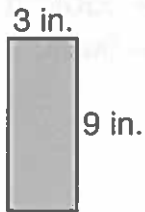


Name _____

Choose the best answer.

1. Choose the perimeter.



- a. 12 in.
- b. 27 in.
- c. 24 in.
- d. 27 in.²

6. Choose the value of the underlined digit.

317.85

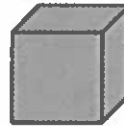
- a. 5
- b. 0.5
- c. 0.05
- d. 50

2. Divide mentally.

$$90 \overline{)7200}$$

- a. 8
- b. 80
- c. 800
- d. 8000

7. How many vertices does this figure have?



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

3. Choose the correct decimal.

$$12 \frac{6}{100}$$

- a. 12.60
- b. 12.06
- c. 12.66
- d. 12.006

8. Estimate the quotient.

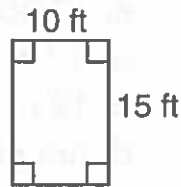
$$427 \div 18$$

- a. about 2
- b. about 20
- c. about 200
- d. about 100

4. $30 \overline{)165}$

- a. 5 R 15
- b. 50 R 5
- c. 50 R 15
- d. not given

9. Choose the area.



- a. 25 sq ft
- b. 50 sq ft
- c. 105 sq ft
- d. 150 sq ft

5. Choose the value of n .

$$n \div 9 = 18 - 8$$

- a. 81
- b. 72
- c. 90
- d. 99

10. Compare.

$$54 \div 2 \quad ? \quad 17 + 9$$

- a. <
- b. >
- c. =

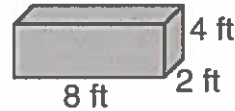
Choose the best answer.

11. Compare.

$$20.05 \text{ ? } 20.50$$

- a. >
- b. =
- c. <

16. Choose the volume.



- a. 14 cubic ft
- b. 16 cubic ft
- c. 34 cubic ft
- d. 64 cubic ft

12. $35 \overline{) \$.70}$

- a. \$.18
- b. \$.22
- c. \$.20
- d. \$.02

17. $67 - 3.82$

- a. 63.18
- b. 64.82
- c. 64.22
- d. 64.27

13. $36 \div 3 + 9$

- a. 4
- b. 3
- c. 21
- d. 27

18. $7 \times (22 + 8) - 5$

- a. 210
- b. 205
- c. 154
- d. 157

14. Round to the nearest tenth.

$$12.54$$

- a. 12.55
- b. 12.5
- c. 12.6
- d. not given

19. $73 \overline{) 5988}$

- a. 82 R 2
- b. 820 R 2
- c. 71 R 14
- d. 710 R 14

15. Each ticket seller sold 43 tickets to a total of 387 students. How many ticket sellers were there?

- a. 9 b. 90 c. 8 d. 80

20. **Tell About It**

Solve. Explain how you solved the problem.

Mr. Green drove 38.55 miles to one town and then 47.85 miles to another. How far did he drive?

Name _____

Choose the best answer.

1. Choose the value of the underlined digit.

643,291,005

- a. 40,000,000
- b. 400,000,000
- c. 40,000
- d. 4

6.
$$\begin{array}{r} 607 \\ \times 48 \\ \hline \end{array}$$

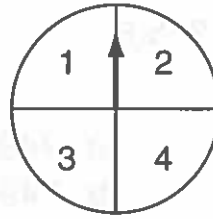
- a. 28,736
- b. 29,636
- c. 29,136
- d. 9336

2. Choose the mean.

346, 592, 876, 1398

- a. 3212
- b. 803
- c. 80
- d. 12,848

7. Choose the probability of the spinner landing on 3.



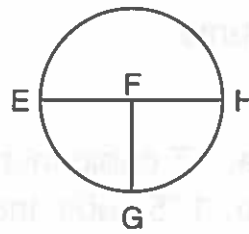
- a. 1 out of 4
- b. 2 out of 4
- c. 3 out of 4
- d. not given

3. Compare.

7 ft ? 96 in.

- a. <
- b. >
- c. =

8. Choose the diameter.



- a. \overline{EF}
- b. \overline{FH}
- c. \overline{FG}
- d. \overline{EH}

4. Choose the equivalent fraction.

$\frac{3}{4}$

- a. $\frac{2}{8}$
- b. $\frac{6}{8}$
- c. $\frac{4}{8}$
- d. $\frac{12}{8}$

9. $\frac{7}{10} - \frac{2}{5}$

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

5. $\frac{4}{12} + \frac{3}{4}$

- a. $\frac{10}{12}$
- b. $1\frac{1}{12}$
- c. $\frac{7}{4}$
- d. not given

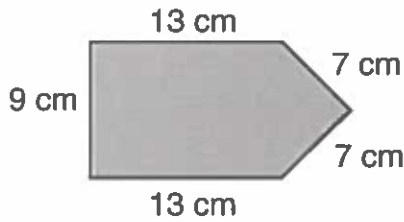
10. Name the figure.



- a. ray
- b. line
- c. line segment
- d. angle

Choose the best answer.

11. Choose the perimeter.



- a. 42 cm
- b. 49 cm
- c. 58 cm
- d. 40 cm

16. $779 \div 76$

- a. 10 R 19
- b. 10 R 29
- c. 9 R 95
- d. 9

12. $15 \overline{) \$45.75}$

- a. \$0.35
- b. \$3.05
- c. \$3.50
- d. not given

17. $26.5 - 0.63$

- a. 25.97
- b. 25.83
- c. 25.87
- d. not given

13. $33.25 + 0.16 + 215.8$

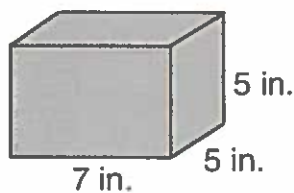
- a. 249.14
- b. 249.24
- c. 248.24
- d. not given

18. Choose the area.



- a. 84 sq cm
- b. 67 sq cm
- c. 42 sq cm
- d. 425 sq cm

14. Choose the volume.



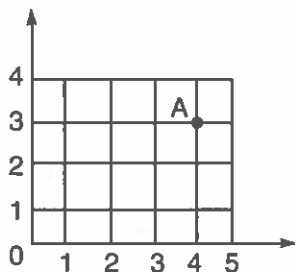
- a. 17 cubic inches
- b. 175 cubic inches
- c. 35 cubic inches
- d. not given

19. Choose the value of f .

$$3 \times (f + 9) = 3 \times (2 \times 5)$$

- a. 10
- b. 5
- c. 1
- d. 2

15. Choose the ordered pair that gives the location of point A.



- a. (3,4)
- b. (4,3)
- c. (3,3)
- d. (4,4)

20. Round to the nearest tenth.

83.06

- a. 83.06
- b. 83.6
- c. 83.1
- d. not given

Choose the best answer.

21. $\begin{array}{r} \$47.19 \\ + 35.82 \\ \hline \end{array}$

- a. \$83.01
- b. \$93.01
- c. \$22.91
- d. \$93.91

26. Choose the related division fact to find the value of m .

$8 \times m = 40$

- a. $40 \div 5 = 8$
- b. $40 \div 8 = 5$
- c. $40 \div 4 = 10$
- d. $40 \div 10 = 4$

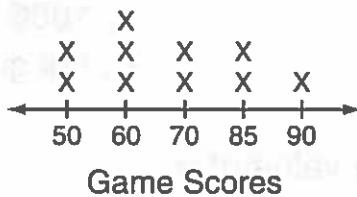
22. $\begin{array}{r} 9716 \\ - 2358 \\ \hline \end{array}$

- a. 7308
- b. 7408
- c. 7358
- d. not given

27. $\begin{array}{r} 8000 \\ - 5372 \\ \hline \end{array}$

- a. 3738
- b. 2738
- c. 2627
- d. 2628

23. Choose the range of the scores on this line plot.



- a. 40
- b. 60
- c. 70
- d. 71

28. Choose the rule.

Rule: ?	
Input	Output
6	54
8	72
9	81

- a. + 48
- b. $\times 8$
- c. $\times 7$
- d. not given

24. Choose the greatest common factor (GCF) of 10 and 40.

- a. 2
- b. 5
- c. 10
- d. 20

29. $\begin{array}{r} 639 \\ \times 47 \\ \hline \end{array}$

- a. 30,033
- b. 30,003
- c. 29,023
- d. 29,833

25. Choose the value of the expression.

$n - 44$, when $n = 70$

- a. 114
- b. 104
- c. 26
- d. 36

30. Compare.

$5000 \text{ g} \ ? \ 5 \text{ kg}$

- a. =
- b. >
- c. <

Choose the best answer.

31. 40×800

- a. 320
- b. 3200
- c. 32,000
- d. 320,000

36. Compare.

$$\frac{7}{12} \quad ? \quad \frac{3}{4}$$

- a. =
- b. >
- c. <

32. Complete the pattern.

5, 15, 12, 22, 19, ?

- a. 29
- b. 16
- c. 32
- d. not given

37. Choose the part of the number.

$\frac{3}{5}$ of 45

- a. 9
- b. 7
- c. 21
- d. 27

33. It is 18 minutes to 9 in the evening.
What time is it?

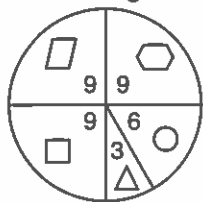
- a. 9:18 A.M.
- b. 9:18 P.M.
- c. 8:42 P.M.
- d. 8:52 P.M.

38. $24 \overline{)2544}$

- a. 16
- b. 106
- c. 1006
- d. not given

34. What fraction of students chose hexagon or square?

Favorite Design Pattern



- a. $\frac{1}{4}$
- b. $\frac{3}{4}$
- c. $\frac{1}{2}$
- d. not given

39. Choose the value of n .

$$23 \times n = 120 - 5$$

- a. 3
- b. 4
- c. 5
- d. 115

35. A set of CDs usually costs \$45.00.
Joan buys them on sale for \$36.75.
She pays with four \$10 bills. How
much does she save?

- a. \$5.00
- b. \$3.25
- c. \$4.25
- d. \$8.25

40. **Tell About It**

Solve. Explain how you solved the problem.

Mark wants 3 shirts at \$7.59 each and 2 pairs of socks at \$3.75 each. If he has saved \$18.60, how much more money does he need?