

Name _____ Date _____

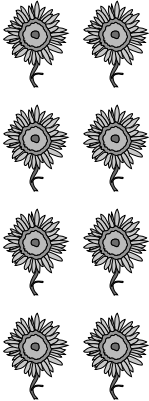
Fill in the letter of the correct answer.

1. What is the multiplication sentence for this addition sentence?

$$3 + 3 + 3 + 3 = 12$$

- (A) $3 \times 4 = 12$ (B) $3 \times 3 = 12$
(C) $3 + 9 = 12$ (D) $6 \times 2 = 12$

2. What is the multiplication sentence for this picture?



- (A) $4 \times 1 = 4$ (B) $2 \times 4 = 8$
(C) $2 \times 4 = 6$ (D) $2 \times 3 = 6$

3. Akiko thought about the Commutative Property of Multiplication. She wrote this number sentence. Which number should go in the \square to make the number sentence true?

$$6 \times 4 = \square \times 6$$

- (A) 0 (B) 1 (C) 4 (D) 6

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4. Which number should go in the \square to show an example of the Zero Property?

$$5 \times \square = 0$$

- (A) 0 (B) 1 (C) 5 (D) 10

5. Which number sentence is a member of the fact family for the array shown?



- (A) $15 \div 3 = 5$ (B) $12 \div 4 = 3$
 (C) $15 \div 15 = 1$ (D) $20 \div 4 = 5$

6. Which number should go in the \square to make the number sentence true?

$$\text{If } 7 \times 9 = 63, \text{ then } 63 \div 9 = \square$$

- (A) 63 (B) 9 (C) 7 (D) 0

7. Tyler bought 6 boxes of markers. There are 5 markers in each box. How many markers did he buy?

- (A) 35 (B) 30 (C) 20 (D) 11

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8. Shannon brought 10 balloons to decorate the room for the party. Tremain and Jasmine brought 9 each. They want to tie the same number of balloons to each of 4 chairs. How many balloons will they tie to each chair?

(A) 4 (B) 7 (C) 8 (D) 24

9. Which number should go in the to make the number sentence true?

$$\boxed{56 \div 7 = \square}$$

(A) 9 (B) 8 (C) 7 (D) 6

10. Which number should go in the to make the number sentence true?

$$\boxed{7 \times (3 \times 3) = \square}$$

(A) 54 (B) 56 (C) 63 (D) 72

11. Jodi has 5 kinds of cheese and 2 kinds of bread. How many different kinds of sandwiches can she make if she uses 1 kind of cheese and 1 kind of bread for each sandwich?

(A) 5 (B) 7 (C) 10 (D) 12

12. The 72 students in third grade were divided into 8 groups for Field Day. How many students were in each group?

(A) 8 (B) 9 (C) 11 (D) 12

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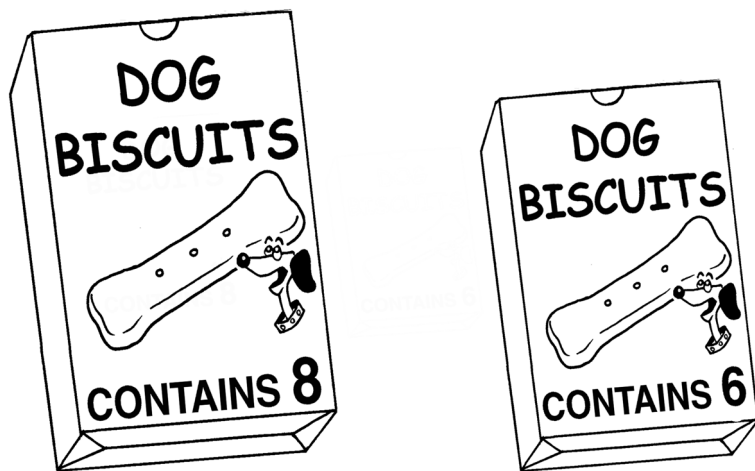
13. One of the two factors in a multiplication problem is 6.
The product is 54. What is the other factor?

- (A) 9 (B) 8 (C) 7 (D) 6
-

14. Sonia collected 8 movie posters. Molly collected three times
as many as Sonia. How many movie posters did they
have all together?

- (A) 16 (B) 24 (C) 32 (D) 36
-

15. Mr. Gray wants to buy exactly 34 dog biscuits. How many
large boxes and how many small boxes should he buy?



- (A) 6 large boxes and 8 small boxes
(B) 2 large boxes and 3 small boxes
(C) 3 large boxes and 2 small boxes
(D) 4 large boxes and no small boxes

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16. Scientists use the Beaufort Scale to measure wind speed. A light breeze is about 6 miles per hour. The wind speed of a gale is 7 times stronger than a light breeze. About how strong is the wind speed of a gale?

- (A) 13 miles per hour
- (B) 36 miles per hour
- (C) 42 miles per hour
- (D) 49 miles per hour

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17. In a football game, Derek's team scored 4 touchdowns, 3 extra points, and 2 field goals. Nathan's team scored 5 touchdowns, 4 extra points, and 1 field goal. How many more points did Nathan's team score than Derek's?

Touchdown = 6 points

Field Goal = 3 points

Extra Point = 1 point

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

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18. On average, a rabbit lives about 5 years. The average life of an Asian elephant is 8 times that of a rabbit. A box turtle may live 60 years longer than an Asian elephant. How long can a box turtle live?

Answer: _____

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19. Sara made a row of buttons. The first button is orange, the second is blue, and the third is yellow. She repeated the pattern 4 times. What color is the 14th button? Explain your answer.

Answer: _____

20. Joseph is going to a family reunion. Each of his 6 aunts will be there. Each aunt has 4 children. Joe wants to take a cookie to each child. He also wants to give a cookie to each aunt, to each of his 5 uncles, and to his grandmother and grandfather. Explain how Joseph knows how many cookies he needs to take.

Answer: _____



- 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°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°F [Unit Objective 5B] 2.02d
- 16. D 40°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

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.