False River Academy
New Roads, LA

3rd Grade Math

Summer Packet

Name _____

Name _____ Date_____

Summer Packet Grade 3

Multiple Choice: *Identify the choice that best complete the statement or answers the question*

_____ 1. What is the product?   5 x 8 = ☐

   A. 13   **B.** 32   **C.** 40   **D.** 58

_____ 2. What is the missing shape?

◆0▼◆0▼◆0▼◆_▼
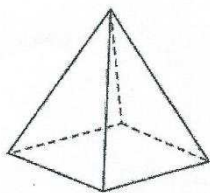
   A ◯   B ▼   C ◆   D ▽

_____ 3. How many quarts are equal to 3 gallons?

   A. 3 quarts   **B.** 4 quarts   **C.** 8 quarts   **D.** 12 quarts

_____ 4. There are 30 desks in the classroom. There are an equal number of desks in each of 6 rows. Which shows the number of desks in each row?

   A. 5 desks   **B.** 24 desks   **C.** 36 desks   **D.** 180 desks

_____ 5. Which shows the number of faces on the solid figure?

   A. 3   **B.** 5   **C.** 6   **D.** 8

_____ 6. What is the difference?

$$\begin{array}{r} 6{,}700 \\ -\ 4{,}954 \\ \hline \end{array}$$

A. 10   **B.** 9   **C.** 8   **D.** 7

_____ 7. At the waterpark, everyone gets to go on 1 slide and 1 raft ride. Which shows the total number of combinations of 1 slide and 1 raft ride?

Water Park Rides	
Slides	Raft Rides
Splash 'n' slide	Roaring Rapid
Triple Loop	The Gusher
Crocodile Run	Aqua Shake
Twin Taboggan	

A. 4   **B.** 7   **C.** 9   **D.** 12

_____ 8. What is the product?

$$\begin{array}{r} 6 \\ \times\ 4 \\ \hline \end{array}$$

A. 12   **B.** 24   **C.** 36   **D.** 64

_____ 9. Julie empties a full bag of potting soil into 3 pots. Then she takes 1 quart out of each pot. Now each pit contains 5 quarts. How many quarts of potting soil were in the bag originally?

**A.** 3 quarts   **B.** 15 quarts   **C.** 18 quarts   **D.** 27 quarts

_____ 10. Katy wants to use some ribbon to make a collar for her cat. Which customary unit of length should Katy use to estimate how much ribbon she will need?

A. miles   **B.** yards   **C.** feet   **D.** inches

_____ 11. Which multiplication sentence matches the addition sentence?

5 + 5 + 5 = 15

A. 5 x 2 = 10   **B.** 3 x 5 = 15   **C.** 15 x 1 = 15   **D.** 5 x 5 = 25

_____ 12. Use the model of the yard stick to estimate the length of the garden.
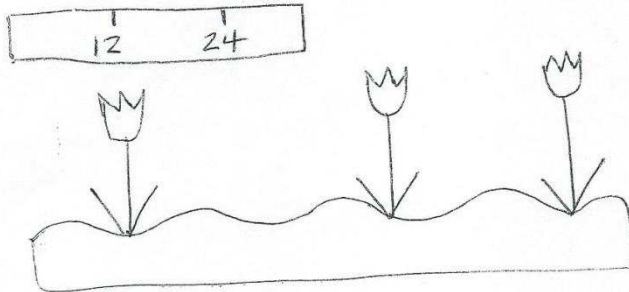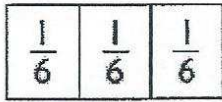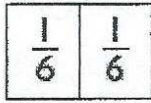

A. 4 yards   **B.** 3 yards   **C.** 2 yards

_____ 13. What is the amount?

A. $2.55   **B.** $2.77   **C.** $2.83   **D.** $2.75

_____ 14. What is the sum?

| $\frac{1}{6}$ | $\frac{1}{6}$ |

| $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ |

$\frac{2}{6} + \frac{3}{6} = \blacksquare$

A $\frac{1}{6}$ B $\frac{3}{6}$

C $\frac{5}{6}$ D $\frac{6}{6}$

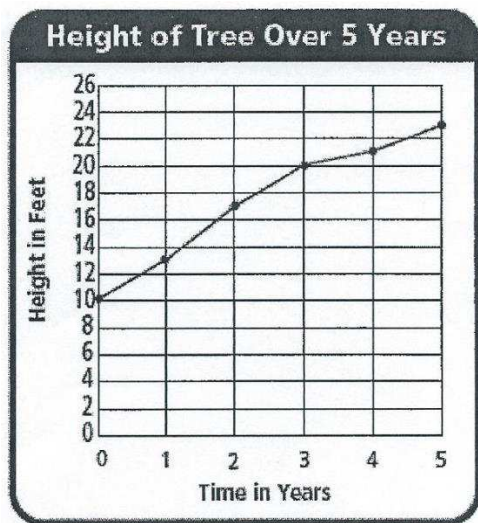_____ 15. Which object's mass is best measured using kilograms?

A. washing machine   **B.** sponge   **C.** teaspoon   **D.** spatula

_____ 16. What is the sum?

$$\begin{array}{r} 31{,}078 \\ +\ 26{,}592 \\ \hline \end{array}$$

A. 57,560   **B.** 57,570   **C.** 57,660   **D.** 57,670

_____ 17. In what year was the tree 8 feet taller than in Year 1?
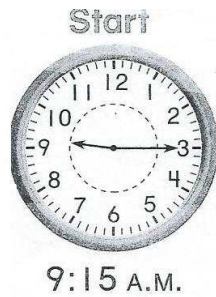
Height of Tree Over 5 Years

Height in Feet vs Time in Years

A. Year 2   **B.** Year 3   **C.** Year 4   **D.** Year 5

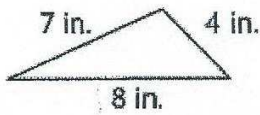_____ 18. Which multiplication sentence does the model show?

A. 6 x 3 = 18   **B.** 2 x 8 = 16   **C.** 2 x 9 = 18   **D.** 3 x 3 = 9

_____ 19. Use the clocks. How much time has passed?

Start   Finish

9:15 A.M.   10:00 A.M.

A. 30 minutes   **B.** 1 hour   **C.** 45 minutes

_____ 20. Which term names the triangle

7 in.   4 in.

8 in.

A. equilateral   **B.** isosceles   **C.** right   **D.** scalene

_____ 21. What is the value of the digit 9 in 1,984?
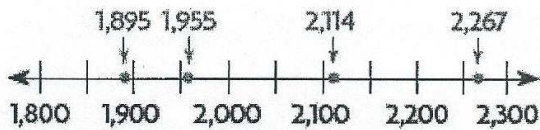
A. 9,000   **B.** 900   **C.** 90   **D.** 9

_____ 22. One jacket has 4 buttons. Which shows how many buttons 7 jackets have?

Jackets	1	2	3	4	5	6	7
Buttons	4	8	12	16	20	□	□

A. 24   **B.** 26   **C.** 28   **D.** 32

_____ 23. Last year, the aquarium gift shop sold 2,114 whale toys, 1,895 turtle toys, 2,267 dolphin toys, and 1,955 shark toys. Which kind of toy had the greatest sales?
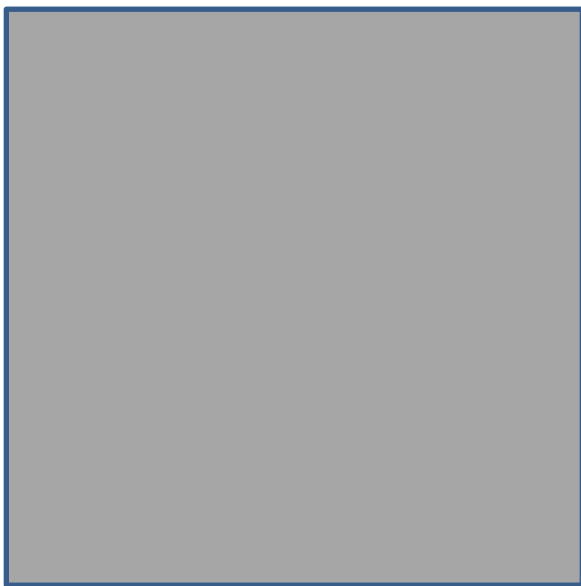
1,895 1,955   2,114   2,267

1,800   1,900   2,000   2,100   2,200   2,300

A. dolphin   **B.** turtle   **C.** whale   **D.** shark

_____ 24. Use rounding. What is the estimate difference?

674
- 206

A. about 300   **B.** about 400 **C.** about 500   **D.** about 600

_____ 25. How many square units is the rectangle?

This tile is 1 square unit.

A. 4   **B.** 5 **C.** 3

_____ 26. What is the quotient? $48 \div 6 = \square$ **A.** 6   **B.** 8   **C.** 9   **D.** 10

_____ 27. What is the product? $4 \times 30 = \square$ **A.** 120   **B.** 260   **C.** 340   **D.** 430

_____ 28. It takes Kirit 8 minutes to plant one seedling. Which shows how many seedlings Kirit can plant in 42 minutes?

   A. 3   **B.** 5   **C.** 6   **D.** 8

_____ 29. What is the product?

$$\begin{array}{r} 9 \\ \times\, 3 \\ \hline \end{array}$$
   A. 72   **B.** 54   **C.** 39   **D.** 27

_____ 30. 3 quarts is _____ 1 gallon.

   A. more than   **B.** less than   **C.** the same as

_____ 31. Which shows the total number of combinations of 1 kind of pet and 1 color collar?

   pets: rabbit, cat, dog
   collars: red, blue, green
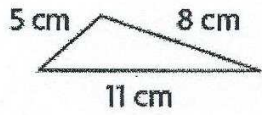
   A. 9   **B.** 8   **C.** 6   **D.** 4

_____ 32. Use rounding. Which is the estimated sum?

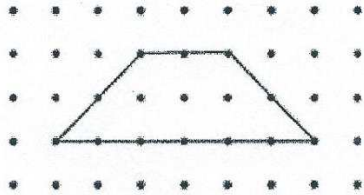$$\begin{array}{r} 6241 \\ -\ 3193 \\ \hline \end{array}$$
   A. about 7000   **B.** about 8000
   C. about 9000   **D.** about 1000

_____ 33. What is the perimeter?

5 cm   8 cm

11 cm

A 19 cm
B 24 cm
C 28 cm
D 51 cm

_____ 34. Which term names the figure

A cone
B trapezoid
C parallelogram
D sphere

_____ 35. What is the quotient? 9)72   **A.** 8   **B.** 7   **C.** 6   **D.** 3

_____ 36. Circle the better unit of measure for the capacity for the container.

swimming pool

A. quart   **B.** gallon

_____ 37. Which number complete the table?

Counters	Number of Equal Groups	Number in Each Group
16	4	☐

A. 16   **B.** 8   **C.** 6   **D.** 4

_____ 38. What is the missing addend?   □ + 6 = 14

 A. 6   **B**. 8   **C**. 12   **D.** 14

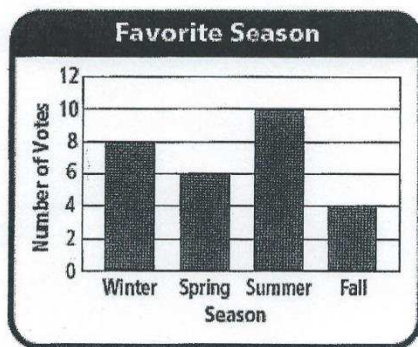_____ 39. Which is a way to read the time?

A half past six
B five fifteen
C twenty minutes after five
D five thirty
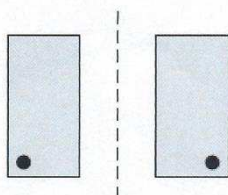
_____ 40. Estimate how much the container will hold.

milk

 A. more than 1 liter   **B.** less than 1 liter

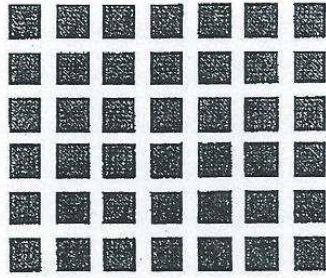_____ 41. Which shows the number of students who voted for spring?

Favorite Season

A. 6   **B**. 7   **C**. 8   **D.** 10

_____ 42. Describe how the figure has moved.

A flip
B slide
C turn
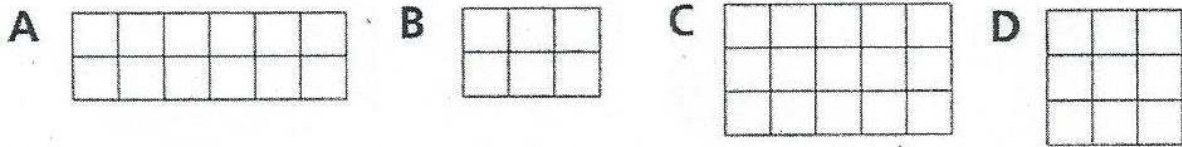
_____ 43. Which division sentence does the array show?

A $36 \div 6 = 6$
B $42 \div 6 = 7$
C $42 \div 3 = 14$
D $42 \div 2 = 21$

_____ 44. Tracee buys a kaleidoscope for $3.71. She pays with a $10 bill. Which shows the amount of change Tracee receives?

A. $6.29   **B.** $6.39   **C.** $7.29   **D.** $7.39

_____ 45. Which figure has an area of 12 square units and a perimeter of 16 units?

A   B   C   D

_____ 46. What time is 25 minutes after 4:05 P.M.?

A. 4:30 A.M.   **B.** 4:30 A.M.   **C.** 4:30 P.M.   **D.** 5:30 P.M.

_____ 47. What is 10,00 + 5,000 + 60 + 8 written in standard form?
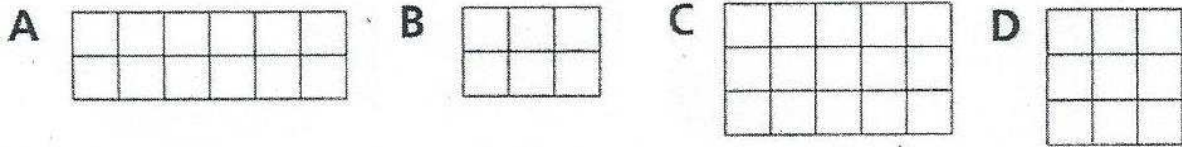
A. 10,568   **B.** 15.068   **C.** 15,608   **D.** 15,680

_____ 48. Choose the solid figure that can be made from the plane figures.

_____ 44. Tracee buys a kaleidoscope for $3.71. She pays with a $10 bill. Which shows the amount of change Tracee receives?

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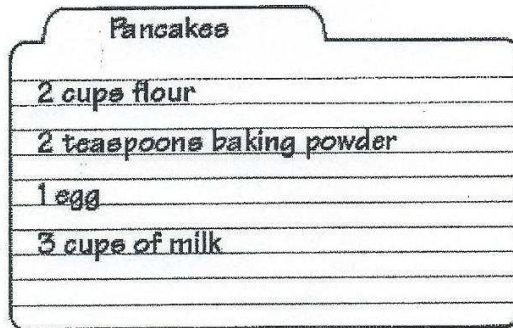   **A.** 10,568   **B.** 15.068   **C.** 15,608   **D.** 15,680

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A.

B.
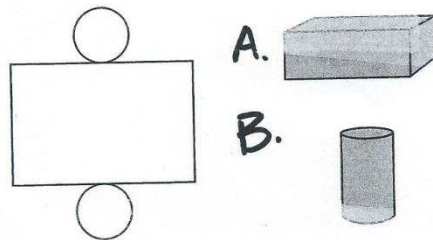
_____ 49. Simon made a bar graph to show how many pets his friends have. Which pet has the longest bar?
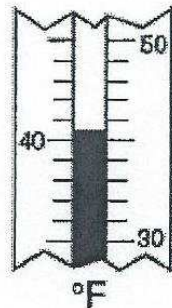
    A. 1 dog   **B.** 7 ferrets   **C.** 8 parrots

_____ 50. Paige triples the pancake recipe. Which shows how many eggs Paige needs?
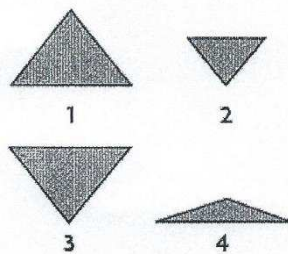
Pancakes

2 cups flour

2 teaspoons baking powder

1 egg

3 cups of milk

A 2
B 3
C 4
D 6

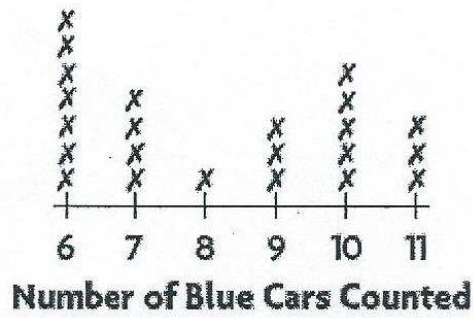_____ 51. What temperature does the thermometer show?

50
40
30
°F

A 32°F
B 36°F
C 41°F
D 48°F

_____ 52. Which two figures appear to be congruent?

1
2
3
4

A 2 and 3
B 1 and 2
C 2 and 4
D 1 and 3

_____ 53. What is the range of the data?

Number of Blue Cars Counted

A 3
B 4
C 5
D 17

_____ 54 What is the quotient? $7\overline{)7}$ **A.** 0   **B.** 1   **C.** 7   **D.** 49

_____ 55. Which symbol completes the equation? $64 \div 8 = 10 \ \square \ 2$

A. x   **B.** -   **C.** +   **D.** ÷

_____ 56. Which unit is best used to measure the width of a box of tissues?
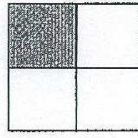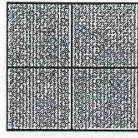
A. mile   **B.** yard   **C.** foot   **D.** inch

_____ 57. Which two figures appear to be similar?
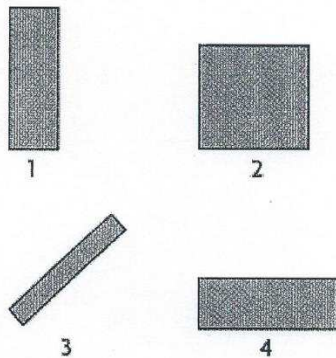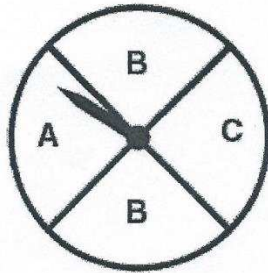

A 1 and 3
B 2 and 1
C 4 and 1
D 2 and 3

_____ 58. Which mixed number names the shaded parts?

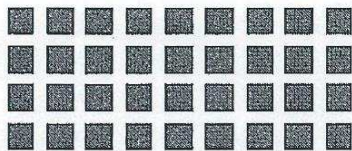A $1\frac{1}{6}$ B $1\frac{1}{4}$ C $1\frac{1}{2}$ D $2\frac{1}{4}$

_____ 59. What is the quotient? $28 \div 4 = \square$ **A.** 2   **B.** 4   **C.** 6   **D.** 7

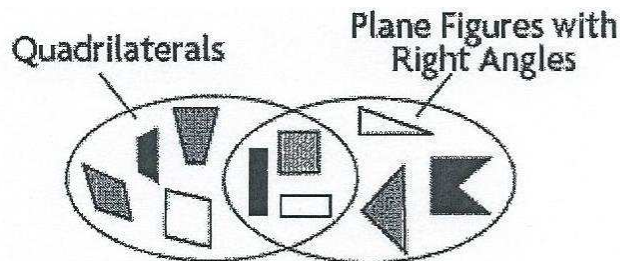_____ 60. What are the possible outcomes for 1 spin?

A A, B or C
B A or B
C B or C
D A, B, C, or D

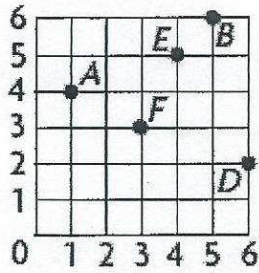_____ 61. Which division sentence does the array show?

A $36 \div 4 = 9$
B $36 \div 6 = 6$
C $18 \div 9 = 2$
D $16 \div 4 = 4$

_____ 62. The Venn diagram shows the figures Halden used to make a picture. Which shows how many quadrilaterals with right angles Halden used?

Quadrilaterals   Plane Figures with Right Angles

A 7
B 4
C 3
D 0

_____ 63. Which ordered pair names point D?

A (2,6)
B (4,5)
C (5,4)
D (6,2)

_____ 64. What number completes the sentence?

$24 \div 8 = \blacksquare$

A 3
B 8
C 10
D 12

_____ 65. What is a rule for the table?

Sofas	1	2	3	4	5	6
Cushions	3	6	9	12	■	■

A multiply by 1
B multiply by 3
C multiply by 4
D multiply by 6

_____ 66. Which term names the polygon?
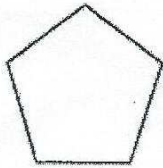
A triangle
B square
C pentagon
D hexagon

_____ 67. Aurora saw16 shooting stars in August. Which shows the number of shooting starts that each symbol stands for?

Shooting Stars Seen

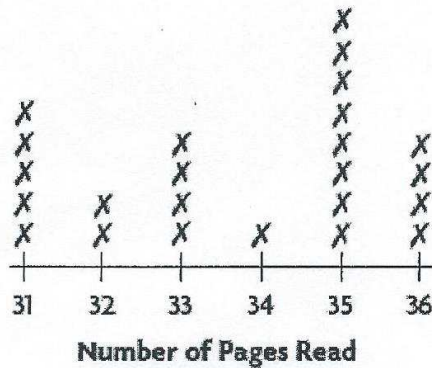| June	★ ★ ★
July	★ ★
August	★ ★ ★ ★

Key: Each ★ = ▮ stars

A 1
B 2
C 3
D 4

_____ 68. The line plot shows the number of pages Hugh read on different days. Which shows the number of days Hugh read fewer than 34 pages?

Number of Pages Read

A 13
B 12
C 11
D 8

_____ 69. Cho-Yau started practicing kickball on September 14. He practiced every day through September 20. Which shows the number of days Cho-Yau practiced?

September

Sun	Mon	Tue	Wed	Thu	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				

A 7
B 6
C 5
D 4

_____ 70. Which shows how many people voted in all?

Favorite Movies

Cartoon	▢ ▢
Comedy	▢ ▢ ▢ ▢
Mystery	▢ ▢ ▢
Drama	▢ ▢

Key: Each ▢ = 3 votes
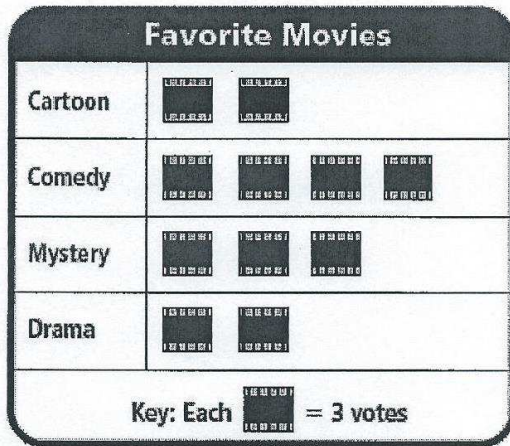
A 11
B 22
C 28
D 33

_____ 71. Which of these pairs of lines appear to be parallel?

A   B   C   D
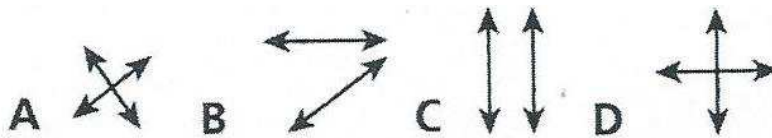
_____ 72. Which shows a line segment?

A   B   C   D

_____ 73. Ronnie drew a grid. He started at 0, moved 2 space to the right and 3 spaces up. At what point did Ronnie end?
A. (0, 2)   **B.** (2, 3)   **C.** (3, 2)   **D.** (3, 0)

_____ 74. Tell whether the following number is even or odd.

90   **A.** even   **B.** odd

_____ 75. Which is the missing figure?

⊞ ⊞ ___?___ ⊞ ⊞

A ⊞   B ⊞   C ⊞   D ⊞

_____ 76. Choose <, >, or = to compare the numbers.

4,562 ☐ 4,697   **A.** >   **B.** <   **C.** =

_____ 77. Choose the number that correctly complete the multiplication sentence.

6 x n = 30   **A.** n = 6   **B.** n = 7   **C.** n = 5