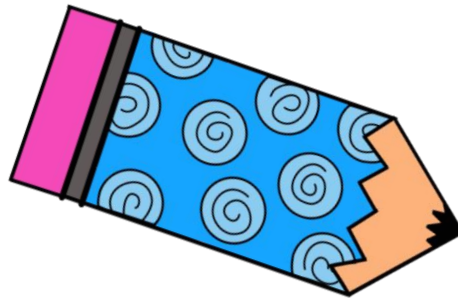


# End of the Year Math Focus Test

## 2<sup>nd</sup> Grade



Includes the Revised Math TEKS  
that were implemented in the  
2014-2015 school year

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Edited by: Rebecca Ruse, Sheila Keys, and Jennifer Flatt

## Please Note....

This End of the Year Focus Test was designed to help teachers see the progress of their students at the end of 2<sup>nd</sup> grade. It could also be given at the beginning of 3<sup>rd</sup> grade to help teachers know what skills their students are struggling from the year before.

This assessment has 72 questions, and should NOT be given in one day. In fact, my suggestion would be that it be given over the course of 4 days—giving 18 questions each day. The test is long, so all the TEKS are covered in different ways. I like to test a standard on more than one question if possible, so I can make sure the student has truly mastered it or not.

However, a teacher could shorten the test if desired.

There is a TEKS Breakdown, so a teacher can put the assessment into DMAC or some other data program to disaggregate the results.

There is also an individual student TEKS Analysis form to use to track individual student data.

If you have any other questions, please email me.

Thank you,  
Erica Hennigh

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# Answer Key and TEKS Breakdown

|     | Answer | TEKS |
|-----|--------|------|
| 1.  | C      | 2A   |
| 2.  | C      | 2A   |
| 3.  | B      | 2B   |
| 4.  | C      | 2B   |
| 5.  | B      | 2B   |
| 6.  | B      | 2A   |
| 7.  | B      | 2B   |
| 8.  | C      | 2B   |
| 9.  | D      | 2C   |
| 10. | B      | 2D   |
| 11. | B      | 2D   |
| 12. | A      | 2D   |
| 13. | B      | 2D   |
| 14. | A      | 2F   |
| 15. | D      | 2E   |
| 16. | D      | 3A   |
| 17. | A      | 3A   |
| 18. | C      | 2F   |
| 19. | D      | 3D   |
| 20. | B      | 3C   |
| 21. | C      | 3C   |
| 22. | A      | 4A   |
| 23. | B      | 4A   |
| 24. | C      | 4A   |
| 25. | C      | 4B   |
| 26. | D      | 4B   |
| 27. | C      | 4B   |
| 28. | D      | 4B   |
| 29. | D      | 4B   |
| 30. | A      | 4C   |
| 31. | C      | 4C   |
| 32. | A      | 4C   |
| 33. | B      | 5A   |
| 34. | A      | 11C  |
| 35. | C      | 11D  |

|     | Answer | TEKS |
|-----|--------|------|
| 37. | A      | 5A   |
| 38. | B      | 5B   |
| 39. | A      | 6A   |
| 40. | A      | 6A   |
| 41. | C      | 6A   |
| 42. | D      | 6B   |
| 43. | C      | 6B   |
| 44. | A      | 7A   |
| 45. | C      | 7A   |
| 46. | B      | 7B   |
| 47. | C      | 7B   |
| 48. | B      | 7C   |
| 49. | D      | 7C   |
| 50. | C      | 8C   |
| 51. | C      | 8C   |
| 52. | C      | 8C   |
| 53. | D      | 8C   |
| 54. | A      | 8B   |
| 55. | B      | 8B   |
| 56. | D      | 8B   |
| 57. | B      | 8B   |
| 58. | A      | 8D   |
| 59. | C      | 8E   |
| 60. | B      | 9A   |
| 61. | C      | 9A   |
| 62. | B      | 9D   |
| 63. | D      | 9D   |
| 64. | C      | 9A   |
| 65. | C      | 9E   |
| 66. | C      | 9E   |
| 67. | B      | 9F   |
| 68. | A      | 9F   |
| 69. | B      | 9G   |
| 70. | B      | 9G   |
| 71. | C      | 9G   |

End of the Year 2<sup>nd</sup> Grade Math Focus Test

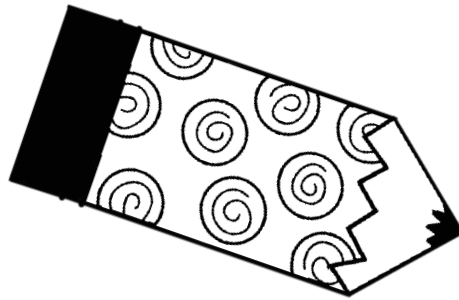
Individual Student : TEKS Analysis

|     | Answer | TEKS |  |
|-----|--------|------|--|
| 1.  | C      | 2A   |  |
| 2.  | C      | 2A   |  |
| 3.  | B      | 2B   |  |
| 4.  | C      | 2B   |  |
| 5.  | B      | 2B   |  |
| 6.  | B      | 2A   |  |
| 7.  | B      | 2B   |  |
| 8.  | C      | 2B   |  |
| 9.  | D      | 2C   |  |
| 10. | B      | 2D   |  |
| 11. | B      | 2D   |  |
| 12. | A      | 2D   |  |
| 13. | B      | 2D   |  |
| 14. | A      | 2F   |  |
| 15. | D      | 2E   |  |
| 16. | D      | 3A   |  |
| 17. | A      | 3A   |  |
| 18. | C      | 2F   |  |
| 19. | D      | 3D   |  |
| 20. | B      | 3C   |  |
| 21. | C      | 3C   |  |
| 22. | A      | 4A   |  |
| 23. | B      | 4A   |  |
| 24. | C      | 4A   |  |
| 25. | C      | 4B   |  |
| 26. | D      | 4B   |  |
| 27. | C      | 4B   |  |
| 28. | D      | 4B   |  |
| 29. | D      | 4B   |  |
| 30. | A      | 4C   |  |
| 31. | C      | 4C   |  |
| 32. | A      | 4C   |  |
| 33. | B      | 5A   |  |
| 34. | A      | 11C  |  |
| 35. | C      | 11D  |  |
| 36. | A      | 11F  |  |

|     | Answer | TEKS |  |
|-----|--------|------|--|
| 37. | A      | 5A   |  |
| 38. | B      | 5B   |  |
| 39. | A      | 6A   |  |
| 40. | A      | 6A   |  |
| 41. | C      | 6A   |  |
| 42. | D      | 6B   |  |
| 43. | C      | 6B   |  |
| 44. | A      | 7A   |  |
| 45. | C      | 7A   |  |
| 46. | B      | 7B   |  |
| 47. | C      | 7B   |  |
| 48. | B      | 7C   |  |
| 49. | D      | 7C   |  |
| 50. | C      | 8C   |  |
| 51. | C      | 8C   |  |
| 52. | C      | 8C   |  |
| 53. | D      | 8C   |  |
| 54. | A      | 8B   |  |
| 55. | B      | 8B   |  |
| 56. | D      | 8B   |  |
| 57. | B      | 8B   |  |
| 58. | A      | 8D   |  |
| 59. | C      | 8E   |  |
| 60. | B      | 9A   |  |
| 61. | C      | 9A   |  |
| 62. | B      | 9D   |  |
| 63. | D      | 9D   |  |
| 64. | C      | 9A   |  |
| 65. | C      | 9E   |  |
| 66. | C      | 9E   |  |
| 67. | B      | 9F   |  |
| 68. | A      | 9F   |  |
| 69. | B      | 9G   |  |
| 70. | B      | 9G   |  |
| 71. | C      | 10D  |  |
| 72. | A      | 10D  |  |

# End of the Year Math Focus Test

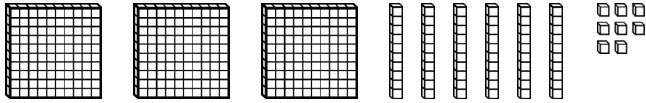
2<sup>nd</sup> Grade



Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. What number is shown by the blocks?

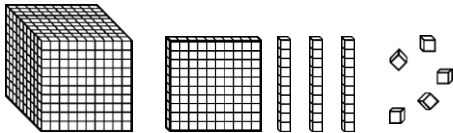


- A. 268
- B. 386
- C. 368
- D. 468

4. Which words show the number 756?

- A. seven hundred fifty
- B. seven hundred sixty-five
- C. seven hundred fifty-six
- D. seven hundred fifteen

2. What number is shown by the blocks?



- A. 135
- B. 1,035
- C. 1,135
- D. 2,035

5. Which shows 854 written in expanded form?

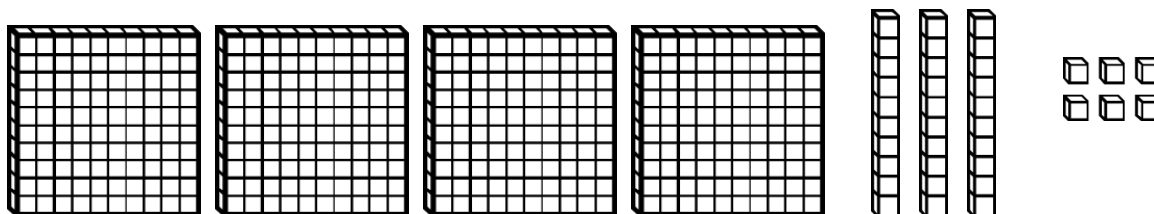
- A.  $500 + 80 + 4$
- B.  $800 + 50 + 4$
- C.  $850 + 4$
- D.  $800 + 5 + 4$

3. Which number is the same as 6 ones, 7 hundreds, and 9 tens?

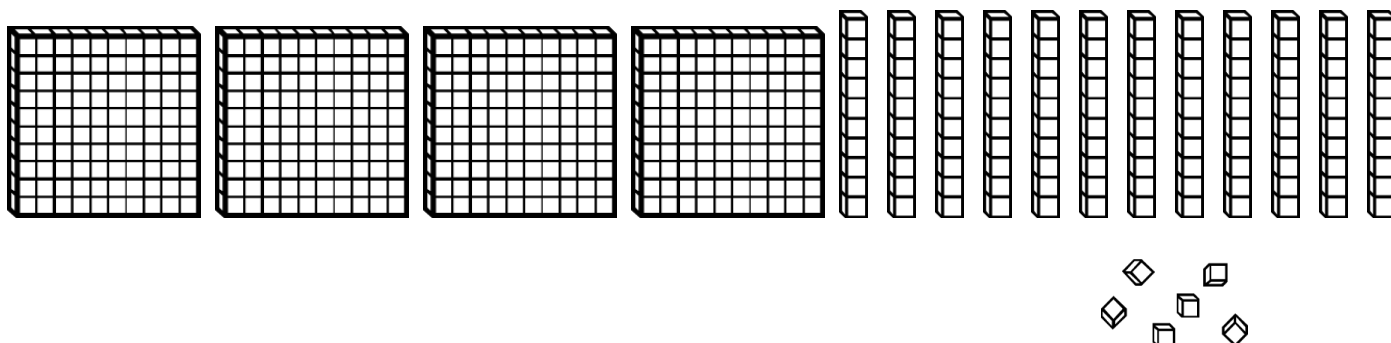
- A. 679
- B. 796
- C. 769
- D. 976

6. Which model does NOT show 436

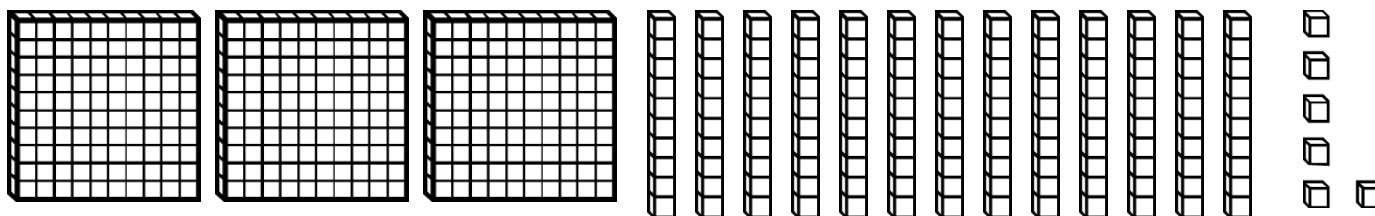
A.



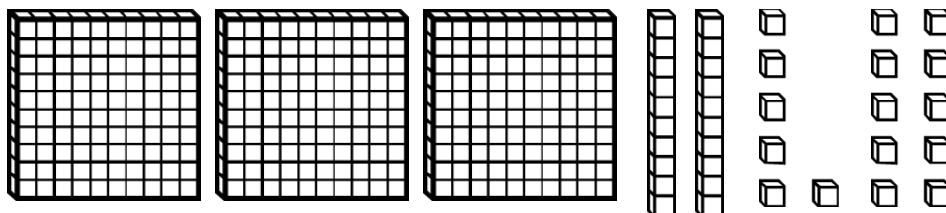
B.



C.



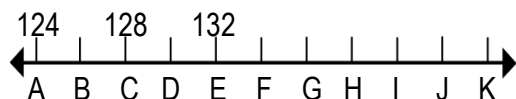
D.



|                                                                                                                                    |                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>7. Which number is the same as <math>1,000 + 400 + 6</math></p> <p>A. 1,046</p> <p>B. 1,406</p> <p>C. 1,460</p> <p>D. 1,146</p> | <p>11. Which group of numbers is in order from least to greatest?</p> <p>A. 856      865      568      658</p> <p>B. 568      658      856      865</p> <p>C. 865      856      658      568</p> <p>D. 658      568      856      865</p> |
| <p>8. Which number is the same as 6 tens, 5 hundreds, 2 ones?</p> <p>A. 652</p> <p>B. 256</p> <p>C. 562</p> <p>D. 526</p>          | <p>12. Which is TRUE?</p> <p>A. <math>997 &gt; 987</math></p> <p>B. <math>997 &lt; 987</math></p> <p>C. <math>997 = 987</math></p> <p>D. <math>979 &gt; 987</math></p>                                                                    |
| <p>9. Which number is between 322 and 333?</p> <p>A. 233</p> <p>B. 422</p> <p>C. 343</p> <p>D. 324</p>                             | <p>13. Which is TRUE?</p> <p>A. <math>1,012 &gt; 1,120</math></p> <p>B. <math>1,012 &lt; 1,120</math></p> <p>C. <math>1,012 = 1,120</math></p> <p>D. <math>1,002 &gt; 1,012</math></p>                                                    |
| <p>10. Dillon has \$669 and Joshua has \$670. Who has more money?</p> <p>A. Dillon</p> <p>B. Joshua</p>                            |                                                                                                                                                                                                                                           |



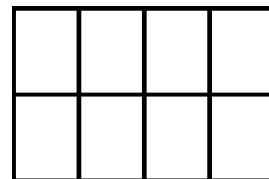
14. What number is at point G?



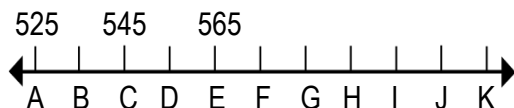
- A. 136
- B. 140
- C. 138
- D. 137

17. This figure is divided into \_\_\_\_\_.

- A. fourths
- B. halves
- C. sixths
- D. eighths

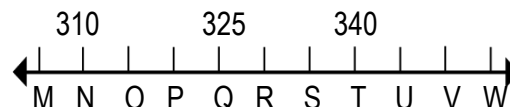


15. What point is at 595?



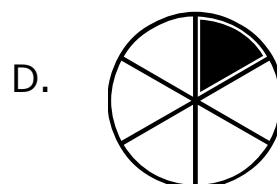
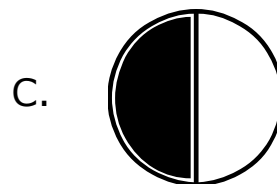
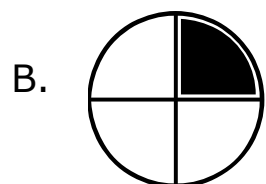
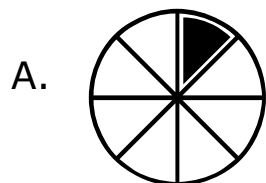
- A. Point D
- B. Point F
- C. Point G
- D. Point H

18. Which is true about the points on the number line?

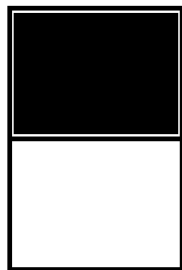


- A.  $M = 309$
- B.  $R = 326$
- C.  $V = 350$
- D.  $P = 324$

16. Which model shows one sixth shaded?



19. What part of the figure is shaded?

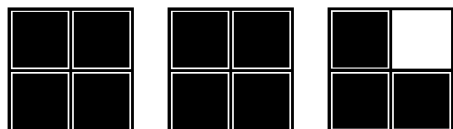


- A. one fourth
- B. one sixth
- C. one eighth
- D. one half

22. Which fact does NOT have the same sum as  $5 + 9$ ?

- A.  $7 + 6$
- B.  $9 + 5$
- C.  $7 + 7$
- D.  $4 + 10$

20. Which shows how many fourths are shaded?

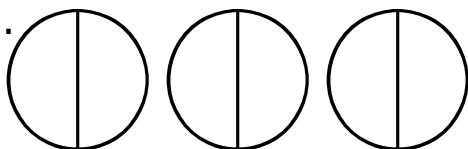


- A. eight fourths
- B. eleven fourths
- C. twelve fourths
- D. three fourths

23. Liam has 4 birds, 6 cats, and 7 fish. How many animals does Liam have altogether?

- A. 10 animals
- B. 17 animals
- C. 13 animals
- D. 11 animals

21. What is another way to write five halves? Shade the model to help you.



- A. one and one half
- B. two wholes
- C. two and one half
- D. three wholes

24. Mr. Jackson has 18 papers to grade. He's graded 8 so far. How many more papers does he have left to grade now?

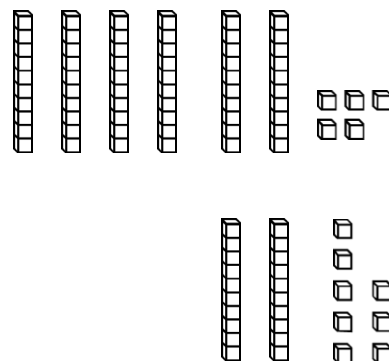
- A. 8 papers
- B. 26 papers
- C. 10 papers
- D. 11 papers

25. If you add  $35 + 47$  as shown below, what will be your next step?

$$\begin{array}{r} 35 = 30 + 5 \\ 47 = 40 + 7 \end{array}$$

- A.  $110 + 10 = 120$
- B.  $7 + 12 = 19$
- C.  $70 + 12 = 82$
- D.  $35 + 40 = 75$

28. Use the blocks to solve the problem:  $65 + 28$



- A. 83
- B. 73
- C. 82
- D. 93

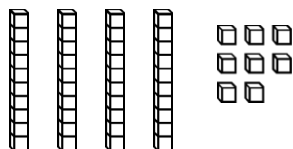
26. Which has the same sum as  $56 + 28$ ? (Think of using expanded notation to add.)

- A.  $70 + 14$
- B.  $28 + 65$
- C.  $11 + 10$
- D.  $60 + 30$

29. Marty bought a video game for \$35. He gave the clerk \$50. How much change did he receive?

- A. \$85
- B. \$25
- C. \$20
- D. \$15

27. Use the blocks to solve the problem:  $48 - 29$



- A. 12
- B. 21
- C. 19
- D. 18

30. Casey read 57 pages of her book on Thursday, 66 pages on Friday, and 87 pages on Saturday. The book is 296 pages long. How many pages does she have left to read?

- A. 86 pages
- B. 173 pages
- C. 143 pages
- D. 210 pages

31. Mrs. Soules worked 138 minutes outside in the barn and 254 minutes inside cleaning house. How many minutes did she spend working outside and cleaning house?

- A. 382 minutes
- B. 116 minutes
- C. 392 minutes
- D. 124 minutes

34. Mason had \$250 in his account. He went to the bank. When he left the bank, he had \$300 in his account. Mason made a \_\_\_\_\_.

- A. deposit
- B. withdraw

32. Karissa had \$962 in her checking account. She spent \$243 on groceries. How much was the balance in her account after she bought groceries?

- A. \$719
- B. \$1,208
- C. \$721
- D. \$891

35. Wesley's dad let him borrow \$15 to play games at the pizza place. He paid him back two weeks later when he made some money babysitting. Wesley's dad is the \_\_\_\_\_.

- A. borrower
- B. consumer
- C. lender
- D. producer

33. How much money is shown?



- A. 57 ¢
- B. 77 ¢
- C. 32 ¢
- D. 75 ¢

36. Brooklyn made cookies to sell at the bake sale. She bought the ingredients for \$12 and rented a table at the bake sale for \$3. How much did it cost Brooklyn to sell items at the bake sale?

- A. \$15
- B. \$9
- C. \$4
- D. \$20

37. How much money is shown?



- A. 87 ¢                                      C. 57 ¢  
B. 82 ¢                                      D. 85 ¢

38. What are two ways to write 45 cents?

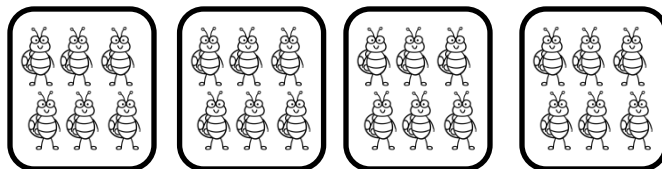
- A. 45¢ and ¢45  
B. \$0.45 and 45¢  
C. 45¢ and \$0.045

39. Marcus bought a box of donuts as shown. What number sentence can be used to find the total number of donuts?



- A.  $4 \times 3 = 12$   
B.  $4 \times 4 = 16$   
C.  $3 + 3 + 3 = 9$   
D.  $4 \times 3 = 15$

40. What number sentence can be used to find the total number of bugs.



- A.  $4 \times 6 = 24$  bugs  
B.  $6 \times 3 = 18$  bugs  
C.  $4 \times 8 = 32$  bugs  
D.  $5 \times 4 = 20$  bugs

41. What number sentence means the same as  $7 \times 3$ ?

- A.  $7 + 7 + 7 + 7 = 21$   
B.  $3 + 3 + 3 = 21$   
C.  $7 + 7 + 7 = 21$   
D.  $3 + 7 = 10$

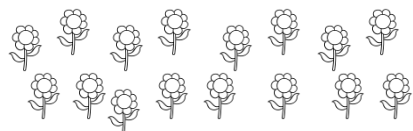
42. Nathan's grandma had 15 pieces of candy do divide equally between her 3 grandchildren. How many pieces did each child receive? Use the picture and write a **division** number sentence to help you solve.



Number sentence: \_\_\_\_\_

- A. 6 pieces each  
B. 3 pieces each  
C. 18 pieces each  
D. 5 pieces each

43. Shelby has 16 flowers to put in four vases. She wants to put the same number of flowers in each vase. Which number sentence can be used to find out how many flowers she will put in each vase?

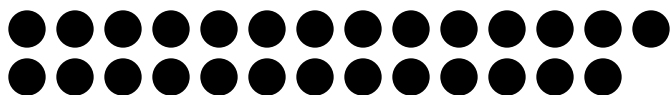


- A.  $16 \div 4 = 5$   
 B.  $4 \div 16 = 4$   
 C.  $16 \div 4 = 4$   
 D.  $20 \div 4 = 16$

46. Which number is 10 more than the number 899?

- A. 889  
 B. 909  
 C. 999  
 D. 799

44. Is the number of dots odd or even?

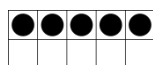
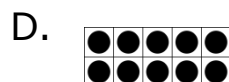
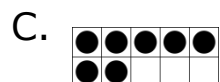
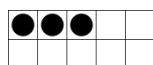
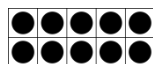
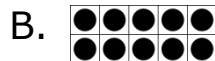
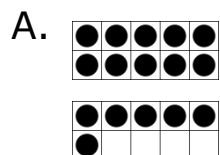


- A. odd  
 B. even

47. Which number is 100 less than 537?

- A. 447  
 B. 547  
 C. 437  
 D. 637

45. Which set of dots has an even number?



48. Carley is 9 years old. Her brother Carter is 6 years older. Which equation can be used to find how old Carter is?

- A. \_\_\_\_\_ - 5 = 9  
 B.  $9 + 6 = \underline{\hspace{2cm}}$   
 C.  $9 - 6 = \underline{\hspace{2cm}}$

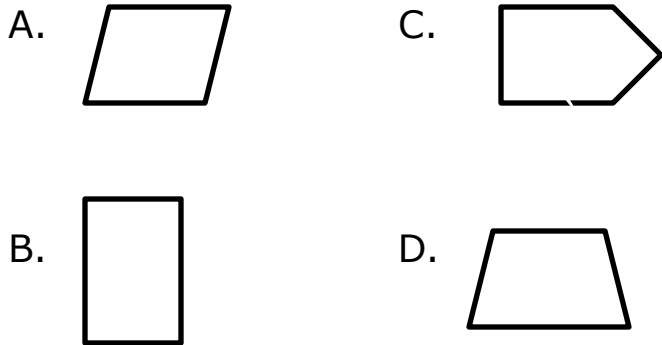
49. Sami had some money. She spent \$7 and then had \$28 left. This is the equation she used to show how much money she had.

$$\underline{\hspace{2cm}} - \$7 = \$28$$

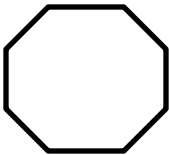
How much money did she have to start with before she spent the \$7?

- A. \$30
- B. \$21
- C. \$25
- D. \$35

50. Which figure is NOT a quadrilateral?

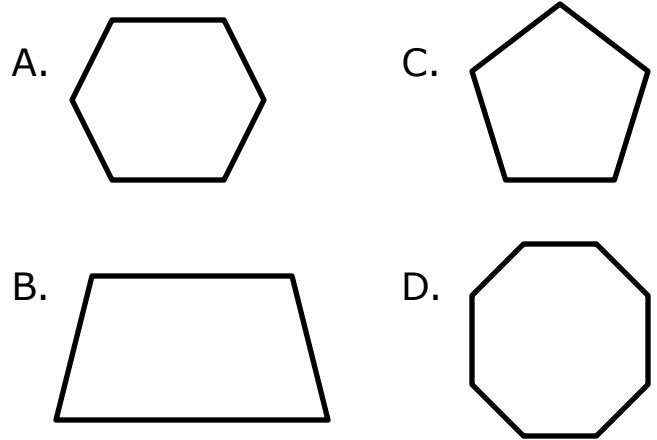


51. How many sides and vertices does an octagon have?



- A. 8 sides, 5 vertices
- B. 6 sides, 6 vertices
- C. 8 sides, 8 vertices
- D. 6 sides, 8 vertices

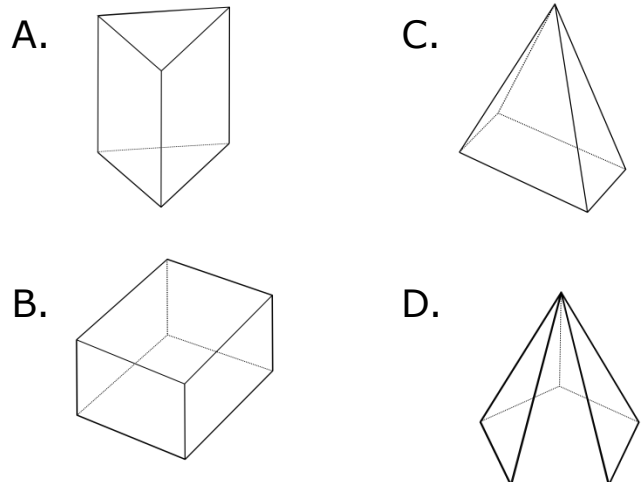
52. Which figure is a pentagon?



53. Which figure has 6 sides and 6 vertices?

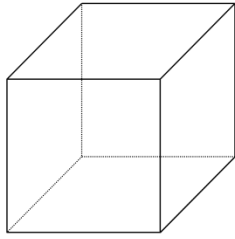
- A. pentagon
- B. quadrilateral
- C. octagon
- D. hexagon

54. Which figure is a triangular prism?



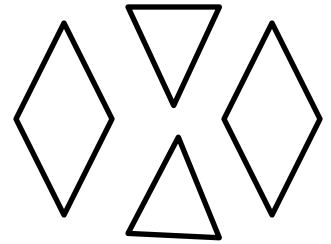
55. Which is TRUE about a cube?

- A. It has 7 vertices.
- B. It has 6 square faces.
- C. It has 8 edges.
- D. It has 12 vertices.



58. What new figure could be made if these 4 shapes were put together to make one shape?

- A. hexagon
- B. square
- C. rectangle
- D. rhombus

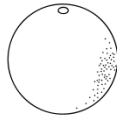


56. Which object looks like a cylinder?

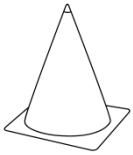
A.



C.



B.

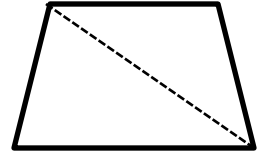


D.

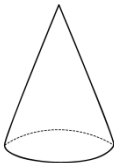


59. What two new shapes will be made if this figure is cut on the dotted line?

- A. two rectangles
- B. a triangle and a trapezoid
- C. two triangles
- D. a rectangle and a triangle



57. What 2-dimensional shape is on the face of a cone?



- A. square
- B. circle
- C. triangle
- D. rectangle

60. Which is about one yard wide?

- A. a piece of paper
- B. a doorway
- C. a shoe
- D. a football field



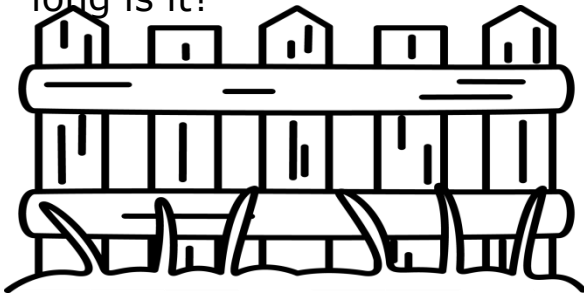
61. A fingernail is about one \_\_\_\_\_ wide.

- A. yard
- B. meter
- C. centimeter
- D. foot

64. What tool would be the best to measure the length of a book?

- A. yard stick
- B. measuring cup
- C. ruler
- D. scale

62. Use a ruler to measure the fence. About how many inches long is it?



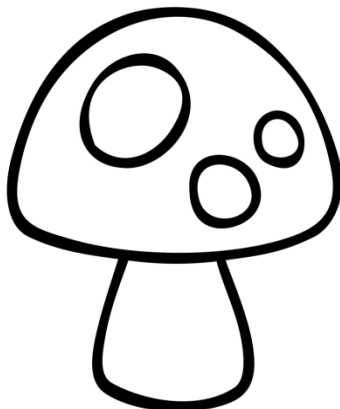
- A. 2 inches
- B. 3 inches
- C. 6 inches
- D. 4 inches

65. Payton is about 67 inches tall. Serenity is 14 inches taller than Payton. How many inches tall is Serenity?

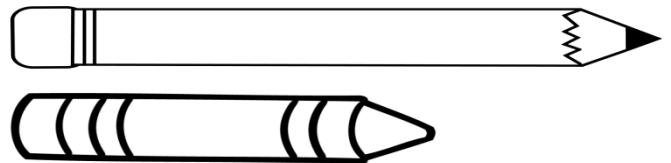
- A. 71 inches
- B. 53 inches
- C. 81 inches
- D. 51 inches

63. Use a ruler to measure the height of the mushroom. About how many centimeters tall is it?

- A. 3 centimeters
- B. 10 centimeters
- C. 7 centimeters
- D. 5 centimeters



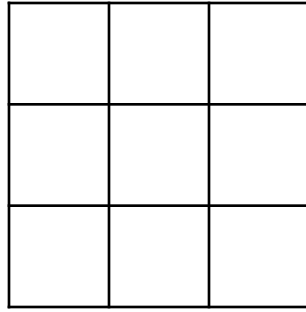
66. Use a ruler to measure the two objects. About how much longer is the pencil than the crayon?



- A. 9 centimeters longer
- B. 6 centimeters longer
- C. 3 centimeters longer
- D. 2 centimeters longer

67. What is the area of the floor shown?

- A. 12 square units  
B. 9 square units  
C. 3 square units  
D. 6 square units



69. Which clock shows the time 7:38?

A.



C.



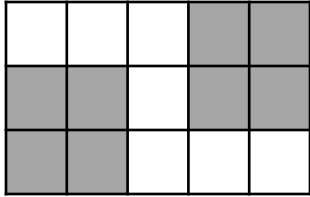
B.



D.

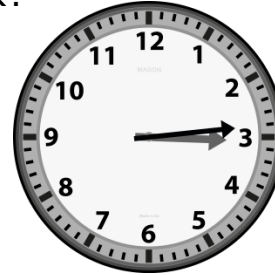


68. What is the area of the shaded part of the floor?



- A. 8 square units  
B. 7 square units  
C. 4 square units  
D. 15 square units

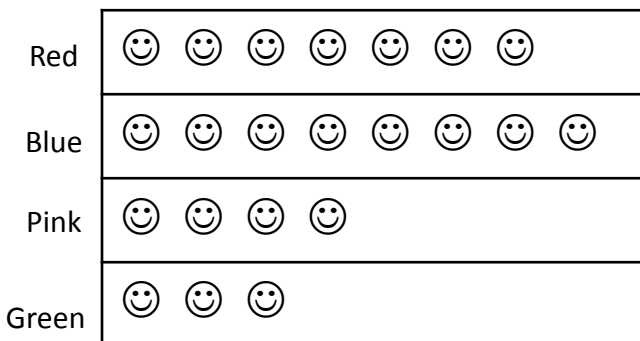
70. What time is shown on the clock?



- A. 2:14                      C. 4:14  
B. 3:14                      D. 3:16

**Use this graph to answer questions 71 and 72.**

Favorite Colors in Mrs. Parkers' Class



😊 = 2 students

71. How many more students liked blue than red?

- A. 1 student                      C. 2 students  
B. 7 students                      D. 16 students

72. How many students were surveyed in all?

- A. 44 students                      C. 22 students  
B. 15 students                      D. 30 students



# THANK YOU!

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