FIFTH GRADE-MATH (MA5_1)

1. Which number is between 689 and 715?
   - A. 675
   - B. 679
   - C. 703
   - D. 720

2. Which shows the Distributive Property?
   $3 \times (4 + 2) = ?$

   - A. 3×6
   - B. $(3 \times 4) \times (3 + 2)$
   - C. 3×8
   - D. $(3 \times 4) + (3 \times 2)$

3. What number comes next in the following sequence?
   4, 5, 7, 10, 14, 19, 25, ___

   - A. 28
   - B. 31
   - C. 32
   - D. 34

4. Which is the largest number?
   - A. 3.800
   - B. 3.90
   - C. 3.89
   - D. 3.09

5. White Mountain National Forest covers more than 780,000 acres. One-seventh of the forest is reserved as wilderness. Approximately how many acres are in the wilderness area?
   - A. 400,000
   - B. 320,000
   - C. 260,000
   - D. 110,000

6. It takes Tomas about 2 hours to deliver the 57 newspapers on his route. He earns $0.10 for each newspaper he delivers. About how much does Tomas make per hour?
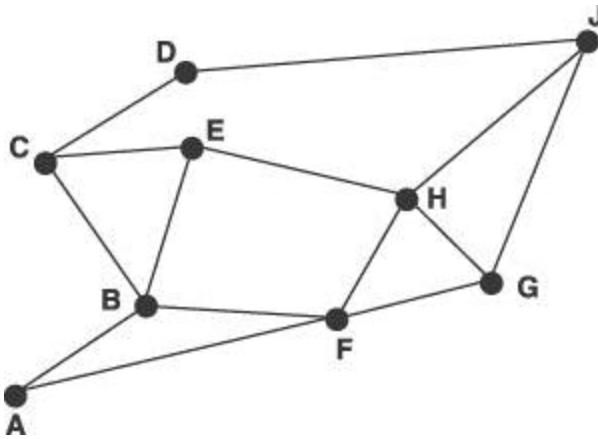
  A. $8.00
  B. $6.00
  C. $3.00
  D. $2.00

7.

Use the picture below to answer this question.

If an ant could start at S and crawl along the sides of the rectangle pictured above, which would be the shorter trip?

  I. From S to T to U to X

  II. From S to X to U to T

  A. More information is needed.
  B. Trip I is shorter.
  C. Trip II is shorter.
  D. Both trips are the same.

8. The shortest route from Point A to Point J passes through

  A. Point F and Point G.
  B. Point F and Point H.
  C. Point B, Point C, and Point D.

D. Point B, Point F, and Point H.

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9. Jan has 40 bags of marbles. There are 70 marbles in each bag. How many marbles does Jan have?
    A. 110
    B. 280
    C. 1110
    D. 2800

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10. Which flavor would a person be LEAST likely to get from the gumball machine?

Flavor	Number
Cherry	7
Grape	3
Mint	2
Orange	4

    A. cherry
    B. grape
    C. mint
    D. orange

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11. Which number is a factor of 15?
    A. 3
    B. 6
    C. 12
    D. 30

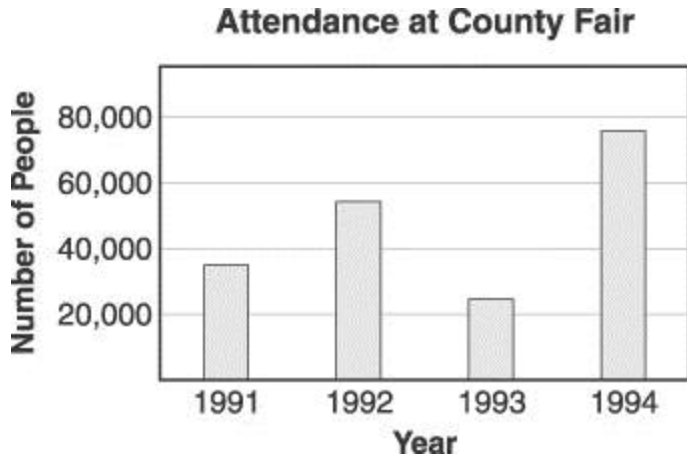
12. Add.
    116 + 99 + 89 + 105 + 183 + 20 =

    A. 512
    B. 582
    C. 602
    D. 612

13.
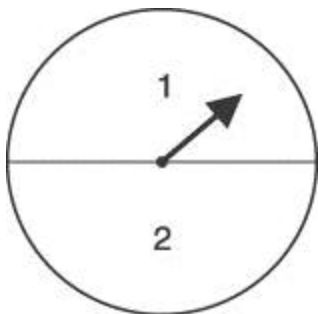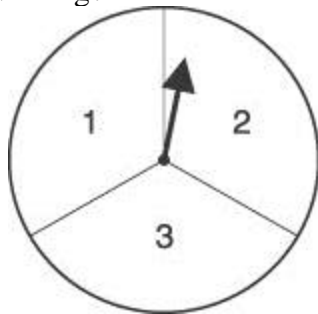   *Use the graph below to answer this question.*

Attendance at County Fair

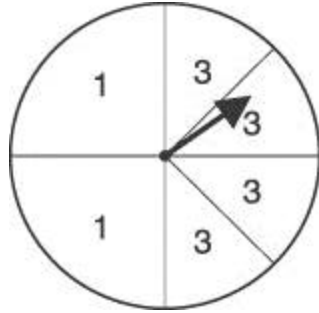Which would be the best title for a 1994 newspaper story explaining the graph above?

A. "County Fair attendance sets new record"
B. "Fewer people at County Fair than ever before"
C. "County Fair attendance drops this year"
D. "Little change in County Fair attendance over four years"

14. Which decimal is LEAST?

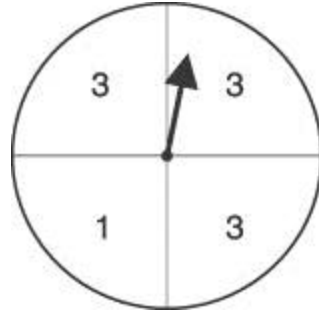A. 0.09
B. 0.10
C. 0.9
D. 0.19

15. There is a game where you win if 3 is spun. Which spinner will give you the best chance of winning?

A.

B.

C.

D.

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16. Solve.

$$\frac{2}{6} \times \frac{2}{3}$$

A. $\frac{1}{2}$

B. $\frac{4}{9}$

C. $\frac{6}{12}$

D. $\frac{2}{9}$

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17. Sarah's gymnastics practice begins at 6:30 P.M. The current time is shown below.

How long does she have before gymnastics practice begins?

    A. 45 minutes
    B. 1 hour, 15 minutes
    C. 1 hour, 30 minutes
    D. 1 hour, 45 minutes

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18. Which group of numbers contains only multiples of 3?
    A. 3, 9, 30, 31
    B. 3, 13, 73, 123
    C. 6, 12, 60, 120
    D. 6, 13, 29, 39

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19. What number should go in the box to make the number sentence true?

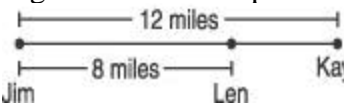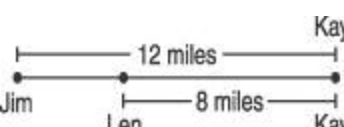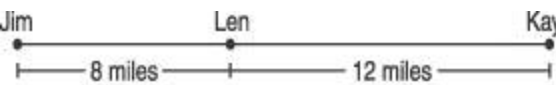$$536 - \boxed{} = 287$$
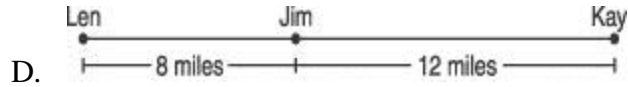
    A. 249
    B. 259
    C. 351
    D. 823

20.
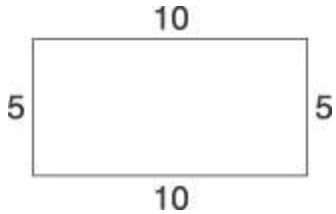*Use the problem in the box below to answer this question.*

> Jim, Kay, and Len live on the same road. Jim lives 12 miles from Kay. Len's house is 8 miles from Jim's house. Len lives closer to Jim than to Kay. How far apart do Len and Kay live?

Which drawing would most help to solve the problem?

A.
```
        |——————— 12 miles ———————|
        |———— 8 miles ————|      Kay
A.   Jim                 Len
```

B.
```
                            Kay
        |——————— 12 miles ———————|
        Jim        |——— 8 miles ———|
                   Len             Kay
B.
```

C.
```
        Jim            Len              Kay
C.      |——— 8 miles ———+——— 12 miles ———|
```

Len   Jim   Kay
D.   ├──── 8 miles ────┼──── 12 miles ────┤

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21. What is the area of this rectangle?

A. 15 square units
B. 25 square units
C. 30 square units
D. 50 square units

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22. If 41,680 people live in Lewiston and 80,275 people live in Portland, how many more people live in Portland than in Lewiston?
   A. 121,955
   B. 49,615
   C. 39,695
   D. 38,595

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23. Which of the following is MOST like the shape of the tree shown?

A. a cube
B. a cylinder
C. a sphere
D. a cone

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24. Multiply.

$$\frac{2}{5} \times \frac{4}{5} =$$

A. $\frac{4}{5}$

B. $\frac{3}{5}$

C. $\frac{1}{2}$

D. $\frac{8}{25}$

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25. Margaret bowled five games. Her scores were 110, 127, 153, 206, and 174. What was her average (mean) score?
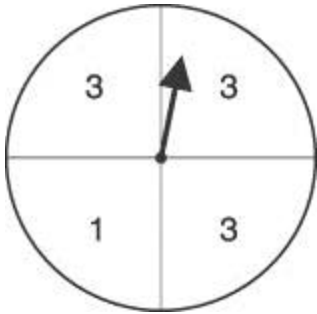A. 153
B. 154
C. 173
D. 770

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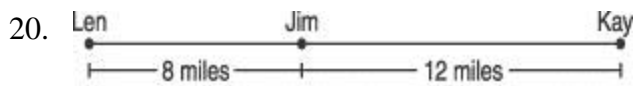
(Answer Key)

1. 703
2. $(3 \times 4) + (3 \times 2)$
3. 32
4. 3.90
5. 110,000
6. $3.00
7. Trip I is shorter.
8. Point F and Point H.
9. 2800

10. mint

11. 3

12. 612

13. "County Fair attendance sets new record"

14. 0.09

15.

16. $\dfrac{2}{9}$

17. 1 hour, 45 minutes

18. 6, 12, 60, 120

19. 249

20.

21. 50 square units

22. 38,595

23. a cone

24. $\dfrac{8}{25}$

25. 154