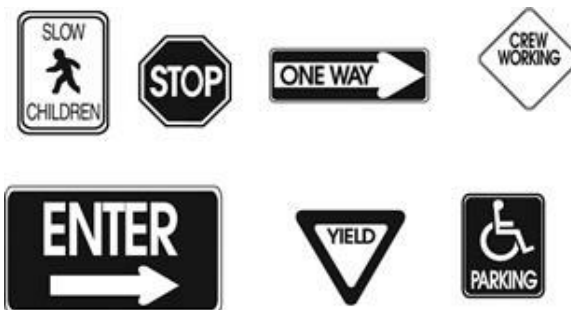


TEST NAME: **January #2 Brain Breakfast Review**
TEST ID: **3502541**
GRADE: **03 - Third Grade**
SUBJECT: **Mathematics**
TEST CATEGORY: **My Classroom**

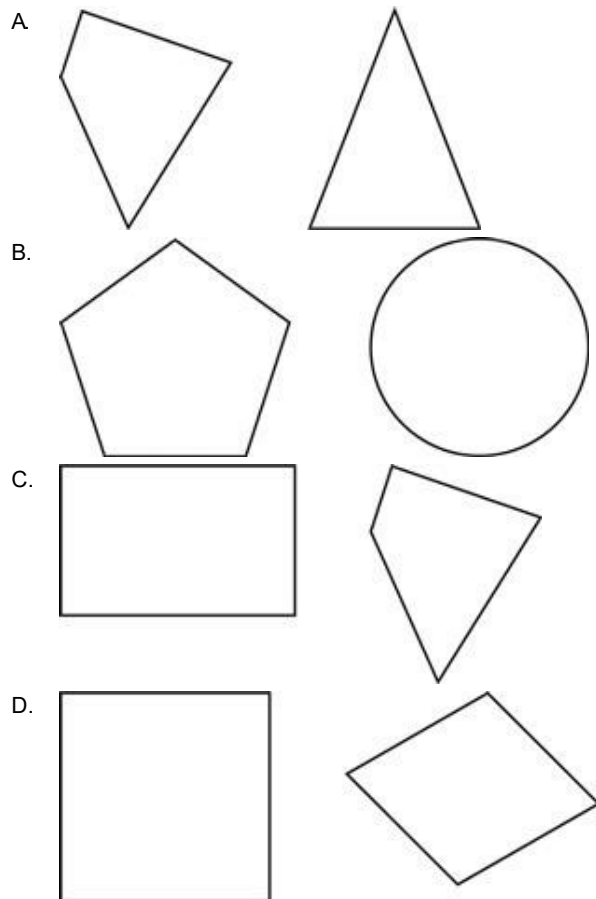
Student: _____
Class: _____
Date: _____

1. How many of the signs appear to be square?



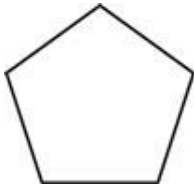
- A. 0
- B. 1
- C. 2
- D. 4

2. Which pair of polygons is a pair of parallelograms?

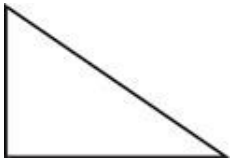


3. Which polygon is a rectangle?

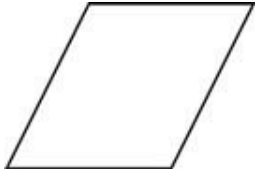
A.



B.



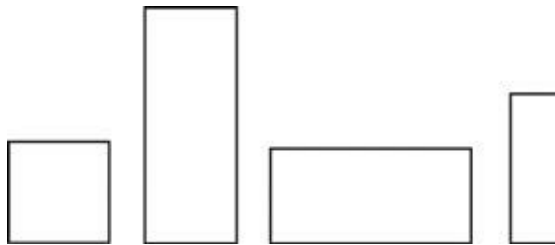
C.



D.



4. Each of the figures below can be classified as which shape?



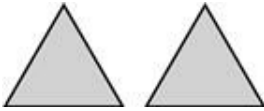
- A. octagon
- B. hexagon
- C. rectangle
- D. pentagon

5. Gus created the following shape by combining two identical polygons.

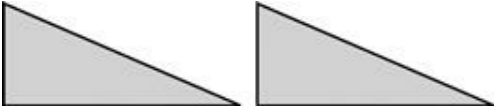


Which combination did he use to create the shape above?

A.



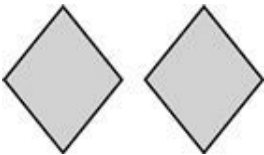
B.



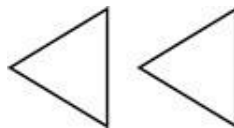
C.



D.



6. Theresa combined the two shapes below, without overlapping, to make a different polygon.

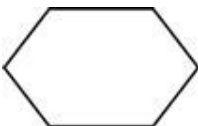


Which figure could be Theresa's polygon?

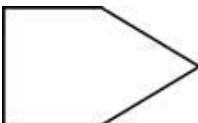
A.



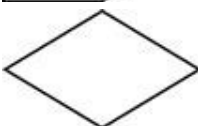
B.



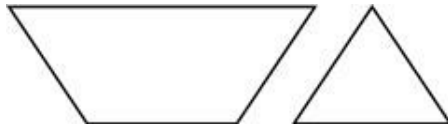
C.



D.



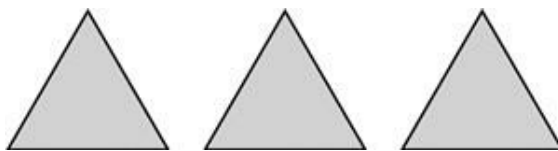
7. Gabi cut out the following shapes.



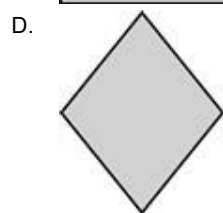
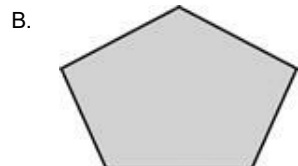
Which figure can Gabi make by combining the shapes, without overlapping?

- A. A rectangle with a horizontal top and bottom edge and vertical left and right edges.
- B. A parallelogram with two horizontal parallel sides and two slanted parallel sides.
- C. A larger trapezoid with a longer bottom base and a shorter top base, formed by combining the original trapezoid and triangle.
- D. A square with four equal sides and four right angles.

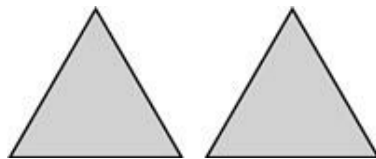
8. Kevin combines the three triangles shown below to make a new figure.



Which figure could Kevin make by combining these triangles, without overlapping?

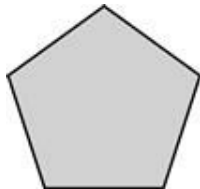


9. Rachel has two pattern blocks as shown below.

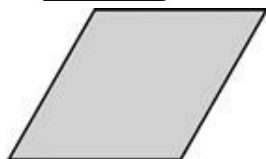


Which of the shapes below can Rachel make by combining her two pattern blocks, without overlapping?

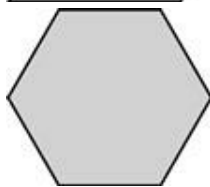
A.



B.



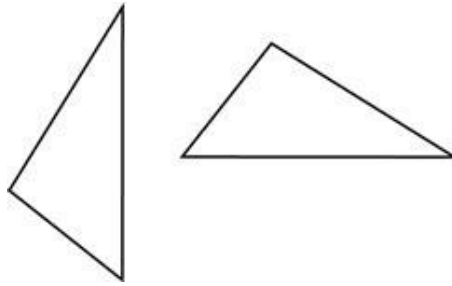
C.



D.

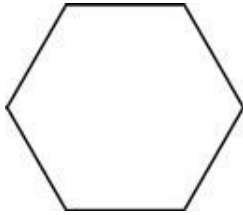


10. A new figure was made by combining these triangles, without overlapping.

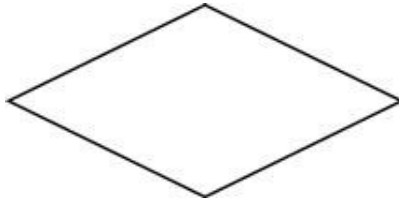


Which shape could be the new figure?

A.



B.



C.



D.

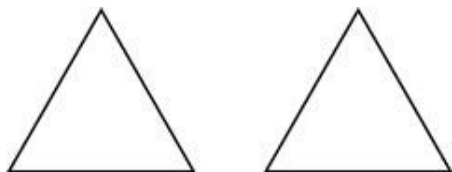


11. Two polygons were combined, without overlapping, to make the polygon below.

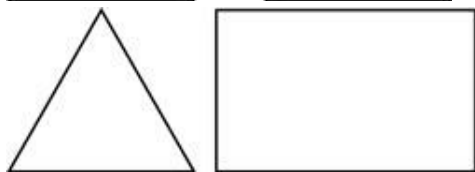


Which figures could be combined to make the polygon shown?

A.



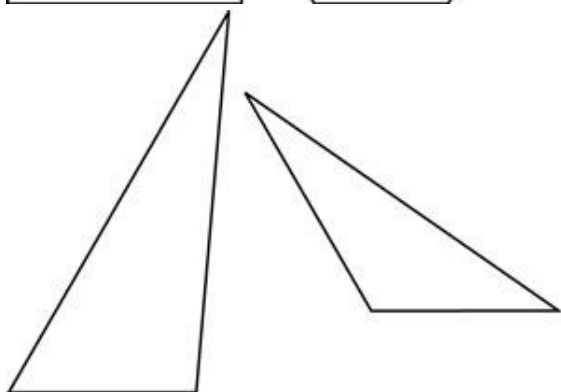
B.



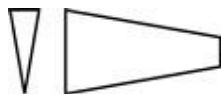
C.



D.



12. Priscilla combined the two shapes below, without overlapping, to make a new polygon.



Which figure could be Priscilla's new polygon?

A.



B.



C.



D.



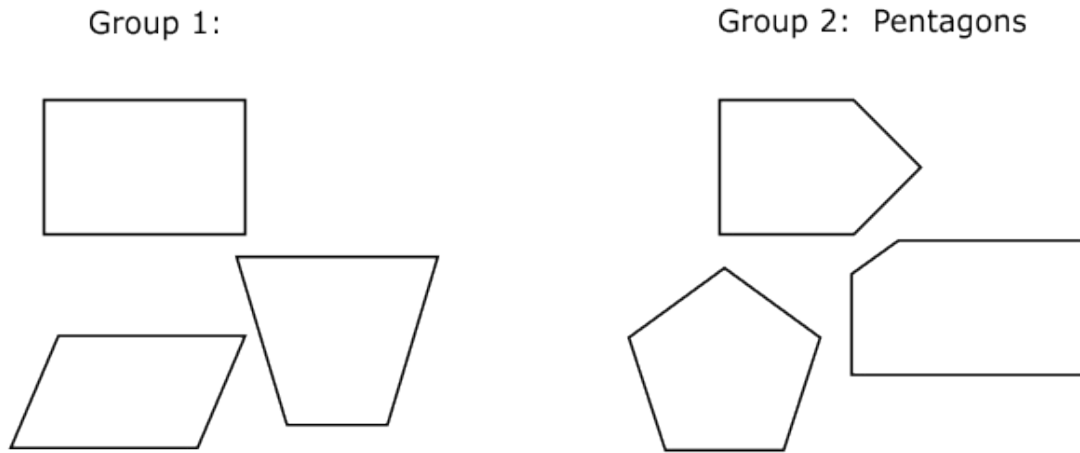
13. Stan created a polygon by combining these figures without overlapping.



Which shape could describe the polygon Stan created?

- A. square
- B. pentagon
- C. triangle
- D. octagon

14. Sandra sorted shapes into two groups, as shown below.



Which title could be used to describe Group 1?

- A. hexagons
 - B. quadrilaterals
 - C. squares
 - D. trapezoids
15. Sarah drew a shape. It was a quadrilateral, and all the sides were the same length. Which shape did Sarah draw?
- A. pentagon
 - B. rhombus
 - C. trapezoid
 - D. triangle
16. **Laura sold 8 packages of candy bars. Mary sold fewer packages than Laura. What is a reasonable total of the number of packages the girls sold together?**
- A. 8
 - B. 14
 - C. 16
 - D. 18

17. Lauren walks to school in 7 minutes. It takes Melanie more time to walk to school. Which could be a reasonable total amount of time the girls take to walk to school?
- A. 7
 - B. 12
 - C. 14
 - D. 16
18. There are 500 seats in a movie theater. There are 362 people sitting in the seats. How many seats are empty?
- A. 262 seats
 - B. 152 seats
 - C. 148 seats
 - D. 138 seats
19. Jacquelyn's mom drove 265 miles on Thursday and 478 miles on Friday. She has 143 miles more to drive on Saturday. **About** how many miles will she drive in all?
- A. 700
 - B. 800
 - C. 900
 - D. 1,000
20. At a school, there are 122 third graders and 146 fourth graders. **About** how many 3rd and 4th graders are there to the nearest ten?
- A. 260
 - B. 270
 - C. 300
 - D. 400

21. Polly subtracted 274 from 382. What is the difference, rounded to the nearest 10?
- A. 90
 - B. 100
 - C. 110
 - D. 120
22. A bakery made 1,011 cookies last week. How many cookies did the bakery make, rounded to the nearest 100?
- A. 900
 - B. 1,000
 - C. 1,010
 - D. 1,100
23. On Sunday, 456 people visited a zoo, 119 visited on Monday, and 239 visited on Tuesday. Rounded to the nearest ten, how many more people visited on Sunday than Tuesday?
- A. 120
 - B. 220
 - C. 300
 - D. 340
24. Jeff collected 662 stamps and Jacob collected 235. **About** how many more stamps did Jeff collect than Jacob to the nearest hundred?
- A. 200
 - B. 400
 - C. 500
 - D. 900

25. On Friday, 781 people attended a concert. On Saturday, 667 people went. Rounded to the nearest ten, **about** how many more people attended on Friday than on Saturday?
- A. 110
 - B. 120
 - C. 130
 - D. 140
26. Last month, Sara ran 142 miles, Ted ran 535 miles, and Jim ran 143 miles. What was the total number of miles the three people ran?
- A. 710 miles
 - B. 720 miles
 - C. 820 miles
 - D. 830 miles
27. Winston has visited 73 museums in the United States. He wants to visit 125 before he turns 18. How many more museums does Winston need to visit?
- A. 42
 - B. 52
 - C. 103
 - D. 152
28. Mabel read 30 minutes each night last week. What is the total number of minutes Mabel read on Monday, Tuesday, Wednesday, and Thursday nights?
- A. 34 minutes
 - B. 90 minutes
 - C. 120 minutes
 - D. 350 minutes

29. Amy counted 3 bags of marbles with 30 marbles in each bag. How many marbles did she count?
- A. 90
 - B. 60
 - C. 33
 - D. 27
30. Which is equal to 5×50 ?
- A. 25
 - B. 25 ones
 - C. 25 tens
 - D. 25 hundreds
31. Sarah drove 614 miles on vacation. Lisa drove 485 miles on her vacation. How many more miles did Sarah drive than Lisa?
- A. 129 miles
 - B. 171 miles
 - C. 239 miles
 - D. 271 miles
32. Mrs. Angelo has 20 students in her class. She asked each student to bring in 4 notebooks. How many total notebooks did the students bring?
- A. 8
 - B. 16
 - C. 24
 - D. 80

33. Amanda saw 7 twenty-dollar bills on a table. How much money did Amanda see?
- A. \$13
 - B. \$27
 - C. \$140
 - D. \$147
34. A table has 6 boxes of colored pencils on it. Each box has 40 pencils in it. How many colored pencils are there in all?
- A. 34
 - B. 46
 - C. 200
 - D. 240
35. Ian read 108 pages of a novel. Later, he read another 114 pages. Rounded to the nearest ten, about how many pages did Ian read?
- A. 200
 - B. 210
 - C. 220
 - D. 300
36. Which expression can be used to check this equation?

$$54 \div 9 = 6$$

- A. $6 + 9$
- B. 6×9
- C. $54 - 9$
- D. $54 + 6$

37. Which multiplication sentence is related to $12 \div 2 = 6$?
- A. $2 \times 6 = 12$
 - B. $2 \times 12 = 24$
 - C. $6 \times 12 = 72$
 - D. $12 \times 12 = 144$
38. David has 20 cookies. He gave an equal number of cookies to each of his 5 friends. How many cookies did each friend receive?
- A. 4
 - B. 5
 - C. 15
 - D. 25
39. Micah decomposed 9×7 to solve a problem. Which expression shows how to do this?
- A. $9 + 2 + 9 + 5$
 - B. $9 \times 2 + 9 \times 5$
 - C. $9 + 2 \times 9 + 5$
 - D. $9 \times 2 \times 9 \times 5$
40. Leah has a pile of books. She puts 9 books in each box. There are 6 boxes. Which equation can Leah use to help find the number of books she has?
- A. $? - 6 = 9$
 - B. $? + 6 = 9$
 - C. $? \div 6 = 9$
 - D. $? \times 6 = 9$

41. How many groups of 6 are in 42?



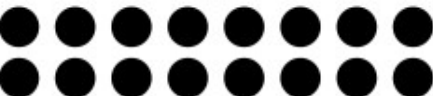

- A. 6
- B. 7
- C. 8
- D. 9

42. Which number sentence belongs to this list of related facts?

$$\begin{array}{l} 5 \times 2 = 10 \\ 2 \times 5 = 10 \\ 10 \div 2 = 5 \end{array}$$

- A. $10 \times 5 = 50$
- B. $10 \times 2 = 20$
- C. $2 \div 10 = 5$
- D. $10 \div 5 = 2$

43. Which array has the same product as 3×8 ?

- A. 
- B. 
- C. 
- D. 

44. Zach shared 20 pieces of gum in a pack with 4 of his friends. How many pieces of gum did Zach and each of his friends get?
- A. 4
 - B. 5
 - C. 15
 - D. 20
45. A librarian places 81 books on 9 shelves in the library. There are the same number of books on each shelf. How many books does the librarian place on each shelf?
- A. 8
 - B. 9
 - C. 72
 - D. 90
46. Sandra planted 18 seeds in 2 rows of her garden. She planted the same number of seeds in each row. How many seeds did Sandra plant in each row?
- A. 8
 - B. 9
 - C. 16
 - D. 20
47. Cady had 63 stickers. She shared them equally among 7 friends. Which number sentence finds how many stickers each friend was given?
- A. 63×7
 - B. $63 \div 7$
 - C. 7×63
 - D. $7 \div 63$

48. Marsha has 36 games to share equally among three friends and herself. How many games will each person get?

- A. 8
- B. 9
- C. 12
- D. 33

49. What does n represent in the equation below?

$$72 \div n = 8$$

- A. 8
- B. 9
- C. 64
- D. 80

50. Which expression is related to $5 \times n = 25$?

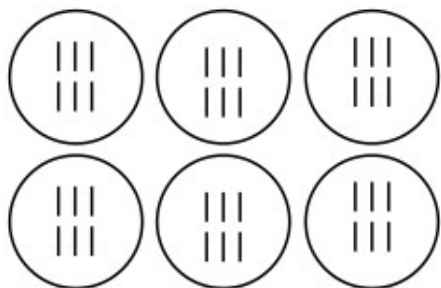
- A. $25 \div 5 = n$
- B. $25 + 5 = n$
- C. $25 \times 5 = n$
- D. $25 - 5 = n$

51. Ellie places 20 trophies on 4 shelves in her bedroom. She puts the same number of trophies on each shelf. How many trophies does Ellie place on each shelf?

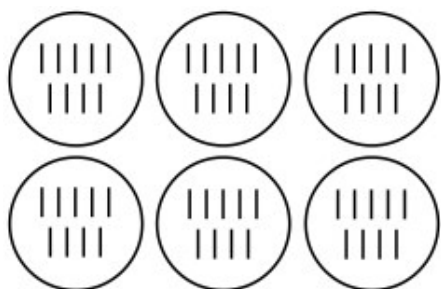
- A. 5
- B. 6
- C. 16
- D. 24

52. Sergio has 54 baseball cards. He put them in 6 equal groups. Which model shows how to find the number of cards in each group?

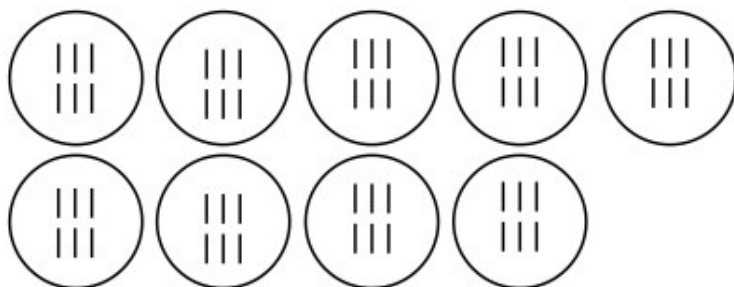
A.



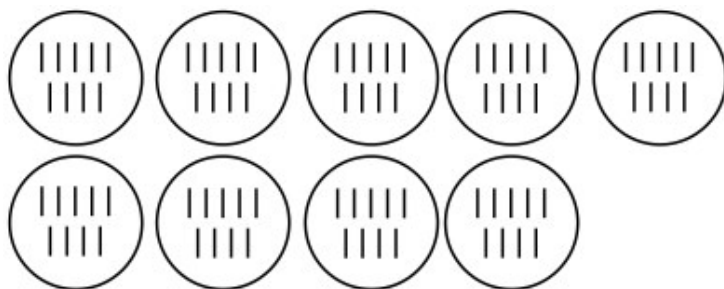
B.



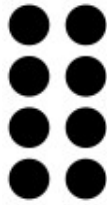
C.



D.



53. How many groups of 2 can be made from the array below?

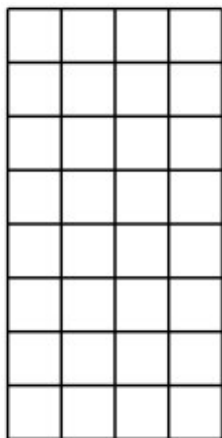


- A. 2
- B. 3
- C. 4
- D. 5

54. The pet store sold 72 cats in a certain number of days. They sold 9 cats each day. Which equation finds the number of days it took to sell the cats?

- A. $72 \times g = 9$
- B. $72 + g = 9$
- C. $72 \div g = 9$
- D. $72 - g = 9$

55. What division problem is represented by this array?



- A. $32 \div 4 = 8$
- B. $32 \div 2 = 16$
- C. $36 \div 4 = 9$
- D. $36 \div 6 = 6$

56. How can $36 \div 4 = 9$ be represented as an array?

- A. A rectangular array of 36 dots arranged in 6 rows and 6 columns.
- B. A rectangular array of 36 dots arranged in 4 rows and 9 columns.
- C. A rectangular array of 36 dots arranged in 3 rows and 12 columns.
- D. Four vertical groups, each containing 6 dots, representing 4 groups of 6.

57. Which expression can be used to solve $n \times 6 = 60$?

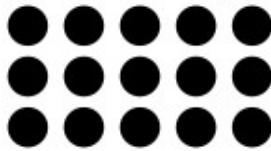
- A. $60 \div 6$
- B. 60×6
- C. $60 - 6$
- D. $60 + 6$

58. What is the value of b in the equation below?

$$42 \div b = 7$$

- A. 49
- B. 35
- C. 7
- D. 6

59. Which expression matches the array?



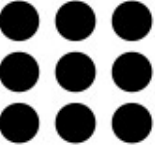
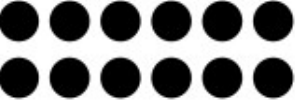
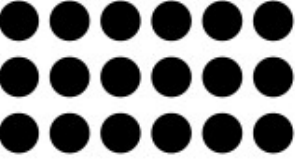
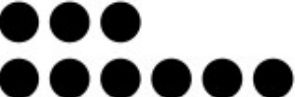
- A. $3 + 3 + 3 + 3 + 3$
- B. $3 + 3 + 3 + 3$
- C. $5 + 5 + 5 + 5$
- D. $3 + 5$

60. George is solving 9×3 . Which would help him?

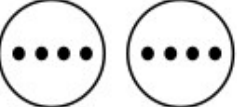


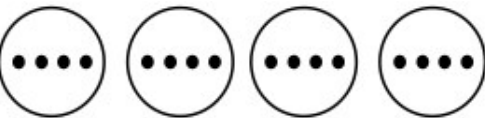
- A. drawing 3 circles with 3 dots in each
- B. drawing 3 circles with 6 dots in each
- C. drawing 9 circles with 3 dots in each
- D. drawing 9 circles with 9 dots in each

61. Jonathan had 70 balls. He divided the balls equally into 10 groups. How many balls did Jonathan place in each group?
- A. 1
 - B. 6
 - C. 7
 - D. 10
62. There were 15 students equally assigned to 5 groups. Which expression represents the number of students assigned to each group?
- A. $5 \div 15$
 - B. 5×15
 - C. $15 \div 5$
 - D. $15 - 5$
63. Gordon collected 81 cans for recycling. He put the cans into 9 recycling bags. Which equation can Gordon use to help him solve $81 \div 9 = n$?
- A. $n \times 81 = 9$
 - B. $n \times 9 = 81$
 - C. $n + 81 = 9$
 - D. $n + 9 = 81$

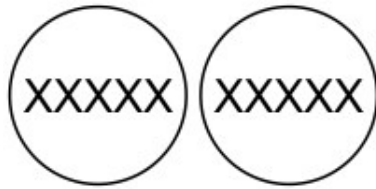
64. Which array represents $6 + 6 + 6$?

- A. 
- B. 
- C. 
- D. 

65. Which model shows 3×4 ?

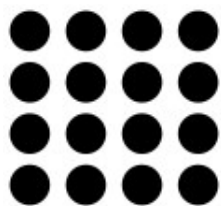
- A. 
- B. 
- C. 
- D. 

66. Which expression can be solved using the model below?



- A. 1×10
 - B. $1 + 10$
 - C. 2×5
 - D. $2 + 5$
67. Collette's book had 56 pages in it. She read 7 pages a day. How many days did it take Collette to read her book?
- A. 56
 - B. 49
 - C. 8
 - D. 7
68. Albert has 24 pounds of rice for sale. He is selling them in 3-pound bags. How many bags of rice can he sell?
- A. 3
 - B. 8
 - C. 15
 - D. 21

69. How many groups of 4 can be made from this array?



- A. 3
- B. 4
- C. 5
- D. 6

70. Corrine drew equal groups to solve a division problem.



Which problem was Corrine solving?

- A. $20 \div 10 = 2$
- B. $20 \div 5 = 4$
- C. $16 \div 4 = 4$
- D. $10 \div 2 = 5$

71. Hannah's garden had 45 flowers. There were 9 rows of flowers in her garden. The same number of flowers were in each row. How many flowers were in each row?
- A. 4
 - B. 5
 - C. 12
 - D. 16
72. Mary puts 8 pancakes onto 2 plates. Each plate has an equal number of pancakes. How many pancakes are on each plate?
- A. 3
 - B. 4
 - C. 6
 - D. 10
73. Tina put 81 beads into 9 jars. She put an equal number of beads into each jar. How many beads did Tina put into each jar?
- A. 8
 - B. 9
 - C. 72
 - D. 90
74. Laura has 4 groups of shells. There are 2 shells in each group. How can Laura find the number of shells she has?
- A. 2×2
 - B. 2×4
 - C. 4×2
 - D. 4×4

75. There are 18 students in a classroom. Each group of three students shares one tablet. How many tablets are there?

- A. 6
- B. 15
- C. 21
- D. 54