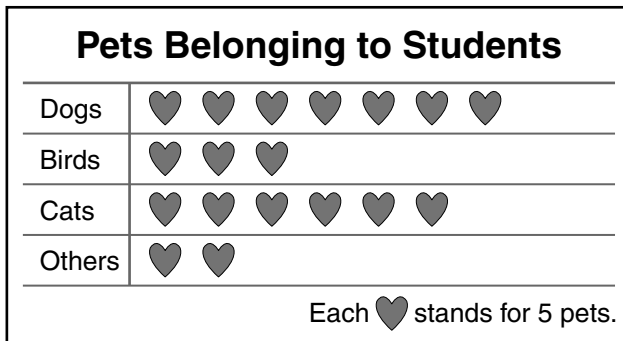


Name \_\_\_\_\_ Date \_\_\_\_\_

Fill in the letter of the correct answer.

The pictograph shows the results of a survey about the types of pets that students at Oak School have. Use the pictograph for Questions 1–2.



1. How many cats do the students have?

- (A) 6                       (B) 15                       (C) 30                       (D) 35

2. How many more dogs than birds do the students have?

- (A) 3                       (B) 4                       (C) 15                       (D) 20

3. Suppose the sections of a spinner are numbered 1–8. What is the probability that the spinner will land on an even number?

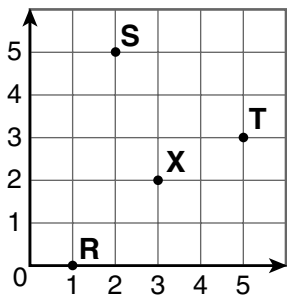
- (A) 1 out of 8                       (B) 2 out of 8  
 (C) 4 out of 8                       (D) 8 out of 8

4. A spinner with 6 sections has 5 red sections and 1 blue section. What is the probability that a spin will land on blue?

- (A) certain                       (B) likely                       (C) unlikely                       (D) impossible

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

Use the grid for Questions 5–6.



5. What is the ordered pair for point X?

- Ⓐ (1, 3)      Ⓑ (2, 3)      Ⓒ (3, 2)      Ⓓ (5, 3)

6. Which point matches the ordered pair (5, 3)?

- Ⓐ R      Ⓑ S      Ⓒ T      Ⓓ X

Use the letter cards for Questions 7–8.



7. Suppose the letter cards are face down and mixed up.  
 If you pick one card, which letter is it most likely to be?

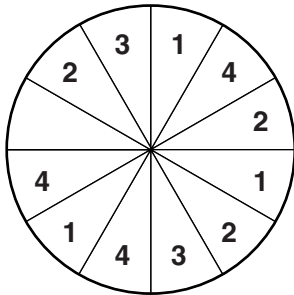
- Ⓐ W      Ⓑ X      Ⓒ Y      Ⓓ Z

8. Suppose the letter cards are face down and mixed up.  
 What is the probability of picking a card with the letter X?

- Ⓐ 1 out of 10      Ⓑ 2 out of 10  
 Ⓒ 3 out of 10      Ⓓ 4 out of 10

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

9. Jing is making the spinner to use in a game. What number should she write in the blank section so all the numbers will have the same probability?



- (A) 1                      (B) 2                      (C) 3                      (D) 4

10. At the beginning of the school year there are 19 students in Mr. Horton's class. Two new students join the class each month, including the first month. How many students are in the class after four months?

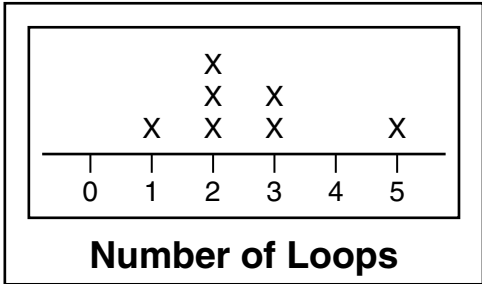
- (A) 23                      (B) 27                      (C) 29                      (D) 31

11. LaTasha is making a pictograph to show how many photos she took with her new camera each week in February. She took 15 photos the first week, 21 the second week, 9 the third week, and 18 the fourth week. Each symbol in her pictograph stands for 3 photos. How many symbols will she draw for the second week?

- (A) 5                      (B) 7                      (C) 15                      (D) 21

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

The line plot shows the number of loops in each of 7 roller coasters. Use the line plot for Questions 12–14.



12. How many roller coasters have 2 or more loops?

- A 2                       B 3  
 C 5                         D 6

13. What is the range of the data?

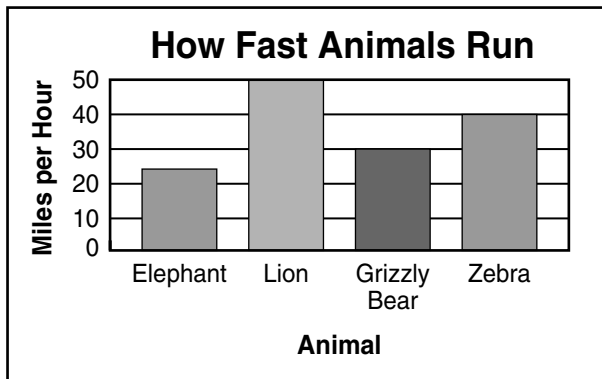
- A 2                         B 3  
 C 4                         D 5

14. What is the mode of the data?

- A 1                         B 2  
 C 3                         D 5

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

**Cody made a graph to show how fast some animals can run. Use his bar graph for Questions 15–17.**



**15.** Which animal is the slowest?

- (A) elephant
- (B) lion
- (C) grizzly bear
- (D) zebra

---

**16.** How many miles per hour can a zebra run?

- (A) 20
- (B) 25
- (C) 40
- (D) 50

---

**17.** How many more miles per hour can a lion run than a grizzly bear?

- (A) 10
- (B) 20
- (C) 30
- (D) 50

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

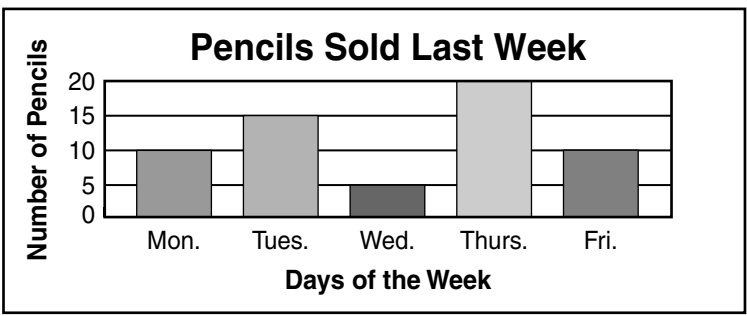
**18.** Luis can't decide whether to read a book about basketball or baseball. He puts 5 books about basketball and 8 books about baseball on a table. Luis closes his eyes and chooses a book. What is the probability that he chooses a book about basketball?

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

**19.** There are 22 students in Ms. Ramsey's class, and 13 are girls. Ms. Ramsey writes each student's name on a slip of paper, places the papers in a box, and draws out one name without looking. What is the probability that she picks a boy's name?

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

**20.** The graph shows how many pencils the school store sold each day last week. If each box contains 35 pencils, how many boxes of pencils should be ordered for sale this week? Will you have enough pencils if sales are about the same? Explain your answer.



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

\_\_\_\_\_

\_\_\_\_\_

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# ANSWER KEY

## EOG Practice Test Unit 1

1. C measure [Unit Objective 1A] Maintains Standards
2. B position [Unit Objective 1A] Maintains Standards
3. C 6,939 6,703 6,599 [Unit Objective 1C] 1.01c
4. B ten thousands [Unit Objective 1B] 1.01b
5. C 6,460 [Unit Objective 1C] Maintains Standards
6. D 748,295 [Unit Objective 1B] 1.01a
7. B 369 [Unit Objective 1C] 1.01
8. B \$50.00 [Unit Objective 1C] Maintains Standards
9. C nine [Unit Objective 1B] 1.01b
10. D 16 [Unit Objective 1E] 5.0d
11. B \$88.00 [Unit Objective 1C] Maintains Standards
12. D 500 [Unit Objective 1E] Maintains Standards
13. A \$1.61 [Unit Objective 1D] Extends Standards
14. A \$93.04 [Unit Objective 1C] Extends Standards
15. D \$5.92 [Unit Objective 1D] Extends Standards
16. B 4 [Unit Objective 1D] Extends Standards
17. B 1 dime and 2 pennies [Unit Objective 1D] Extends Standards
18.  $650 > 250$  [Unit Objective 1E] Maintains Standards
19. C \$0.62 \$0.77 \$0.84 [Unit Objective 1C] Extends Standards
20. Quincy received more change.  
Possible explanation: Carrie spent \$0.79 and paid one dollar.  $\$1.00 - \$0.79 = \$0.21$ , so she received \$0.21 in change. Quincy spent \$4.25 and paid five dollars.  $\$5.00 - \$4.25 = \$0.75$ , so he received \$0.75 in change. \$0.75 is greater than \$0.21, so Quincy received more change than Carrie. [Unit Objective 1E] Extends Standards

## EOG Practice Test Unit 2

1. D  $2 + 5$  [Unit Objective 2A] 1.04
2. A 0 [Unit Objective 2A] 1.02a

**EOG Practice Tests** Question 19 has a 2-point maximum score; Question 20 has a 4-point maximum score.

3. C 107 [Unit Objective 2C] 1.02a
4. C 50 [Unit Objective 2B] 1.02b
5. C 1,400 [Unit Objective 2B] 1.02b
6. C 3,000 [Unit Objective 2B] 1.02b
7. B 4 [Unit Objective 2A] 1.02c
8. D 13 [Unit Objective 2A] 1.04
9. C 2,152 [Unit Objective 2D] 1.02a
10. B 163 [Unit Objective 2E] 1.02a
11. D 851 [Unit Objective 2C] 1.02a
12. C 1,197 [Unit Objective 2E] 1.02a
13. A 20 ft [Unit Objective 2B] 1.02a
14. D 57 [Unit Objective 2C] 1.02a
15. C 24 [Unit Objective 2D] 1.02
16. A 1,738 [Unit Objective 2D] 1.02a
17. B 194 [Unit Objective 2C] 1.02a
18. D 101 [Unit Objective 2C] 1.02a
19. 7,942 pounds;  $8,215 - 273 = 7,942$  [Unit Objective 2E] 1.02a
20. About 30 years.  
Possible explanation: Round 1896 to 1900. Round 1928 to 1930.  $1930 - 1900 = 30$ . [Unit Objective 2E] 1.02b

## EOG Practice Test Unit 3

1. C 30 [Unit Objective 3B] Maintains Standards
2. D 20 [Unit Objective 3B] Maintains Standards
3. C 4 out of 8 [Unit Objective 3D] Maintains Standards
4. C unlikely [Unit Objective 3D] Maintains Standards
5. C (3, 2) [Unit Objective 3C] 3.02a
6. C T [Unit Objective 3C] 3.02a
7. D Z [Unit Objective 3D] Maintains Standards
8. B 2 out of 10 [Unit Objective 3D] Maintains Standards
9. C 3 [Unit Objective 3E] Maintains Standards
10. B 27 [Unit Objective 3E] 1.06
11. B 7 [Unit Objective 3E] Maintains Standards
12. C 5 [Unit Objective 3B] Maintains Standards
13. C 4 [Unit Objective 3A] Extends Standards

14. B 2 [Unit Objective 3A] Extends Standards
15. A elephant [Unit Objective 3B] Extends Standards
16. C 40 [Unit Objective 3B] Extends Standards
17. B 20 [Unit Objective 3B] Extends Standards
18. D 5 out of 13 [Unit Objective 3E] Maintains Standards
19. 9 out of 22 [Unit Objective 3E] Maintains Standards
20. Possible explanation: Two boxes should be ordered. Last week the store sold 60 pencils. Since there are 35 pencils in a box, there are 70 in two boxes. This is enough so the store can sell about the same as the last week. [Unit Objective 3E] Extends Standards

### EOG Practice Test Unit 4

1. A  $3 \times 4 = 12$  [Unit Objective 4A] 1.03c
2. B  $2 \times 4 = 8$  [Unit Objective 4A] 1.03a
3. C 4 [Unit Objective 4B] 1.04
4. A 0 [Unit Objective 4B] 1.04
5. A  $15 \div 3 = 5$  [Unit Objective 4C] 1.03
6. C 7 [Unit Objective 4C] 1.03
7. B 30 [Unit Objective 4D] 1.03
8. B 7 [Unit Objective 4F] 1.06
9. B 8 [Unit Objective 4E] 1.03
10. C 63 [Unit Objective 4B] 1.03
11. C 10 [Unit Objective 4F] 4.02
12. B 9 [Unit Objective 4E] 1.03
13. A 9 [Unit Objective 4C] 1.03
14. C 32 [Unit Objective 4F] 1.06
15. B 2 large boxes and 3 small boxes [Unit Objective 4F] 1.06
16. C 42 miles per hour [Unit Objective 4D] 1.03b
17. B 4 [Unit Objective 4F] 1.06
18. D 100 years [Unit Objective 4F] 1.06
19. blue.  
Possible explanation: When pattern is repeated 3 times you have 12 buttons. Beginning pattern again, 13 is orange and 14 is blue. [Unit Objective 4F] 1.06

20. Joseph needs to take 37 cookies.  
Possible explanation: Each aunt has 4 children, so that's 24 children. There are 6 aunts, 5 uncles, and 2 grandparents.  $24 + 6 + 5 + 2 = 37$  [Unit Objective 4F] 1.06

### EOG Practice Test Unit 5

1. C 3:20 [Unit Objective 5A] Maintains Standards
2. D 1 hour 10 minutes [Unit Objective 5A] 2.01a
3. B 30 grams [Unit Objective 5C] 2.02c
4. B 7:30 A.M. [Unit Objective 5A] 2.01a
5. C  $20^{\circ}\text{C}$  [Unit Objective 5B] 2.02d
6. A 1 quart [Unit Objective 5C] 2.02a
7. B 32 ounces [Unit Objective 5C] 1.06
8. C January 17 [Unit Objective 5A] Maintains Standards
9. B January 27 [Unit Objective 5A] Maintains Standards
10. C 4 yards [Unit Objective 5C] 2.01b
11. C 5 feet [Unit Objective 5D] 1.06
12. A 4 [Unit Objective 5C] 2.01b
13. B 6 [Unit Objective 5D] 2.01b and 1.06
14. B  $5\frac{1}{2}$  [Unit Objective 5C] 2.01b and 1.06
15. A  $48^{\circ}\text{F}$  [Unit Objective 5B] 2.02d
16. D  $40^{\circ}\text{F}$  [Unit Objective 5B] Extends Standards
17. B 2 meters [Unit Objective 5C] Extends Standards
18. A 3 [Unit Objective 5D] 1.03
19. Monday. Two weeks from Wednesday the 11th would be the 25th. Then counting the next 5 days, Thursday (26th), Friday (27th), Saturday (28th), Sunday (29th), and Monday (30th). [Unit Objective 5D] 1.06
20. 6. Possible explanation: There are 16 cups in a gallon.  $16 \times 3 = 48$  cups in 3 gallons. 48 cups divided among 8 people = 6 cups per person. [Unit Objective 5D] 2.01b and 1.06

### EOG Practice Test Unit 6

1. B scalene [Unit Objective 6B] 3.01
2. D ray [Unit Objective 6A] 3.01
3. A cylinder [Unit Objective 6B] 3.01

**EOG Practice Tests** Question 19 has a 2-point maximum score; Question 20 has 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

<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.