Choose the correct answer.

**1.** Clara looked at the clock on her way to band practice.

What time is shown on Clara's clock?

Ⓐ thirteen minutes before three

Ⓑ thirteen minutes after three

Ⓒ thirteen minutes before four

Ⓓ forty-five minutes after three

2. Omar started his math homework at 4:20 P.M. and finished his math homework at 4:44 P.M. For how long did Omar do his math homework?

Ⓐ 14 minutes   Ⓒ 26 minutes

Ⓑ 24 minutes   Ⓓ 34 minutes

3. Mrs. Crocker fills a container with 17 liters of water. She then fills another container with 24 liters of water. What is the total liquid volume of water in both containers?

Ⓐ 7 liters   Ⓒ 38 liters

Ⓑ 31 liters   Ⓓ 41 liters

4. Travis uses an inch ruler to measure a ribbon.
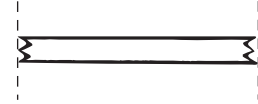
What is the length of the ribbon to the nearest fourth inch?

Ⓐ $1\frac{1}{2}$ inches

Ⓑ $1\frac{1}{4}$ inches

Ⓒ 1 inch

Ⓓ $\frac{1}{4}$ inch

5. The pep club sells water bottles during the school football games. The pep club sold 146 bottles during last Friday's game and 231 water bottles during this Friday's game. How many water bottles did the pep club sell altogether?

Ⓐ 277

Ⓑ 367

Ⓒ 377

Ⓓ 387

GO ON

6. A movie theater recorded the number of people at the late night showing of three movies. The table shows how many people were at each movie.

Movie Attendance

Movie Title	Number of People
Super Heroes	116
Go Team!	183
Laugh City	205

Which is the **best** estimate of how many more people watched Laugh City than Super Heroes?

(A) 100

(C) 300

(B) 200

(D) 400

7. Maria writes a number sentence that shows the Commutative Property of Addition. Which could be Maria's number sentence?

(A) $(19 + 21) + 4 = 19 + (21 + 4)$

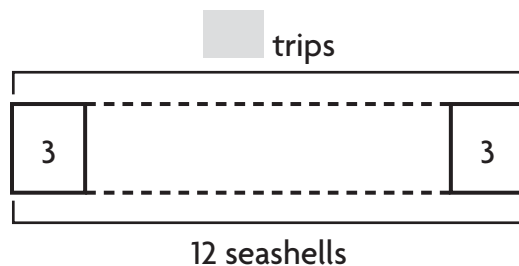(B) $0 + 27 = 27$

(C) $58 = 50 + 8$

(D) $4 + 71 = 71 + 4$

8. The Snack Shack had 145 bottles of apple juice. It sold 119 bottles of apple juice. How many bottles of apple juice are left?

(A) 16

(C) 36

(B) 26

(D) 126

9. John pays $7 for some packs of pencils. Each pack of pencils costs $1. How many packs of pencils does John buy?

(A) 0

(C) 7

(B) 1

(D) 14

10. Todd has 12 seashells from his trips to the beach. He has 3 seashells from each of his trips. How many trips to the beach has Todd gone on?

trips

3		3

12 seashells

(A) 4

(C) 9

(B) 8

(D) 36

GO ON

11. Brad has 15 model cars. He places an equal number of model cars onto 3 shelves.

How many model cars are on each shelf?

(A) 3

(C) 6

(B) 5

(D) 8

12. Hector writes a set of related facts. One of the facts he writes is $28 \div 4 = 7$. Which equation is included in the same set of related facts?

(A) $4 \times 7 = 28$

(C) $21 \div 7 = 3$

(B) $2 \times 7 = 14$

(D) $32 \div 8 = 4$

13. Ming uses $\frac{3}{4}$ cup of peanuts and $\frac{1}{4}$ cup of raisins to make a snack. Which statement correctly compares the fractions?

(A) $\frac{3}{4} = \frac{1}{4}$

(C) $\frac{3}{4} < \frac{1}{4}$

(B) $\frac{1}{4} > \frac{3}{4}$

(D) $\frac{3}{4} > \frac{1}{4}$

14. In a survey, $\frac{1}{2}$ of the students chose summer as their favorite season and $\frac{1}{8}$ chose winter. Which statement correctly compares the fractions?

(A) $\frac{1}{2} = \frac{1}{8}$

(B) $\frac{1}{2} < \frac{1}{8}$

(C) $\frac{1}{8} < \frac{1}{2}$

(D) $\frac{1}{8} > \frac{1}{2}$

15. Tony makes a tile design with square tiles. He wants $\frac{4}{8}$ of the tiles to be red.

Which fraction is equivalent to $\frac{4}{8}$?

(A) $\frac{1}{4}$

(B) $\frac{1}{3}$

(C) $\frac{1}{2}$

(D) $\frac{3}{4}$

GO ON

16. Mr. Corbin measures the lengths of three branches. The first branch is $\frac{2}{3}$ foot long. The second branch is $\frac{2}{2}$ foot long. The third branch is $\frac{2}{8}$ foot long. Which list orders the fractions from **greatest** to **least**?

Ⓐ $\frac{2}{3}, \frac{2}{8}, \frac{2}{2}$

Ⓑ $\frac{2}{2}, \frac{2}{8}, \frac{2}{3}$

Ⓒ $\frac{2}{8}, \frac{2}{2}, \frac{2}{3}$

Ⓓ $\frac{2}{2}, \frac{2}{3}, \frac{2}{8}$

17. Sara was doing her math homework. She wrote:

$$6 + 6 + 6$$

Which is another way to show what Sara wrote?

Ⓐ 3×3

Ⓒ $6 + 3$

Ⓑ 3×6

Ⓓ 6×6

18. Mrs. Risley looked in 7 baskets for yarn. In each basket she found 0 balls of yarn. Which sentence represents the total number of balls of yarn Mrs. Risley found?

Ⓐ $7 \times 0 = 0$

Ⓑ $7 + 0 = 7$

Ⓒ $7 \times 1 = 7$

Ⓓ $7 - 7 = 0$

19. There are 4 packages of granola bars left in a box. Each package contains 2 granola bars.
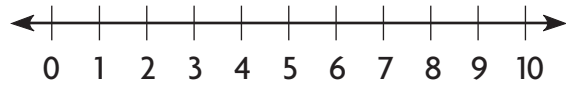
How many granola bars are left in the box in all?

Ⓐ 2

Ⓑ 6

Ⓒ 8

Ⓓ 10

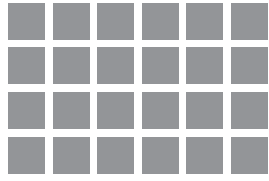**20.** Miss Rourke divided her class into 2 groups. Each group had 8 students.
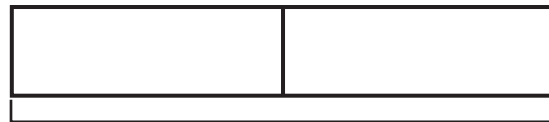
▢ students

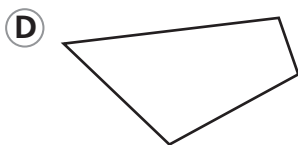How many students are in Miss Rourke's class in all?
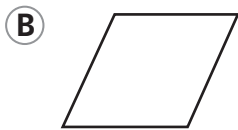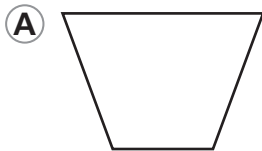
Ⓐ 4

Ⓑ 10

Ⓒ 14

Ⓓ 16

GO ON ➤

21. Kayla drew an array to show the number of desks in her classroom.
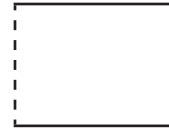

Which multiplication sentence shows the total number of desks in Kayla's classroom?

- Ⓐ $4 \times 6 = 24$
- Ⓑ $4 \times 7 = 28$
- Ⓒ $4 \times 4 = 16$
- Ⓓ $3 \times 6 = 18$

22. Franco draws a quadrilateral with four right angles. Which shape does Franco draw?

Ⓐ

Ⓑ

Ⓒ

Ⓓ

23. Edward draws a quadrilateral.

Which word can be used to describe the dashed sides of his quadrilateral?

- Ⓐ parallel
- Ⓑ perpendicular
- Ⓒ point
- Ⓓ triangle

24. Which capital letter appears to have an angle that is less than a right angle?

- Ⓐ T
- Ⓑ E
- Ⓒ L
- Ⓓ Y

25. Ariana drew a polygon with 5 sides. What is the name of the polygon she drew?

- Ⓐ octagon
- Ⓑ pentagon
- Ⓒ hexagon
- Ⓓ triangle

GO ON

26. The third-grade class has 32 students. The students stand in 4 equal rows during a concert. How many students stand in each row?

Ⓐ 6

Ⓑ 7

Ⓒ 8

Ⓓ 9

27. Mr. Marshall buys 3 gift cards to the electronics shop. Each gift card is worth $40. What is the total cost of the 3 gift cards?

Ⓐ $43

Ⓑ $80

Ⓒ $90

Ⓓ $120

28. An elephant can drink about 40 gallons of water in a day. How many gallons of water can an elephant drink in 5 days?

Ⓐ 20

Ⓑ 200

Ⓒ 400

Ⓓ 9,000

29. A student makes a table as part of a science project.

Spiders	2	3	4	5	6
Legs	16	24	32	40	48

Which of the following describes a pattern shown in the table?

Ⓐ Multiply the number of spiders by 8.

Ⓑ Multiply the number of spiders by 6.

Ⓒ Add 8 legs for each spider.

Ⓓ Add 12 legs for each spider.

30. Ana divided 42 pennies into 7 different piles. Each pile has the same number of pennies. How many pennies did Ana put in each pile?

$$42 \div 7 = a$$

$$7 \times a = 42$$

Ⓐ 4

Ⓑ 5

Ⓒ 6

Ⓓ 8

GO ON

31. Mario found 60 acorns. He put 10 acorns in each bag. How many bags did Mario use?

(A) 2   (C) 6

(B) 3   (D) 10

32. Kwan has 4 boxes of crayons. Each box has the same number of crayons. He lost 5 crayons. Now he has 27 crayons. How many crayons were in each box?
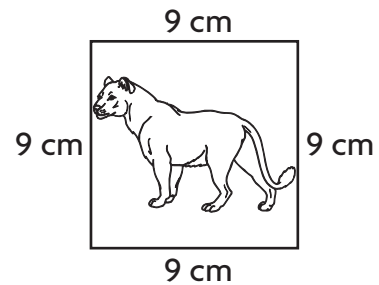
(A) 8   (C) 32

(B) 9   (D) 36

33. Carla uses the order of operations to find the unknown number.

$$2 + 6 \times 3 = b$$

What is the unknown number?

(A) $b = 8$

(B) $b = 18$

(C) $b = 20$

(D) $b = 24$

34. Bill drew this picture.

9 cm

9 cm   9 cm
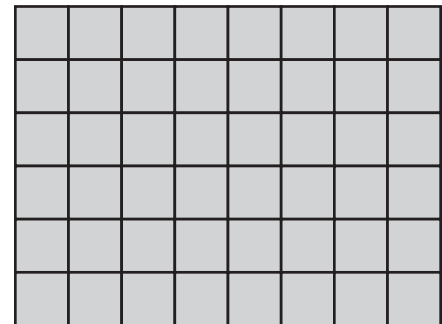
9 cm

What is the perimeter of Bill's picture?

(A) 18 centimeters

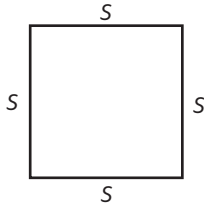(B) 27 centimeters

(C) 36 centimeters

(D) 81 centimeters

35. The drawing shows Erik's plan for a dog run. Each unit square is 1 square foot.

Which equation can Erik use to find the area of the dog run?

(A) $6 + 8 + 6 + 8 = 28$

(B) $6 \times 8 = 48$

(C) $6 \times 6 = 36$

(D) $8 \times 8 = 64$

GO ON

36. Hasan uses a ruler to draw a square. The perimeter of the square is 16 inches.


What is the length of one side of the square?

(A) 64 inches

(B) 10 inches

(C) 8 inches

(D) 4 inches

37. Mrs. Parker has two gardens in her yard. The first garden is 6 feet long and 4 feet wide. The second garden is the same length as the first garden. The area of the second garden is twice the area of the first garden. What is the width of the second garden?

(A) 2 feet

(B) 3 feet

(C) 6 feet

(D) 8 feet

38. Franklin is making a bar graph to show the favorite lunch choices of his classmates. Which lunch choice will have the longest bar in his graph?

(A) 6 votes for tacos

(B) 3 votes for tuna melts

(C) 8 votes for chicken nuggets

(D) 5 votes for turkey sandwiches

39. The principal made a bar graph to show the number of absent students at school over a five-day period.
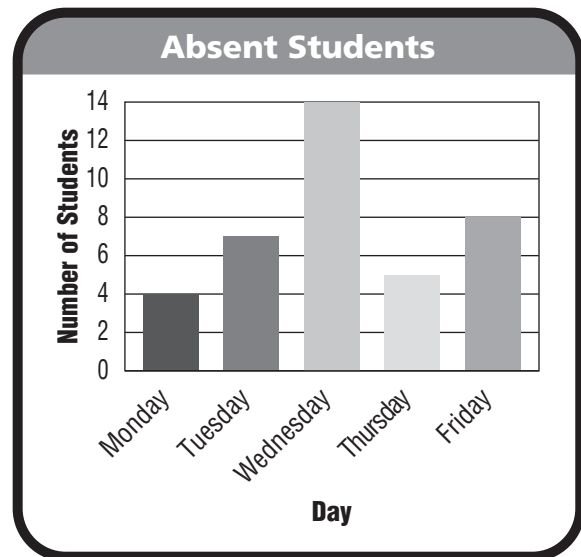
Absent Students

On which day were twice as many students absent as on Tuesday?

(A) Monday   (C) Thursday

(B) Wednesday   (D) Friday

GO ON

40. All 31 students in Sasha's class chose their favorite after-school club. Sasha shows the number of students that chose each club in a tally table.

Favorite After-School Clubs	
After-School Club	**Tally**
Chess	IIII
Music	JHT JHT I
Computer	JHT IIII
Sports	JHT II

How many students chose either the computer club or the chess club?

(A) 4   (C) 13

(B) 9   (D) 14

41. A third-grade class made a picture graph to show the number of students who walk to school. This is the key to their picture graph.

Key: Each ☺ = 2 students.

How many students does ☺☺☺ stand for?

(A) 2   (C) 4

(B) 3   (D) 5

42. There are 5 areas in the science fair. In each area, there are 9 projects. How many projects are in the science fair?

(A) 14   (C) 40

(B) 36   (D) 45

43. A fair booth has 8 fishbowls on display. Each fishbowl has 3 clownfish in it. How many clownfish are on display in the fair booth?

(A) 24   (C) 18

(B) 21   (D) 11

44. Valerie has 2 envelopes in each of her 3 drawers. Each envelope has 6 stickers. How many stickers does she have in all?

(A) 6   (C) 18

(B) 12   (D) 36

GO ON

45. Jamie writes a number sentence that is an example of the Distributive Property. Which shows Jamie's number sentence?

(A) $8 \times 9 = 70 + 2$

(B) $8 \times 9 = 8 \times (5 \times 4)$

(C) $8 \times 9 = (8 \times 5) + (8 \times 4)$

(D) $8 \times 9 = 9 \times 8$

48. Raul divides this shape into equal parts.

What is the name for the parts?

(A) thirds

(B) eighths

(C) fourths

(D) halves

46. Jordana wants to make $1.25 using dollars, half dollars, and quarters. How many different ways can she make $1.25?

(A) 3   (C) 5

(B) 4   (D) 6

49. Wendy uses 20 beads to make a bracelet. One fourth of the beads are red. How many of the beads are red?
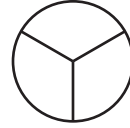
(A) 4   (C) 8

(B) 5   (D) 10

47. Four friends share 6 cookies equally.

How much does each friend get?

(A) 1 whole and 1 sixth

(B) 1 whole and 1 fourth

(C) 1 whole and 1 third

(D) 1 whole and 1 half

50. Han has 8 video games. He brings 3 video games to his friend's house. What fraction of his video games does Han bring to his friend's house?

(A) $\frac{3}{8}$ (C) $\frac{3}{5}$

(B) $\frac{5}{8}$ (D) $\frac{8}{3}$

STOP