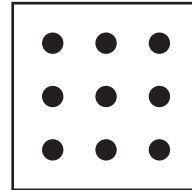
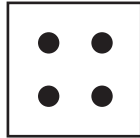


Fill in the letter of the correct answer.

1. Which number sentence represents the next part of this sequence?



$1 \times 1 = 1$

$2 \times 2 = 4$

$3 \times 3 = 9$

(A) $2 \times 3 = 6$

(B) $3 \times 4 = 12$

(C) $4 \times 4 = 16$

(D) $5 \times 5 = 25$

2. Which number comes next in the pattern below?

207, 205, 203, 201,

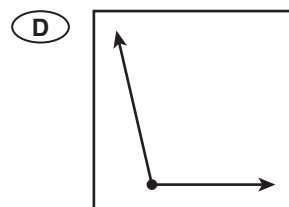
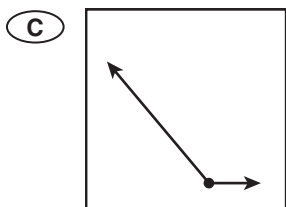
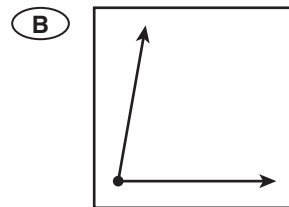
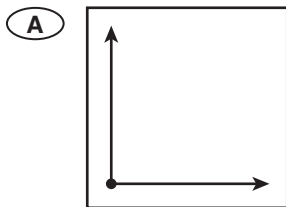
(A) 299

(B) 200

(C) 199

(D) 101

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

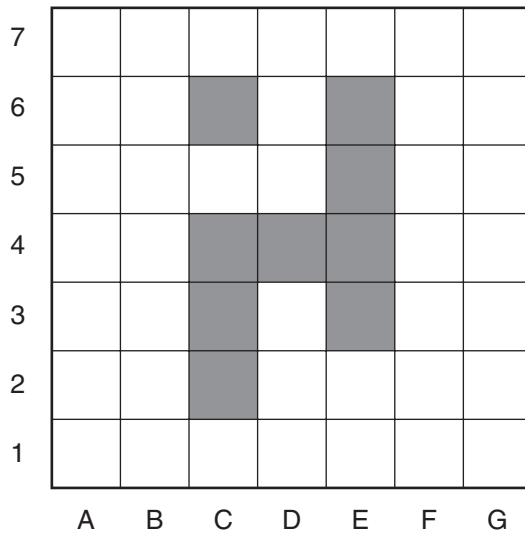


Name _____ Date _____

4. Which is the best estimate of the distance between New Bern and Greenville?

- (A) 5,000 miles
- (B) 50 miles
- (C) 5 yards
- (D) $\frac{1}{5}$ kilometer

5. Which other squares need to be shaded to complete the “H” on the grid?



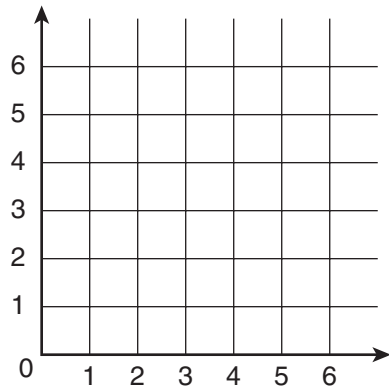
- (A) (C, 5) and (E, 2)
- (B) (C, 5) and (C, 2)
- (C) (C, 3) and (D, 5)
- (D) (A, 2) and (D, 5)

6. Which of the following is a line segment?

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

Name _____ Date _____

7. Which point on the grid is NOT passed in moving from (1, 5) to (6, 5)?



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

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

$$45 \div \star = 5$$

- (A) ★ = 225 (B) ★ = 40
(C) ★ = 9 (D) ★ = 5

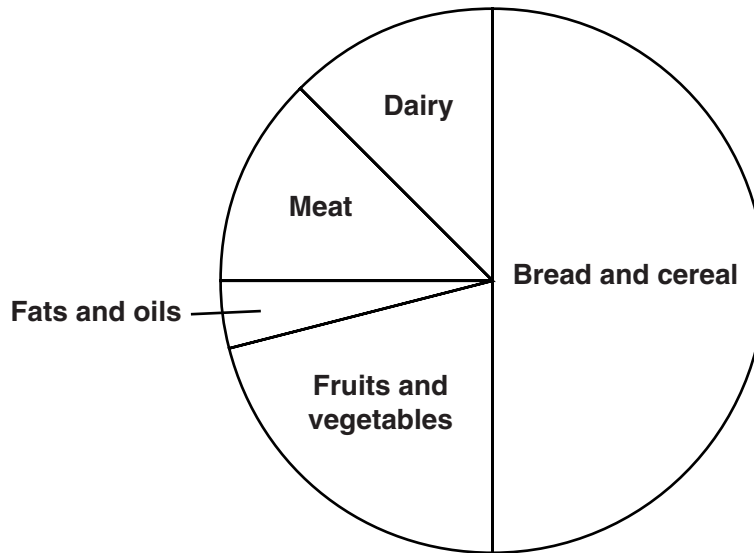
9. The third grade class sold school supplies to help pay for the cost of going to the zoo. The table below shows how many items were sold. How many pencils did they sell in all?

	Week 1	Week 2	Week 3
Notebooks	20	22	21
Pencils	21	31	62
Erasers	52	60	55

- (A) 94 (B) 114 (C) 124 (D) 142

Name _____ Date _____

10. The circle graph below shows how much from each food group Spencer ate today. If he had 3 servings from the dairy group, about how many servings did he have of bread and cereal?



- (A) 2 (B) 12 (C) 22 (D) 32

-
11. Dillon packed 3 shirts, 3 pairs of shorts, and 2 pairs of shoes for his trip to Raleigh. How many different outfits can he wear?

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

Name _____ Date _____

12. Catherine is making a three-digit number using the digits 6, 7, and 8. If no number can repeat a digit, what is the probability that she will make an even number?

A 1 out of 6 B 1 out of 21
 C 4 out of 6 D 2 out of 9

13. Gus collects toy cars. Each car is 2 inches long. His shelf is 34 inches long. If he puts his cars in a line from one end of his shelf to the other, how many cars long is his shelf?

A 17 B 22 C 34 D 40

14. Sara was packing boxes of soup cans for the food drive. She found that she could pack 8 cans along one side of the carton and 4 cans along the other side. She could fit 3 layers of cans in the box. How many cans could she fit into each carton?

A 15 B 32 C 96 D 102

15. Ned wants to measure the liquid that a small spoon holds. Which unit should Ned use to measure the liquid?

A liters B quarts
 C cups D milliliters

Name _____ Date _____

16. The large clock below shows 11:05. Which small clock below shows the time 15 minutes later than the large clock?



A



B



C



D



17. Ann kept track of how long it took her to complete her homework last week. She worked for $\frac{1}{2}$ hour on Monday, 45 minutes on Tuesday, 1 hour on Wednesday, and 45 minutes on Thursday. How much time did she spend doing homework in minutes?

A 3 hours

B 300 minutes

C 180 minutes

D 90 minutes

Name _____ Date _____

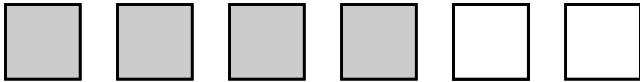
18. Frieda measured the weight of her toothbrush. What is a good estimate of its weight?

(A) 4 cups (B) 4 ounces
(C) 4 pounds (D) 4 yards

19. Which of the following numbers is NOT greater than 5,207?

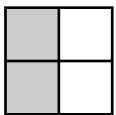
(A) 7,205 (B) 7,025
(C) 5,720 (D) 5,072

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




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

21. Which of the following is equal to $\frac{2}{4}$?

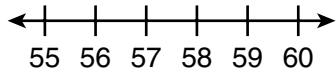


(A) $\frac{1}{5}$  (B) $\frac{1}{3}$ 

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

Name _____ Date _____

22. Which of the following numbers is between 58 and 59 on the number line?



- (A) 56 (B) $57\frac{1}{2}$ (C) $58\frac{1}{2}$ (D) 60
-

23. Jay is thinking of a number. It is more than 16 and less than 25. It is an even number. Which of these numbers can be his number?

- (A) 17 (B) 18 (C) 21 (D) 23
-

24. How would you write 4,006 in words?

- (A) four hundred six (B) four hundred sixty
(C) four thousand, six (D) four thousand, sixty
-

25. Which shows $3,000 + 70 + 4$?

- (A) 374 (B) 3,074 (C) 3,704 (D) 3,740
-

26. Which fraction is NOT greater than one-third?

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

Name _____ Date _____

27. Tyler and Aaron collected soda cans for school. Tyler collected 359 cans. Aaron collected 452 cans. How many more cans did Aaron collect?

- A 93 B 111 C 183 D 399
-

28. A prize committee bought 664 small prizes and 350 large prizes for the school carnival. How many prizes did they buy in all?

- A 314 B 914 C 924 D 1,014
-

29. There are 200 children that need to be placed into 10 groups. Terry decided to put 20 children in each group. Which operation did Terry perform to determine the number of children in each group?

- A multiply B divide
 C add D subtract
-

30. Lulu can type 67 words per minute. About how many words can she type in 5 minutes?

- A 72 B 100
 C 150 D 350
-

31. Which of the following is the same as $2 \times 8 = 16$?

- A $8 - 2 = 16$ B $8 \times 2 = 16$
 C $8 \div 2 = 16$ D $8 + 2 = 16$

Name _____ Date _____

32. The science club printed 950 letters to parents about their science fair. They mailed out 762 letters. About how many letters were NOT mailed?

(A) 200 (B) 298 (C) 1,250 (D) 1,800

33. In the number 4,126, which digit is in the tens place?

Answer: _____

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

$$n - 4 = 16 \times 3$$

Answer: _____

35. It takes Mr. Demetros 7 hours to drive directly to his sister's house. He stops for 1 hour to have lunch. Then he calculates that he will arrive in 2 hours. How many hours ago did he leave?

Explain your answer using pictures, words, or numbers.

Answer: _____

Name _____ Date _____

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

$$\frac{2}{3} \quad 2\frac{1}{2} \quad \frac{1}{8} \quad \frac{5}{4}$$



37. Sam has 24 tickets to use at the carnival. He wants to spend them all on games. If games cost 3 tickets each, how many games can Sam play?

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

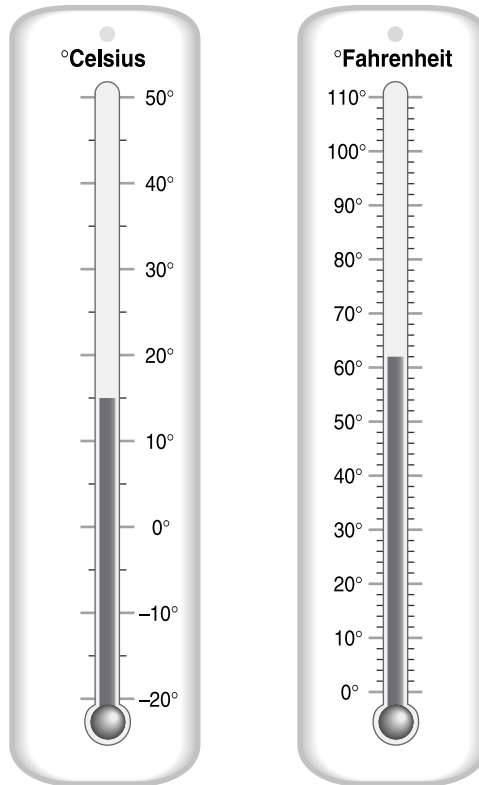
Answer: _____

38. Parcell has a large vegetable garden. She picked 10 tomatoes each day for 25 days. Use mental math to find the number of tomatoes she picked. Explain what you did to get your answer.

Answer: _____

Name _____ Date _____

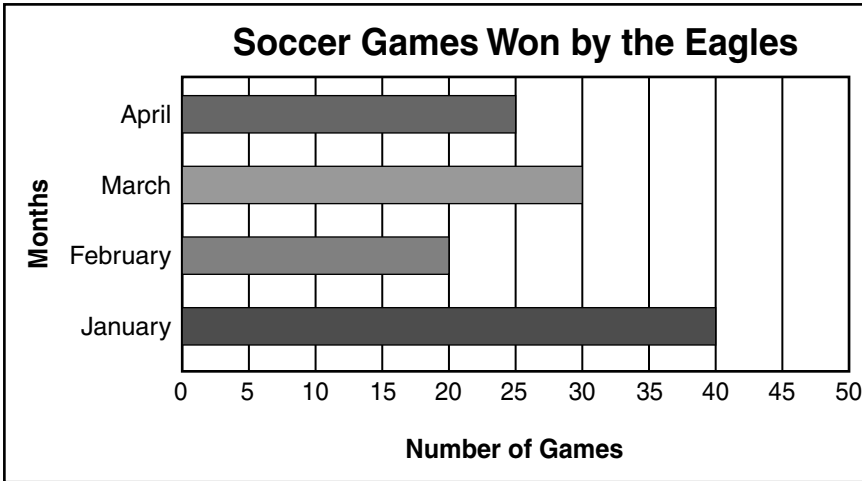
39. Write each temperature using degrees Fahrenheit ($^{\circ}\text{F}$) or degrees Celsius ($^{\circ}\text{C}$). Then describe an activity you might see people doing outside at each temperature.



Answer: _____

Name _____ Date _____

40. Look at the graph below.



How many games did the Eagles win in March?

Answer: _____

How many more games did the Eagles win in April than in February?

Answer: _____

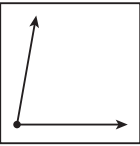

How many games do you predict the Eagles will win next year? Explain your answer.

Answer: _____




13. D 306 miles [Unit Objective 8F] Extends Standards
14. C 8,000 meters [Unit Objective 8A] Extends Standards
15. C 2,120 [Unit Objective 8D] Extends Standards
16. A 93 R4 [Unit Objective 8E] Extends Standards
17. A 161 pounds [Unit Objective 8C] Extends Standards
18. C 1,800 kilometers [Unit Objective 8A] Extends Standards
19. \$11.14.
Possible explanation: Multiplied the cost of the kneepads by 3 (\$16.47), added to that the cost of a soccer ball (\$33.42), then divided by 3 (\$11.14). [Unit Objective 8F] Extends Standards
20. yes.
Possible explanation: $258 \times 6 = 1,548$;
 $310 \times 4 = 1,240$; $1,548 + 1,240 = 2,788$ seats.
 $2,788 > 2,500$. [Unit Objective 8F] Extends Standards

End of Grade Progress Test 1

1. C $4 \times 4 = 16$
2. C 199
3. B 
4. B 50 miles
5. A (C, 5) and (E, 2)
6. C 
7. B (5, 4)
8. C $\star = 9$
9. B 114
10. B 12
11. D 18
12. C 4 out of 6
13. A 17
14. C 96
15. D milliliters

16. C



17. C 180 minutes
18. B 4 ounces
19. D 5,072
20. D $\frac{4}{6}$
21. C $\frac{1}{2}$ 
22. C $58\frac{1}{2}$
23. B 18
24. C four thousand, six
25. B 3,074
26. D $\frac{1}{4}$
27. A 93
28. D 1,014
29. B divide
30. D 350
31. B $8 \times 2 = 16$
32. A 200

33. The digit 2 is in the tens place.
34. The value of n is 52. Possible explanation: I multiplied 16 by 3 to get 48. I know that $52 - 4 = 48$ so $n = 52$.

35. He left 6 hours ago. $7 + 1 - 2 = 6$



37. 8 games; $3 \times \square = 24$.
38. Parcell picked 250 tomatoes. $10 \times 25 = 250$.
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. At 15°C you might see people going for a hike, flying a kite, or riding bicycles. At 62°F you might see people doing similar activities.
40. The Eagles won 30 games in March. They won 5 more games in April than in February. I predict the Eagles will win about 100 games next year because they won 115 games this year.

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.