

inactive

Name: _____

EOG QUIZ

1. Mr. Gragg ordered 3 different colors of balls.
- He ordered 18 of each color of ball.
 - He also ordered some scarves.
 - He ordered 4 times as many scarves as balls

How many scarves did Mr. Gragg order?

- a. 54
 - b. 72
 - c. 216
 - d. 486
2. Petey is buying drinks for a party.
- He needs to buy 50 ounces of drinks.
 - Drinks are sold in only 8- and 12-ounce bottles.
- Which choice shows the least amount of drinks Petey can buy to have enough for the party?
- a. Three 12-ounce packages and two 8-ounce packages
 - b. Five 12-ounce packages
 - c. Two 12-ounce packages and three 8-ounce packages
 - d. Seven 8-ounce packages

3. The Coliseum can hold 24,000 people when it is full. Over the weekend the Mountaineers played 3 basketball games, one each day. Below is a chart of how many people attended the games each day.

Game Day	# of people
Thursday	18,493
Friday	16,498
Saturday	22,489

If the coliseum had been full for each of the games, How many more people could have attended the games over the same 3-day period?

- a. 14,520
 - b. 57,480
 - c. 72,000
 - d. 22,849
4. The high school sold 364 mattresses for a fundraiser.
- They sold 7 of each type of mattress.
 - They sold an equal number of mattresses.

How many of each brand of mattresses did the school sell?

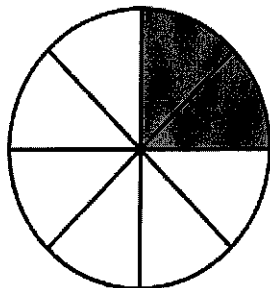
- a. 50
- b. 51
- c. 52
- d. 448

5. The chess club went to a tournament last Saturday. Each team member had to pay a \$14 entry fee. There were 32 team members on the trip. What was the total amount the team members paid?

- a. \$350
- b. \$376
- c. \$400
- d. \$448

6. What fraction of the circle is shaded?

- a. $\frac{1}{4}$
- b. $\frac{1}{2}$
- c. $\frac{3}{4}$
- d. $\frac{6}{8}$



7. Danielle has a set of red, green, and blue cars.

- The red cars make up exactly $\frac{1}{2}$ of the set.
- The set has 2 blue cars
- The number of green cars is twice the number of blue cars.

How many cars are in Danielle's set?

- a. 4
- b. 6
- c. 8
- d. 12

8. Benny has 3 boxes of bricks

- Each box has 120 bricks.
- He built a house with $\frac{1}{3}$ of the bricks out of each of the boxes.

How many bricks did Benny use to build the tower?

- a. 40
- b. 80
- c. 120
- d. 160

9. Kahlan had 180 shirts in her closet. She gave $\frac{3}{10}$ of the shirts to Millie. How many shirts does Kahlan have left in her closet?

- a. 54
- b. 83
- c. 126
- d. 134

10. Samuel has three times as many pencils as Jennifer. Together they have 108 pencils. How many pencils does Samuel have?

- a. 14
- b. 27
- c. 36
- d. 81

11. There were 32 brown bears in a cave.
- Twice as many black bears ran into the cave.
 - Then half of the brown bears left the cave.

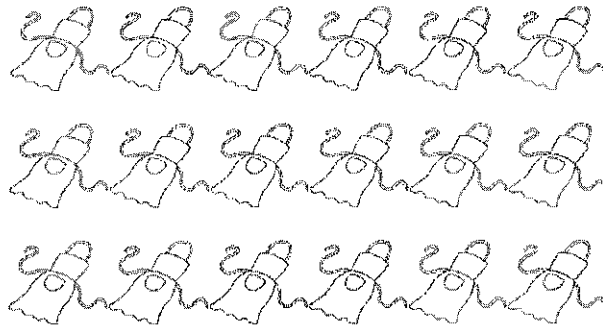
How many bears remained in the cave?

- a. 120
 - b. 100
 - c. 80
 - d. 48
12. Myrtle Beach is 2,218 miles from Taylorsville, Utah. Niagara Falls is 625 miles from Taylorsville, NC. What is the difference between the two measures?
- a. 1,479
 - b. 1,593
 - c. 2,689
 - d. 2,843
13. Over the weekend 6,249 people visited Dolly Wood. Each person received 7 free tickets when they entered the park. How many tickets did the park give away?
- a. 892
 - b. 1,416
 - c. 40,325
 - d. 43,743

14. There are 593 students going to the Hiddenite Center on Saturday. They will tour the center in groups of up to 4. How many groups will be needed?

- a. 148
- b. 149
- c. 2,372
- d. 3,876

15. Jill had a set of 18 aprons.



Then she gave her sister 6 aprons. What fraction of Jill's set did Jill give to her sister?

- a. $\frac{1}{2}$
- b. $\frac{1}{3}$
- c. $\frac{1}{4}$
- d. $\frac{1}{6}$

16. Jessie gave $12\frac{5}{8}$ pints of water to her chickens on Friday. She gave them $13\frac{2}{8}$ pints of water on Saturday. What is the total amount of water Jessie used to water her chickens Friday and Saturday?

a. $25\frac{3}{8}$ pints

b. $25\frac{7}{8}$ pints

c. $1\frac{3}{8}$ pints

d. $1\frac{7}{8}$ pints

17. What is the value of N in the equation? $5 \times \frac{2}{5} = N$

a. $\frac{10}{15}$

b. $\frac{7}{5}$

c. 2

d. 3

18. Jasmine poured $\frac{40}{100}$ liter of water on her plant. Cheyenne poured $\frac{2}{10}$ liter of water onto the same plant. What was the total amount of water the girls poured onto the plant?

a. $\frac{42}{100}$ liter

b. $\frac{24}{100}$ liter

c. $\frac{6}{10}$ liter

d. $\frac{42}{10}$ liter

19. Sally and Bob went fishing.

- Sally caught 7 times as many fish as Bob.
- Bob caught 14 fish.

Which equation could be used to show how many fish Sally caught?

- a. $14 + 7 = n$
- b. $14 - 7 = n$
- c. $14 \times 7 = n$
- d. $14 / 7 = n$

20. Which fraction is equivalent to $\frac{75}{100}$?

- a. $\frac{3}{4}$
- b. $\frac{1}{2}$
- c. $\frac{1}{4}$
- d. 1

21. Marcella and Abby went jogging. The distance Abby jogged was farther than the distance Marcella jogged. Marcella jogged $\frac{7}{10}$ of a mile. Which could be the distance Abby jogged?

- a. $\frac{4}{5}$ mile
- b. $\frac{2}{3}$ mile
- c. $\frac{1}{2}$ mile
- d. $\frac{3}{10}$ mile

Calculator Active

22. Which number is a multiple of 7?
- a. 48
 - b. 53
 - c. 78
 - d. 84
23. One number has 20 thousands, 3 hundreds, and 30 tens. Another number has 40 hundreds and 70 ones. Which correctly compares the two numbers?
- a. $20,600 > 4,070$
 - b. $26,000 > 4,700$
 - c. $20,030 > 47,000$
 - d. $20,330 > 470$
24. During the first year a pet store sold 28,480 fish. During the second year, the pet store sold 3,000 more fish than were sold the first year. What is the total number of fish sold during the first two years, rounded to the nearest 1,000?
- a. 59,000
 - b. 60,000
 - c. 25,000
 - d. 26,000

25. Which choice is equal to 3.4?

a. $3 \frac{2}{5}$

b. $\frac{3}{4}$

c. $3 \frac{4}{100}$

d. $\frac{4}{3}$

26. Maryellen has 8 gallons of water. How many pints of water does she have?

a. 16

b. 32

c. 64

d. 128

27. The lengths and widths of four rectangles are shown below. Which rectangle has a perimeter of 40 ft?

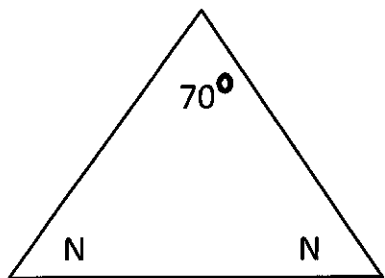
a. Length = 10 ft, width = 10 ft

b. Length = 20 ft, width = 20 ft

c. Length = 4 ft, width = 10 ft

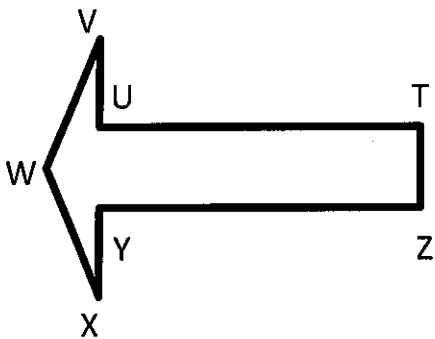
d. Length = 5 ft, width = 8 ft

28. The sum of the measure of the three angles in a triangle is 180° .



What is the value of N ?

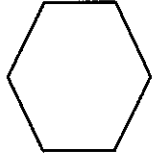
- a. 45
 - b. 55
 - c. 60
 - d. 70
29. Which angle in the drawing below is an obtuse angle?



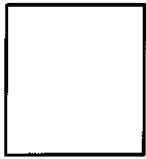
- a. $\angle VWX$
- b. $\angle VUT$
- c. $\angle XYZ$
- d. $\angle WVU$

30. Which shape has a line of symmetry that creates two triangles?

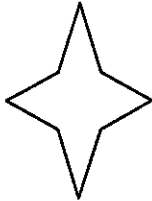
a.



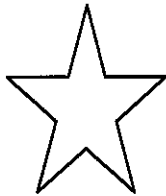
b.



c.



d.



31. What are the next three numbers in this pattern?

8,000 8,004 8,008 8,016 8,032 8,064

a. 8,128 8,256 8,512

b. 8,072 8,167 8,142

c. 8,128 8,184 8,256

d. 8,072 8,128 8,256

32. Which choice has a total of 5,480?

- a. 54 hundreds and 80 tens
- b. 50 hundreds and 48 tens
- c. 54 hundreds and 84 tens
- d. 50 hundreds and 84 tens

33. A radio station is collecting can food for food drive.

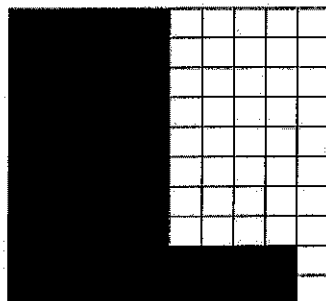
- The goal is to collect 1,200 cans of food.
- On Monday, the radio station collected 20 boxes of 19 cans of food.
- On Tuesday, the radio station collected 34 boxes of 18 cans of food.

Which is the closest to the number of cans of food the radio station still needs to collect meet its goal?

- a. 200
- b. 300
- c. 400
- d. 500

34. Which decimal is less than the fraction shaded in the grid below?

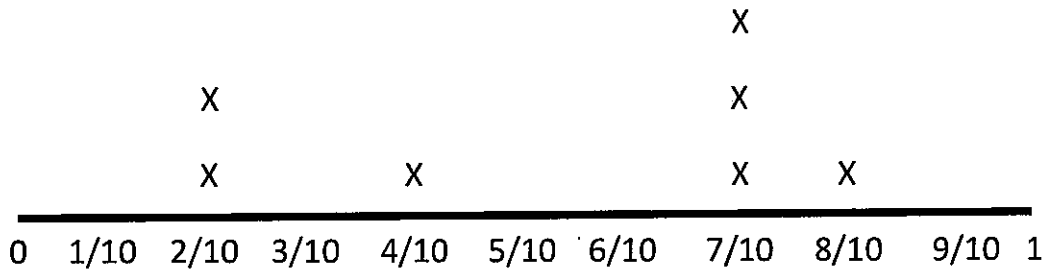
- a. 0.56
- b. 0.58
- c. 0.60
- d. 0.62



35. Addison got to the mall at 6:20. While she was there she at dinner for 45 minutes, and shopped for 25 mintues. At what time did Addison leave the mall?

- a. 7:20
- b. 7:25
- c. 7:30
- d. 7:35

36. Using the figure below, what is the difference in the lengths between the longest and the shortest?

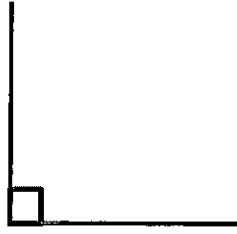


- a. $\frac{2}{3}$
- b. $\frac{4}{5}$
- c. $\frac{7}{10}$
- d. $\frac{3}{5}$

37. A sprinkler rotates 45° every 15 seconds. How long does it take the sprinkler to rotate 360° ?
- a. 30 seconds
 - b. 1 minute
 - c. 2 minutes
 - d. 5 minutes

38. What kind of angle is show here?

- a. A right angle
- b. An acute angle
- c. An obtuse angle
- d. A straight angle



39. The sides of an equilateral triangle measure 3 centimeters long. How many lines of symmetry does the triangle have?
- a. 1
 - b. 2
 - c. 3
 - d. 4

40. A street is 24 yards long. How many inches long is the street?
- a. 824
 - b. 864
 - c. 894
 - d. 904
41. Which statement best describes a rectangle?
- a. Two pairs of parallel lines
 - b. More than 2 right angles, and one set of parallel lines
 - c. Two pairs of parallel lines, four right angles
 - d. Two pairs of parallel lines, four right angles, and all sides are equal
42. Susie went to the market with her 2 brothers. Susie bought $\frac{1}{8}$ of the butterscotch candy. One of her brothers bought $\frac{2}{8}$ of the butterscotch candy. The other brother bought $\frac{3}{8}$ of the butterscotch candy. What fraction of the candy did Susie and her brother buy?
- a. $\frac{2}{4}$
 - b. $\frac{5}{8}$
 - c. $\frac{3}{4}$
 - d. $\frac{2}{3}$

43. Mr. Brown rounded the size of his farm to the nearest thousand acre. His estimate was 1,800 acres. What number could be the exact size of the farm?
- a. 1,894
 - b. 1,723
 - c. 1,921
 - d. 1,822

Scores

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