

**Fill in the letter of the correct answer.**

1. Which number extends the pattern below?

327, 330, 334, 339, 345,

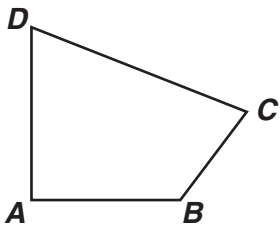
- (A) 359     
  (B) 352     
  (C) 351     
  (D) 346

2. Which numbers should be used to complete the pattern?

919, , 899, 889, 879,

- (A) 899, 869                     
  (B) 909, 869  
 (C) 809, 869                     
  (D) 919, 879

3. Which letter names the right angle in this figure?



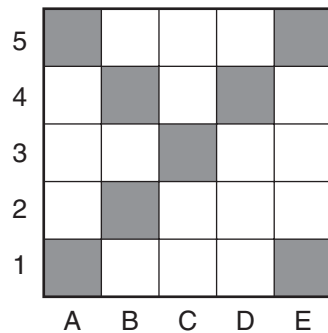
- (A) A             
  (B) B             
  (C) C             
  (D) D

4. To get to school, Nina walks north for 510 meters, east for 180 meters, and south for 220 meters. About how far does she walk in all?

- (A) 1 kilometer                     
  (B) 100 meters  
 (C) 1,000 centimeters             
  (D) 10 kilometers

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5. Which other square needs to be shaded to complete the “X” on the grid?



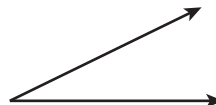
- Ⓐ (A, 5)      Ⓑ (C, 4)      Ⓒ (D, 2)      Ⓓ (E, 2)

6. Which of the following is the symbol for a line segment?

Ⓐ



Ⓑ



Ⓒ



Ⓓ



7. On a coordinate grid, the points (0, 5), (2, 5), and (4, 5) all lie on the same line. Which of the following points does NOT lie along the same line?

- Ⓐ (5, 5)      Ⓑ (5, 1)      Ⓒ (7, 5)      Ⓓ (1, 5)

8. What is the value of  $y$  in this number sentence?

$$35 \times y = 245$$

- Ⓐ  $y = 280$       Ⓑ  $y = 210$   
 Ⓒ  $y = 7$       Ⓓ  $y = 5$

Name \_\_\_\_\_ Date \_\_\_\_\_

9. Ms. Sanders kept track of her students' spelling test scores all year. The table below shows part of her record book. How many times did Andrew receive the highest score?

	Week 1	Week 2	Week 3
Alexis	15	16	17
Andrew	16	19	18
Catherine	12	17	17

- (A) 3                      (B) 2                      (C) 1                      (D) 0

10. Ethan works \$5 each week raking leaves. The circle graph below shows what Ethan does with this money. About how much will he have saved in one month?



- (A) \$20                      (B) \$10                      (C) \$5                      (D) \$2

11. Sue is decorating hats for the school play. She has a felt hat, a straw hat, and a wool hat. She has a feather, a ribbon, and a plastic flower to use as decoration. If she uses one hat and one decoration, how many different combinations can she make?

- (A) 3                      (B) 8                      (C) 9                      (D) 18

12. Aris made a spinner that was  $\frac{1}{3}$  green,  $\frac{1}{3}$  blue, and  $\frac{1}{3}$  yellow. If he makes two spins, what is the probability that it will land on blue both times?

- (A) 6 miles                      (B) 6 feet                      (C) 6 inches                      (D) 6 yards

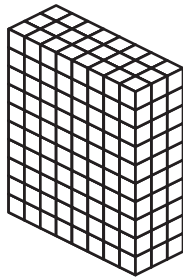
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13. Greg placed 7 blocks end to end in a row. Then he stacked 4 rows on top of each other to form a wall of blocks. How many blocks will Greg need to make 8 walls?

(A) 28                      (B) 224                      (C) 252                      (D) 748

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14. Spencer used sugar cubes to make the structure below. How many cubes did he use?



(A) 24                      (B) 108  
(C) 180                      (D) 240

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15. Altogether, the 8 people in Mona's family drank 1 gallon and 2 quarts of milk yesterday. If everyone had the same amount, how much milk did each person drink?

(A) 3 cups                      (B) 3 pints                      (C) 3 feet                      (D) 3 liters

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16. Monique got on the bus at 8:10 A.M. She got off the bus at 8:45 A.M. How long did she ride the bus?

(A) 10 minutes                      (B) 30 minutes  
(C) 35 minutes                      (D) 45 minutes

Name \_\_\_\_\_ Date \_\_\_\_\_

17. Conroy needs 4 yards of fabric to make a costume for the school play. He buys  $2\frac{1}{2}$  yards of fabric at the craft store. His mother gives him 4 feet of fabric. How much more fabric does he need?

(A) 2 in.      (B) 6 in.      (C) 2 yd      (D) 6 ft

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18. Which of the following objects would weigh about one ounce?

(A) bike                                      (B) camera  
(C) lamp                                      (D) pencil

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19. Which number sentence is in the same fact family as  $6 \times 3 = 18$ ?

(A)  $18 \div 3 = 6$                               (B)  $18 \times 3 = 6$   
(C)  $6 + 3 = 18$                               (D)  $18 - 6 = 3$

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20. What is the fraction for the shaded part of the group?



(A)  $\frac{3}{8}$                               (B)  $\frac{1}{2}$                               (C)  $\frac{8}{3}$                               (D)  $\frac{3}{5}$

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21. Mark bought a half-dozen eggs. What fraction is equal to  $\frac{1}{2}$ ?

(A)  $\frac{6}{12}$                               (B)  $\frac{12}{6}$                               (C)  $\frac{2}{1}$                               (D)  $\frac{2}{12}$

Name \_\_\_\_\_ Date \_\_\_\_\_

22. Which of the following numbers is between 101 and 102 on the number line?



- (A)  $101\frac{1}{8}$       (B)  $100\frac{1}{2}$       (C) 103      (D)  $102\frac{4}{5}$
- 

23. Chandra's stuffed animal is twice as long as her cat, Ralph. If 3 stuffed animals of the same size can fit along the length of her bed, how many Ralphs long is her bed?

- (A) 3      (B) 4      (C) 6      (D) 8
- 

24. Which number below shows 8 hundreds, 3 tens, and 7 ones?

- (A) 830      (B) 837      (C) 8,037      (D) 8,370
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25. Which choice is the same as  $100,000 + 5,000 + 40 + 2$ ?

- (A) 105,042      (B) 105,402  
(C) 150,042      (D) 154,002
- 

26. Which fraction is NOT greater than  $\frac{3}{8}$ ?

- (A)  $\frac{4}{8}$       (B)  $\frac{8}{8}$       (C)  $\frac{11}{8}$       (D)  $\frac{1}{8}$

Name \_\_\_\_\_ Date \_\_\_\_\_

27. There were 178 children who attended the school play last Thursday. There were 63 first graders and 59 second graders. The rest of the children were kindergartners. How many children were first and second graders?

(A) 56      (B) 102      (C) 115      (D) 122

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28. Mark used 448 plastic blocks to build a castle. Del used 223 more blocks than Mark for his castle. How many blocks did Del use?

(A) 661      (B) 671      (C) 761      (D) 771

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29. Marvin is setting up chairs in a room for four hundred people. He set up twenty rows of chairs and determined that each row needed twenty chairs. Which of the following operations did he perform to determine this?

(A) add      (B) subtract      (C) divide      (D) multiply

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30. Dana is counting the bicycles in front of her school. If she counts 879 bicycles, about how many wheels are there?

(A) 180      (B) 900      (C) 1,800      (D) 9,000

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31. What is the correct answer to  $409 \times 1$ ?

(A) 0      (B) 49      (C) 408      (D) 409

Name \_\_\_\_\_ Date \_\_\_\_\_

32. Ethan read for 309 minutes during Reading Month. Andy read for 683 minutes. About how many minutes longer did Andy read than Ethan?

(A) 200      (B) 400      (C) 900      (D) 1,000

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33. How many hundreds are in the number 71,532?

Answer: \_\_\_\_\_

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34. Find the value of  $n$  in the number sentence below. Then explain how you found the answer.

$$n - 3 = 92 \div 4$$

Answer: \_\_\_\_\_

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35. Richard had 36 stamps in his collection. Then he gave Nicole 13 stamps in exchange for seven of her stamps. Now how many stamps does Richard have?

Explain your answer using pictures, words, or numbers.

Answer: \_\_\_\_\_

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Name \_\_\_\_\_ Date \_\_\_\_\_

36. Place the following numbers on the number line below.

$$\frac{29}{2} \quad 15\frac{1}{3} \quad \frac{55}{4}$$



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37. Elias spends \$4.55 on a pineapple and 3 peaches at a fruit stand. Peaches are \$0.55 each. How much does the pineapple cost?

Explain your answer using a number sentence and a symbol for the unknown quantity.

Answer: \_\_\_\_\_

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38. The third grade class went apple picking. George picked 36 apples. John picked 11 fewer apples than George. David picked 9 more apples than John. How many apples did each boy pick?

Explain your answer using pictures, words, or numbers.

Answer: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Name \_\_\_\_\_ Date \_\_\_\_\_

**39.** Write the temperature shown on the thermometer using degrees Celsius ( $^{\circ}\text{C}$ ) and describe an activity you might see people doing outside at that temperature.

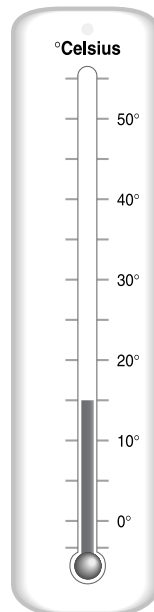
Answer: \_\_\_\_\_  
\_\_\_\_\_

Then draw a line on the thermometer to mark  $15^{\circ}\text{C}$  above the temperature shown and describe an activity you might see people doing outside at that temperature.

Answer: \_\_\_\_\_  
\_\_\_\_\_

Then draw another line to mark  $15^{\circ}\text{C}$  below the temperature shown and describe an activity you might see people doing outside at that temperature.

Answer: \_\_\_\_\_  
\_\_\_\_\_



Name \_\_\_\_\_ Date \_\_\_\_\_

40. Students in the Baker School chose their favorite color.  
The table below shows the results of their survey.

	Red	Blue	Green	Yellow
First Grade	4	10	7	2
Second Grade	14	4	1	3
Third Grade	9	9	4	1
Fourth Grade	5	9	7	3

Give 3 different facts that compare/contrast the data.

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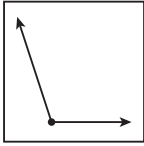
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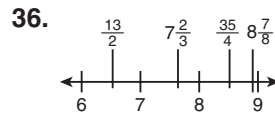
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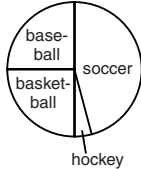
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## End of Grade Progress Test 2

1. C 505, 495
2. C 40, 30, 25
3. B 
4. B 120 miles
5. B ★
6. B a line segment
7. C (4, 2)
8. B  $n = 48$
9. C 36
10. D sleeping
11. D 18
12. D 4 in 6
13. C 270
14. B 4
15. D \$30.00
16. C 9:25
17. A 5,000
18. C 64
19. D 8,126
20. D  $\frac{3}{4}$
21. C  $\frac{3}{6}$
22. D  $235\frac{1}{2}$
23. D All of the tulips are yellow.
24. D 2,470
25. D  $300 + 90 + 13$
26. C  $\frac{5}{6}$
27. C 119
28. C 1,629
29. B 12
30. C 120
31. A  $4 \times (2 \times 7) = 56$
32. A \$15
33. There are 5 thousands in the number 5,461.
34. The value of  $n$  is 269. Possible explanation: I multiplied 56 by 5 to get 280. I know that  $280 = 269 + 11$  so  $n = 269$ .
35. Yes. There are 126 trees ( $42 \times 3$ ) and and 126 birds ( $42 + 84$ ).



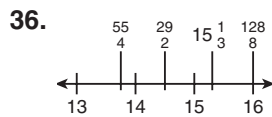
37. 19 beads;  $9 + 22 + \square = 50$ .
  38. Jamal will need 70 prizes.  $7 \times 10 = 70$ .  
Possible explanation: When I multiply by 10, I can use a pattern of zeros. So any number times 10 is that number with a zero added on the end.
  39. Thermometer **B** probably shows the temperature outside because water freezes at  $0^\circ\text{C}$ .
  40. 
- Hockey received the fewest votes. Soccer received the most votes. Baseball and basketball received the same number of votes.

## End of Grade Progress Test 3

1. B 352
2. B 909, 869
3. A A
4. A 1 kilometer
5. C (D, 2)
6. C 
7. B (5, 1)
8. C  $y = 7$
9. A 3
10. B \$10
11. C 9
12. C 1 out of 9
13. B 224
14. D 240
15. A 3 cups
16. C 35 minutes
17. B 6 in.
18. D pencil
19. A  $18 \div 3 = 6$
20. A  $\frac{3}{8}$

**End of Grade Progress Tests** Questions 33 and 34 have a 1-point maximum score; Questions 35–38 have a 2-point maximum score; Questions 39 and 40 have a 4-point maximum score.

21. A  $\frac{6}{12}$
22. A  $101\frac{1}{8}$
23. C 6
24. B 837
25. A 105,042
26. D  $\frac{1}{8}$
27. D 122
28. B 671
29. C divide
30. C 1,800
31. D 409
32. B 400
33. There are 5 hundreds in the number 71,532.
34. The value of  $n$  is 16. Possible explanation:  
I divided 92 by 4 to get 23. I know that  $16 - 3 = 13$  so  $n = 16$ .
35. Richard has 30 stamps.  $36 - 13 + 7 = 30$ .



37.  $\$2.90 \square + (3 \times .55) = \$4.55$ .
38. George picked 36 apples. John picked 25 apples. David picked 34 apples. Possible explanation: I know that  $36 - 11 = 25$  and  $25 + 9 = 34$ .
39. At  $15^{\circ}\text{C}$  you might see people riding a bicycle, taking a hike, or flying a kite. At  $30^{\circ}\text{C}$  you might see people swimming at the beach. At  $0^{\circ}\text{C}$  you might see people sledding or making snowballs.  
*Check student thermometers.*
40. Blue is the most popular color in First Grade and Fourth Grade. Red is the most popular color in Second Grade. Yellow is the least popular color in the Baker School.

## 4-Point Rubric for Extended-Constructed Response

**4** **A 4-point response:** The correct answer is given; if the work needs to be shown, then the work is complete and shows thorough understanding of the concepts.

**OR**

The student answers all parts completely and correctly.

**3** **A 3-point response:** The correct answer is given; if the work needs to be shown, then the work is mostly complete and shows good understanding of the concepts.

**OR**

A minor miscalculation leads to an incorrect answer; however, the work is complete and shows thorough understanding of the concepts.

**OR**

The student answers most parts completely and correctly; one part is incomplete, incorrect or not attempted.

**2** **A 2-point response:** The correct answer is given; if the work needs to be shown, then the work is partially complete and shows some understanding of the concepts.

**OR**

A major miscalculation leads to an incorrect answer; however, the work is complete and shows thorough understanding of the concepts.

**OR**

The student answers about half of the parts completely and correctly; about half of the parts are incomplete, incorrect or not attempted.

**1** **A 1-point response:** The correct answer is given; if the work needs to be shown, then the work is incomplete and shows little understanding of the concepts.

**OR**

An incorrect answer is given, and the work is complete; however, the work shows some understanding of the concepts.

**OR**

The student answers only one of the parts correctly, the remaining parts are incomplete, incorrect or not attempted.

**0** **A 0-point response:** The work was not attempted; shows little or no understanding of the concept.

**OR**

The student does not completely and correctly answer any of the parts.

## 2-Point Rubric for Short-Constructed Response

<b>2</b>	<b>A 2-point response:</b> The correct answer is given; if the work needs to be shown, then the work is complete and shows thorough understanding of the concepts. <b>OR</b> The student answers all parts completely and correctly.
<b>1</b>	<b>A 1-point response:</b> The correct answer is given; if the work needs to be shown, then the work is at least partially complete and shows some understanding of the concepts. <b>OR</b> A minor miscalculation leads to an incorrect answer; however, the work is complete and shows thorough understanding of the concepts. <b>OR</b> The student answers half of the parts completely and correctly; half of the parts are incomplete, incorrect or not attempted.
<b>0</b>	<b>A 0-point response:</b> The work was not attempted or shows little or no understanding of the concept. <b>OR</b> The student does not completely and correctly answer any of the parts.

## 1 Point Rubric for Short-Constructed Response

<b>1</b>	<b>A 1-point response:</b> The correct answer is given; if the work needs to be shown, then the work is complete and shows thorough understanding of the concepts.
<b>0</b>	<b>A 0-point response:</b> The work was not attempted or shows little or no understanding of the concept.