Name _____ Date _____

End of Grade Progress
Test 2

Fill in the letter of the correct answer.

1. What number should be used to complete the pattern below?

27, 26, 24, 21, ☐, 12, 6

(A) 17

(B) 18

(C) 20

(D) 27

---

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

515, 510, ☐, 500, ☐

(A) 520, 510

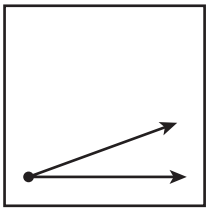
(B) 485, 480

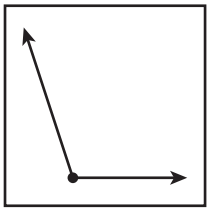
(C) 505, 495

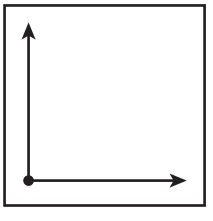
(D) 5, 10

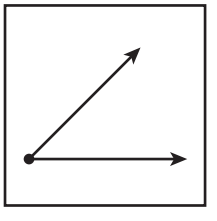
---

3. Which angle below is greater than a right angle?

(A) 

(B) 

(C) 

(D) 

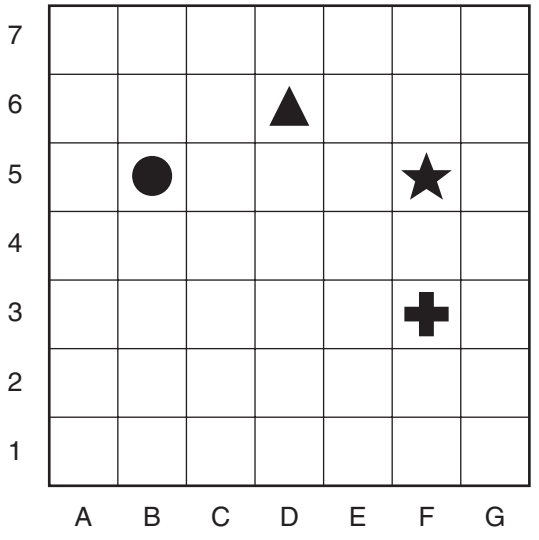
Go On

4. Mrs. Brennan is driving from Raleigh to Jacksonville. What is the best estimate of the distance she will travel?

(A) 1,200 miles
(B) 120 miles
(C) 120 yards
(D) $\frac{1}{2}$ kilometer

---

5. What symbol is in square (F, 5) on the grid?



(A) ●
(B) ★
(C) ✚
(D) ▲

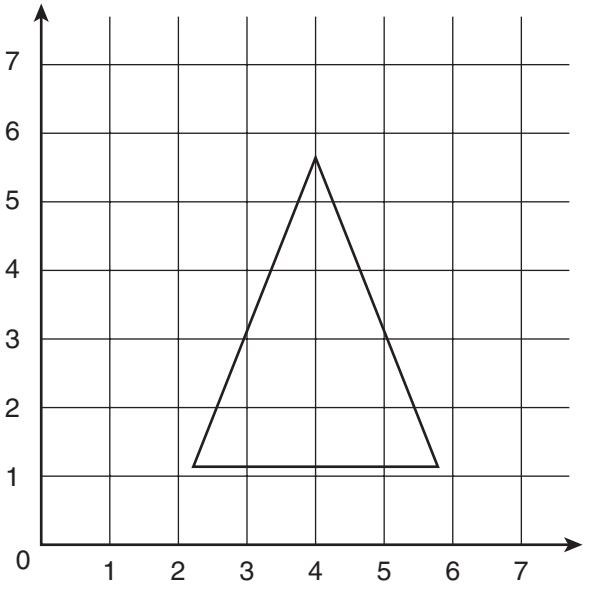
---

6. What is the name of this figure?

(A) a line
(B) a line segment
(C) a ray
(D) an angle

Name _____ Date _____

7. Which point lies on a line of symmetry for the triangle shown on the grid below?



Ⓐ (7, 1) Ⓑ (2, 5) Ⓒ (4, 2) Ⓓ (3, 3)

---

8. What is the value of n in the number sentence below?

$$6 + n = 27 \times 2$$

Ⓐ $n = 54$ Ⓑ $n = 48$ Ⓒ $n = 27$ Ⓓ $n = 21$

---

9. Maya counted the animals in her yard for three days. The table below shows how many animals she saw. How many birds did she see in all?

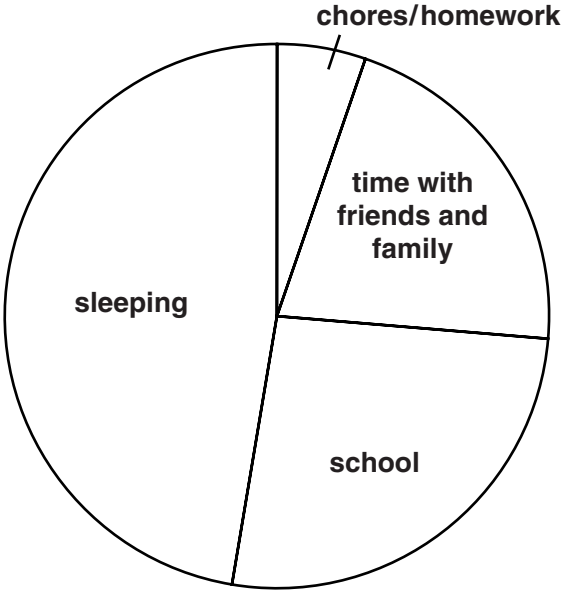
	Sunday	Monday	Tuesday
Rabbits	4	0	7
Squirrels	6	6	4
Birds	12	9	15

Ⓐ 16 Ⓑ 22 Ⓒ 36 Ⓓ 63

Go On

Name _____ Date _____

10. The circle graph below shows how Holly usually spends her time each day. What does she spend the most amount of time doing?



(A) chores/homework (B) school
(C) friends and family (D) sleeping

---

11. Mary Ann has 2 hats, 3 scarves, and 3 pairs of mittens. How many different combinations can she wear?

(A) 2 (B) 6 (C) 8 (D) 18

---

12. Mrs. Daly asks Jack, Peter, and Maria to stand in a line. What is the probability that a boy will be in the middle?

(A) 1 in 2 (B) 1 in 3 (C) 1 in 6 (D) 4 in 6

Go On

Name _____ Date _____

13. Mr. Slye needs to restock 5 shelves in his grocery store. He can fit 6 rows with 9 cans of soup in each row on one shelf. How many soup cans will fit on the shelves in all?

(A) 30 (B) 54 (C) 270 (D) 569

---

14. Phoebe brought 32 cookies to school. She gave half to her teacher. She divided the rest equally for herself and three friends. How many cookies did Phoebe get?

(A) 3 (B) 4

(C) 12 (D) 16

---

15. Travis sold 2 gallons of lemonade at the school fair for $0.10 a cup. About how much money did he earn?

(A) $0.20 (B) $0.30

(C) $3.00 (D) $30.00

---

16. Every day, third graders begin writing in their journals at 9:05. They write for 20 minutes. At what time do they stop writing?

(A) 9:15 (B) 9:20

(C) 9:25 (D) 9:30

Go On

17. How many grams does a 5-kilogram bag of flour weigh?

(A) 5,000
(B) 1,000
(C) 500
(D) 50

---

18. Vera's dog weighs twice as much as a large watermelon. A large watermelon weighs as much as 8 books. If each book weighs 4 pounds, how much does Vera's dog weigh?

(A) 12 pounds
(B) 32 pounds
(C) 64 pounds
(D) 96 pounds

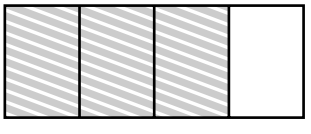
---

19. Which of the following numbers is less than 8,162?

(A) 8,261
(B) 8,612
(C) 8,216
(D) 8,126

---

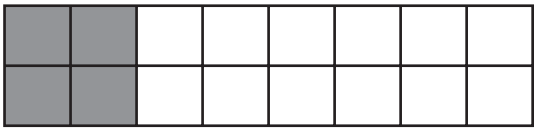
20. Manuel painted a piece of poster board for a project. What fraction of the poster board is painted?



(A) $\frac{1}{4}$ (B) $\frac{1}{3}$ (C) $\frac{1}{2}$ (D) $\frac{3}{4}$

Name _____ Date _____

21. Which fraction does NOT describe the shaded part of the rectangle?



(A) $\frac{4}{16}$ (B) $\frac{2}{8}$ (C) $\frac{3}{6}$ (D) $\frac{1}{4}$

---

22. Which of the following numbers is greater than 235 and less than 236?

(A) $233\frac{1}{4}$ (B) 235 (C) $235\frac{1}{2}$ (D) 237

---

23. Anson and her mother planted 24 flowers in their garden. One-half of the flowers are tulips. One-fourth of the flowers are yellow. Which statement below can NOT be true?

(A) Twelve flowers in the garden are not tulips.

(B) None of the tulips are yellow.

(C) There are 6 yellow flowers in the garden.

(D) All of the tulips are yellow.

---

24. Which number shows two thousand, four hundred seventy?

(A) 2,247 (B) 2,270 (C) 2,407 (D) 2,470

---

25. Which number sentence below is another way of writing 403?

(A) 40 + 3 (B) 300 + 13

(C) 300 + 10 + 3 (D) 300 + 90 + 13

Name _____ Date _____

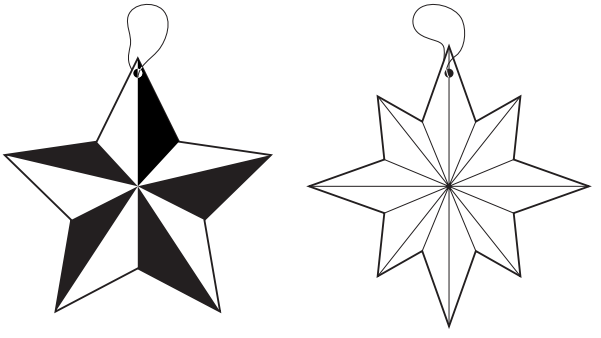
26. Which fraction is greater than $\frac{4}{6}$?

(A) $\frac{2}{6}$ (B) $\frac{3}{6}$

(C) $\frac{5}{6}$ (D) $\frac{4}{8}$

---

27. Mrs. Clay's class decorated the gym for the school program. They hung 74 gold stars and 45 silver stars. How many stars did they hang altogether?



(A) 29 (B) 109 (C) 119 (D) 129

---

28. The school cafeteria served 897 breakfasts in January and 732 breakfasts in February. How many breakfasts did the cafeteria serve in those two months?

(A) 1,529 (B) 1,539 (C) 1,629 (D) 1,639

---

29. Quentin found four times as many seashells as Kim. If Quentin found 48 seashells, how many seashells did Kim find?

(A) 4 (B) 12 (C) 44 (D) 192

Name _____ Date _____

30. There are 22 students in Mr. Reiner's class. Each student made 6 paper flowers for the bulletin board. About how many flowers did they make in all?

(A) 20 (B) 30 (C) 120 (D) 180

---

31. Which of the following is the same as $(4 \times 2) \times 7 = 56$?

(A) $4 \times (2 \times 7) = 56$

(B) $(4 + 2) + 7 = 56$

(C) $(4 \times 2) + 7 = 56$

(D) $(4 \div 2) \times 7 = 56$

---

32. Jody went shopping for school supplies. She bought a notebook for $2.19, a ruler for $1.09, a box of colored pencils for $3.69, and a calculator for $7.89. About how much did she spend?

(A) $15 (B) $13 (C) $10.76 (D) $8

---

33. How many thousands are in 5,461?

Answer: _____

---

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

$56 \times 5 = n + 11$

Answer: _____

_____

Name _____ Date _____

35. There are 42 owls in a forest. There are three times as many trees as owls. If there are half as many owls as blue jays, can each bird have its own tree?

Explain your answer using pictures, words, or numbers.

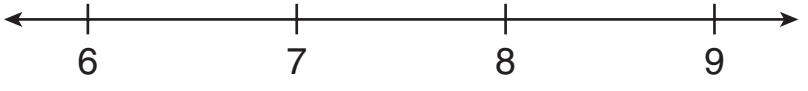
Answer: _____

_____

_____

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

$\frac{35}{4}$ $7\frac{2}{3}$ $\frac{13}{2}$ $8\frac{7}{8}$



37. Owen used 50 beads to make a bracelet. He used 9 wooden beads and 22 plastic beads. How many of the beads in the bracelet were not made of wood or plastic?

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

Answer: _____ _____

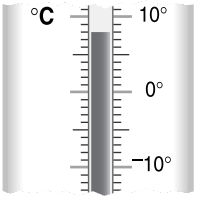
38. Jamal is making prize bags to give out at his party. He has seven friends coming to his party. Using mental math, tell how many prizes Jamal will need all together if he wants to put ten prizes in each bag. Tell how you figured it out.

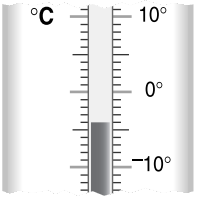
Answer: _____

_____

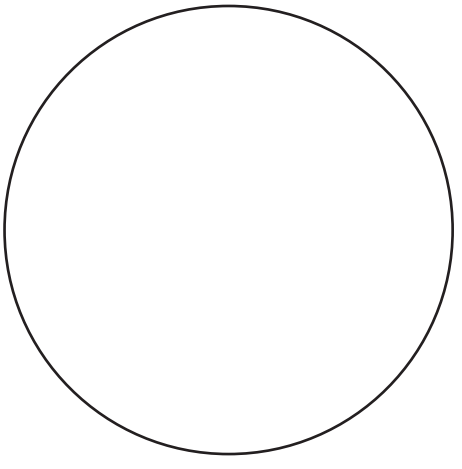
Name _____ Date _____

39. Barbara looks out her window and sees icicles hanging from the roof of her house. Which thermometer probably shows the temperature outside? Explain your answer.

A. 

B. 

40. Mrs. Condon asked the students in her third grade class to choose their favorite sport. 11 students voted for soccer, 6 students voted for baseball, 6 students voted for basketball, and 1 student voted for hockey. Construct a circle graph to display the data.



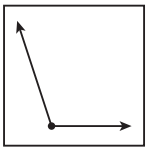
Give three different facts that compare/contrast the data.

Stop

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

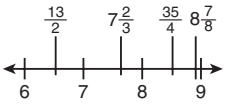
31. A $4 \times (2 \times 7) = 56$

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.

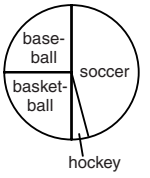
35. Yes. There are 126 trees (42 × 3) and and 126 birds (42 + 84).

36. 

37. 19 beads; 9 + 22 + □ = 50.

38. Jamal will need 70 prizes. 7 × 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˚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 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.

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

2	**A 2-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.
1	**A 1-point response:** 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. **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 half of the parts completely and correctly; half of the parts are incomplete, incorrect or not attempted.
0	**A 0-point response:** The work was not attempted or shows little or no understanding of the concept. **OR** The student does not completely and correctly answer any of the parts.

1 Point Rubric for Short-Constructed Response

1	**A 1-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.
0	**A 0-point response:** The work was not attempted or shows little or no understanding of the concept.