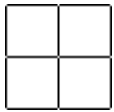
- A. A
- B. B
- C. C
- D. D

34. What shape is the ball?



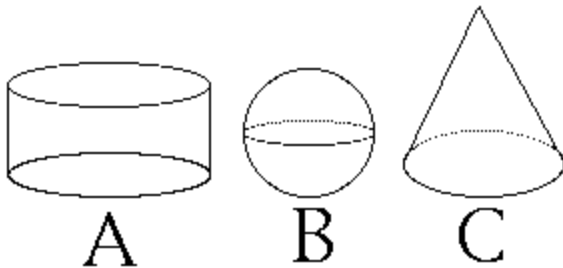
- A. pyramid
- B. cone
- C. cylinder
- D. sphere

35. How many squares are there in this figure?



- A. 2
- B. 3
- C. 4
- D. 5

36. Which figure is a cone?



- A. A
- B. B
- C. C
- D. none of the above

37. Fill in the blank.

A rectangular prism has _____ faces.

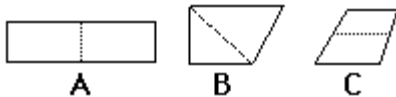
- A. 6
- B. 5
- C. 4
- D. 12

38. Which choice best completes the statement?

A quadrilateral is...

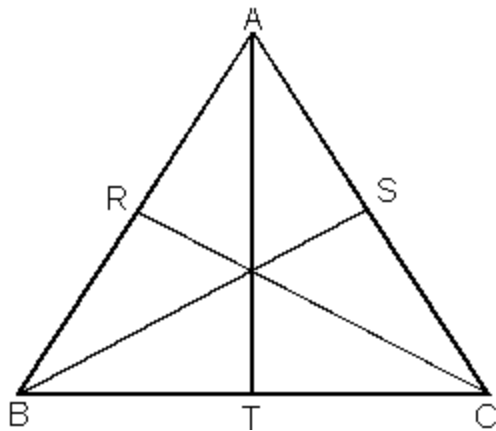
- A. a polygon with four sides.
- B. a polygon with congruent sides.
- C. a polygon with parallel sides.
- D. a solid with four sides

39. Which of these figures can be folded on the dotted line so that each part matches?



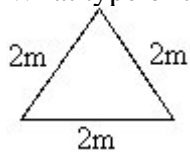
- A. A
- B. B
- C. C

40. Choose the option that lists all of the lines of symmetry that are shown for the following figure.



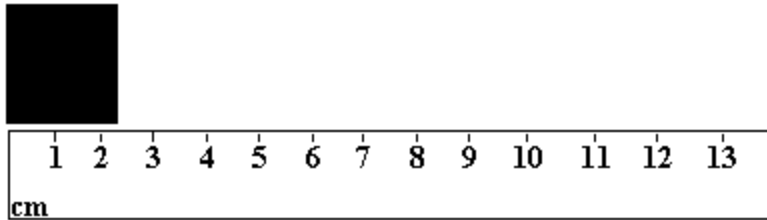
- A. AT, BS
- B. AT, RC
- C. AT, BS, RC
- D. BS, RC

41. What type of triangle is pictured below?



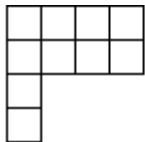
- A. equilateral triangle
- B. right triangle
- C. isosceles triangle
- D. obtuse triangle

42. Measure the length of the object to the nearest centimeter.



- A. 2 cm
- B. 1 cm
- C. 3 cm
- D. 0.5 cm

43. What is the area of this figure in square units?



= 1 square unit

- A. 8 square units
- B. 7 square units
- C. 9 square units
- D. 10 square units

44. Use the calendar to answer the question.

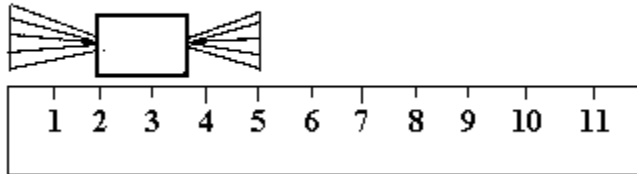
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

The debate team meets the third Thursday of each month.

On what date will they meet this month?

- A. 15th
- B. 8th
- C. 22nd
- D. 29th

45. How long?



- A. 4 units
- B. 3 units
- C. 5 units
- D. 6 units

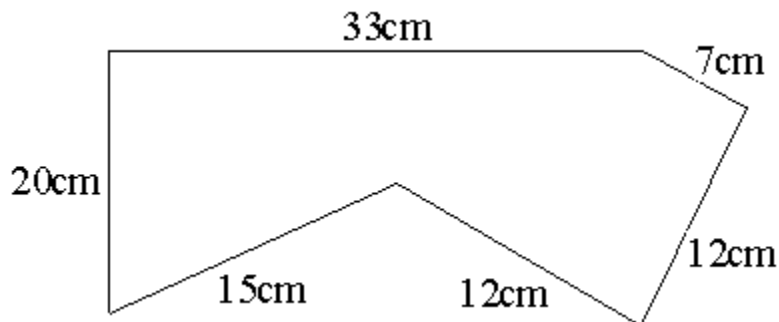
46. Use the table to answer the questions.

Relationships Between Units

8 fluid ounces	1 cup
2 cups	1 pint
2 pints	1 quart
2 quarts	1 half gallon
2 half gallons	1 gallon

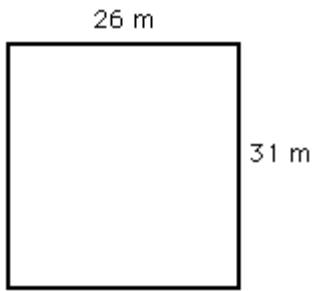
16 quarts = ? gallons

- A. 4 gallons
 - B. 16 gallons
 - C. 32 gallons
 - D. 2 gallons
47. What is the perimeter of this shape?



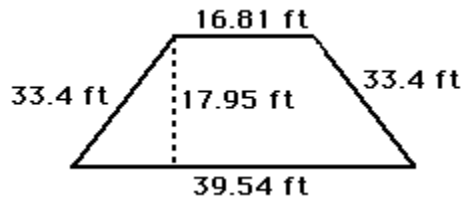
- A. 87 cm
- B. 89 cm
- C. 97 cm
- D. 99 cm

48. What is the perimeter of the rectangle?



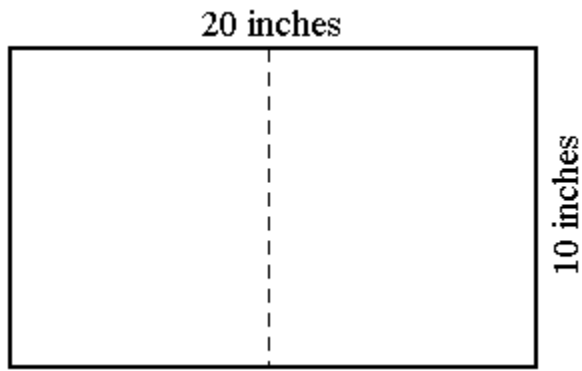
- A. 57 m
- B. 114 m
- C. 806 m
- D. 5 m

49. What is the perimeter of the figure?



- A. 505.74 ft
- B. 141.1 ft
- C. 70.55 ft
- D. 123.15 ft

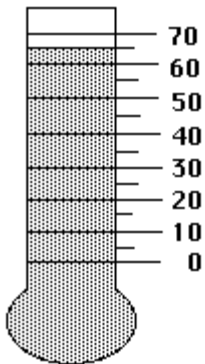
50.



Miki wants to put tape around the outside edge of her rectangular folder so that it will not rip as easily. To do this, she needs to figure out the perimeter of the open folder. The length of the open folder is 20 inches and the width is 10 inches. How much tape will she need?

- A. 200 inches
- B. 60 inches
- C. 10 inches
- D. 30 inches

51. What temperature is the thermometer showing?



- A. 70°
- B. 60°
- C. 55°
- D. 65°

52. What time does this clock read?



- A. 8:05
- B. 7:05
- C. 7:55
- D. 8:35

53. Which of the following is the same as 4:27?

- A. 27 minutes to 4
- B. 33 minutes after 5
- C. 27 minutes after 4
- D. 3 minutes to 5

54. Which of the following statements is true?

- A. 1 meter = 1 yard
- B. 6 inches = 1 foot
- C. 10 centimeters = 100 meters
- D. 400 centimeters = 4 meters

55. The stage is 17 meters long.

How many centimeters long is the stage?

- A. 1 meter and 7 centimeters
- B. 170 centimeters
- C. 10 meters and 7 centimeters
- D. 1,700 centimeters

56. Round 843 to the nearest hundred.

- A. 840
- B. 1,000
- C. 900
- D. 800

57. If you are estimating by rounding to the nearest ten, what numbers should you use to estimate 27 plus 43?
- A. 20 and 40
 - B. 30 and 40
 - C. 25 and 45
 - D. 30 and 50
58. What is the estimated product when 8.76 and 4.59 are rounded to the nearest tenth and multiplied?
- A. 40.48
 - B. 39.6
 - C. 39.15
 - D. 40.02
59.
$$\begin{array}{r} 567 \\ + 55 \\ \hline \end{array}$$
- A. 622
 - B. 521
 - C. 512
 - D. 612
60. $326 + 16 + 472 =$
- A. 858
 - B. 958
 - C. 704
 - D. 814
61. $82 + 26 + 56 + 17 =$
- A. 155
 - B. 161
 - C. 181
 - D. 125
62.
$$\begin{array}{r} 13 \\ + 2 \\ \hline \end{array}$$
- A. 9
 - B. 14
 - C. 11
 - D. 15

63.
$$\begin{array}{r} 74 \\ + 87 \\ \hline \end{array}$$

- A. 141
- B. 161
- C. 151
- D. 1511

64. 6 children are playing baseball in the park.
8 more children come to join the game.

How many children are now playing baseball?

- A. 9 children
- B. 14 children
- C. 11 children
- D. 13 children

65. Oliver sold 782 cookies at Saturday's game. He sold 349 cookies at Sunday's game.

How many cookies did he sell in all?

- A. 433 cookies
- B. 1,021 cookies
- C. 1,131 cookies
- D. 440 cookies

66. The Garden Shoppe Nursery sold 12,467 rosebushes in their southwest stores. The sold 13,976 rosebushes in their southeast stores. They sold 22,857 rosebushes in their northwest stores.

What is the total number of rosebushes the Garden Shoppe Nursery sold?

- A. 58,298 rosebushes
- B. 49,300 rosebushes
- C. 48,299 rosebushes
- D. 48,300 rosebushes

67. Mia rode her bike to the library. She checked out 13 books on dogs, 12 books on cats, 11 books on horses, and 16 books on birds.

How many books did she check out in all?

- A. 25 books
- B. 42 books
- C. 4 books
- D. 52 books

68. Which one is correct?

- A. $8 > 10$
- B. $5 < 12$
- C. $3 > 11$
- D. $9 < 8$

69. Which of the following statements is true?

- A. $798,501 > 799,501$
- B. $854,121 < 864,121$
- C. $100,001 = 10,001$
- D. $162,159 = 163,159$

70. What are the next three numbers?

109, 110, 111, ____, ____, ____

- A. 106, 107, 108
- B. 122, 123, 124
- C. 99, 100, 101
- D. 112, 113, 114

71. Find the expanded form: 513.

- A. $5 + 1 + 3$
- B. $50 + 10 + 30$
- C. $500 + 10 + 3$
- D. $50 + 10 + 6 + 3$

72. Find the expanded form: 9,852.

- A. $9,000 + 800 + 50 + 2$
- B. $9,000 + 80 + 50 + 20$
- C. $98 + 52$
- D. $9 + 8 + 5 + 2$

73. What number is expressed by: $(1 \times 10,000) + (4 \times 1,000) + (3 \times 100) + (8 \times 10)$?

- A. 14,380
- B. 1,438
- C. 143,800
- D. 143.8

74. What number is expressed by $(5 \times 1,000,000) + (3 \times 100,000) + (4 \times 10,000) + 5$?

- A. 5,340,005
- B. 534,005
- C. 53,405
- D. 50,340,005

75. Which number is GREATER THAN 62?

65 or 56 or 26

- A. 65
- B. 56
- C. 26
- D. None of the above

76.
$$\begin{array}{r} 1 \\ \times 5 \\ \hline \end{array}$$

- A. 5
- B. 6
- C. 15
- D. 10

77.
$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

- A. 84
- B. 86
- C. 14
- D. 48

78. Luis has 8 boxes.
He put 3 frogs in each box.

How many frogs did Luis have?

- A. $8 + 8 = 16$
- B. $8 \times 3 = 24$
- C. $8 + 3 = 11$
- D. $3 \times 3 = 9$

79. Stan writes 4 stories each week.

How many stories does he write in 26 weeks?

- A. 30 stories
- B. 84 stories
- C. 70 stories
- D. 104 stories

80. At the school picnic, students were put into 19 rows. Each row contained 27 students.

How many students were at the picnic?

- A. 231 students
- B. 8 students
- C. 46 students
- D. 513 students

81. Complete the pattern.

44, 46, 48, __, __, __

- A. 49, 50, 51
- B. 50, 52, 54
- C. 48, 49, 50
- D. 50, 51, 52

82. Which of the following numbers is even?

- A. 89,567
- B. 34,127
- C. 12,346
- D. 18,743

83. Which one is 1, 092?

- A. one thousand nine hundred two
- B. one thousand ninety-two
- C. one thousand nine and two
- D. one hundred ninety-two

84. Show how to read the number: 56,002,001

- A. 56 ten-million, 2 thousand, 1
- B. 56 ten-million, 2 thousand, 1 hundred
- C. 56 million, 2 thousand, 1
- D. 56 million, 2 hundred-thousand, 1 hundred

85. Count by 5's. Complete the pattern.

5, 10, __, __, __, 30, 35

- A. 15, 20, 30
- B. 15, 20, 25
- C. 20, 25, 30
- D. 20, 30, 40

86. $984 - 37 =$

- A. 614
- B. 957
- C. 947
- D. 1,021

87.
$$\begin{array}{r} 18 \\ - 6 \\ \hline \end{array}$$

- A. 24
- B. 10
- C. 12
- D. 11

88.
$$\begin{array}{r} 31 \\ -16 \\ \hline \end{array}$$

- A. 17
- B. 16
- C. 15
- D. 14

89. Which number below matches this word name?

ONE HUNDRED ELEVEN

- A. 111
- B. 11
- C. 1,011
- D. 1,111

90. Which numeral is seven hundred fifty-six?

- A. 7,056
- B. 756
- C. 7,560
- D. 765