

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

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

1. Which is the best estimate of the product?

$39 \times 4$

- (A) 120      (B) 150      (C) 160      (D) 304
- 

2. What is the product?

$30 \times 9$

- (A) 27      (B) 270      (C) 360      (D) 2,700
- 

3. Ms. Allen's class needs 35 sheets of colored paper for an art project. How many packages of paper do they need to buy?



- (A) 3      (B) 4      (C) 5      (D) 6

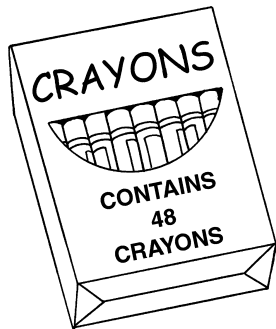
Name \_\_\_\_\_ Date \_\_\_\_\_

4. Which of the following should go in the  to make the number sentence true?

$$89 \times 9 = \square$$

- (A) 711      (B) 801      (C) 811      (D) 891

- 
5. Mr. Castillo's grandchildren are coming for a visit. He bought 6 boxes of crayons for them. Which of the following is the best estimate of the number of crayons Mr. Castillo bought?



- (A) 30      (B) 210      (C) 240      (D) 300

- 
6. In 1860 and 1861 the Pony Express carried mail between Missouri and California. Usually each rider rode 75 miles. How far would 8 riders go?

- (A) 500 miles      (B) 580 miles  
(C) 600 miles      (D) 660 miles

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7. What is the quotient?

$$438 \div 6$$

- (A) 64                      (B) 71                      (C) 72                      (D) 73
- 

8. Which of the following should go in the  to make the number sentence true?

$$\$3.12 \div 8 = \square$$

- (A) \$0.39                      (B) \$0.40                      (C) \$1.39                      (D) \$3.90
- 

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

$$\$8.79 \times 4 = \square$$

- (A) \$34.16                      (B) \$35.16                      (C) \$35.26                      (D) \$36.16
- 

10. The manatee is a large mammal that lives in water. An adult manatee eats 32 kilograms of food each day. How much food do 100 manatees eat in a day?

- (A) 160 kilograms  
(B) 320 kilograms  
(C) 3,200 kilograms  
(D) 32,000 kilograms

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11. Which is the best estimate of the quotient?

$209 \div 7$
--------------

- (A) 20       (B) 30       (C) 40       (D) 300
- 

12. When 490 is divided by 7, what is the quotient?

- (A) 70       (B) 79       (C) 80       (D) 81
- 

13. Mariana's family is planning a trip to visit her grandmother, who lives 918 miles away. Mariana and her family plan to take 3 days to make the drive to her grandmother's house. If they plan to drive the same distance every day, how far will they drive in a day?

- (A) 206 miles       (B) 208 miles  
 (C) 300 miles       (D) 306 miles
- 

14. In the Fitness Day Relay Walk, 8 members of a team will each walk 1,000 meters. How far will the team walk?

- (A) 80 meters       (B) 800 meters  
 (C) 8,000 meters       (D) 16,000 meters
- 

15. Ashanti is writing a report about the elementary schools in her town. She learned that each of the 4 schools has 530 students. How many students are there altogether in the schools?

- (A) 2,021       (B) 2,100       (C) 2,120       (D) 2,220

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

16. Which of the following should go in the  to make the number sentence true?

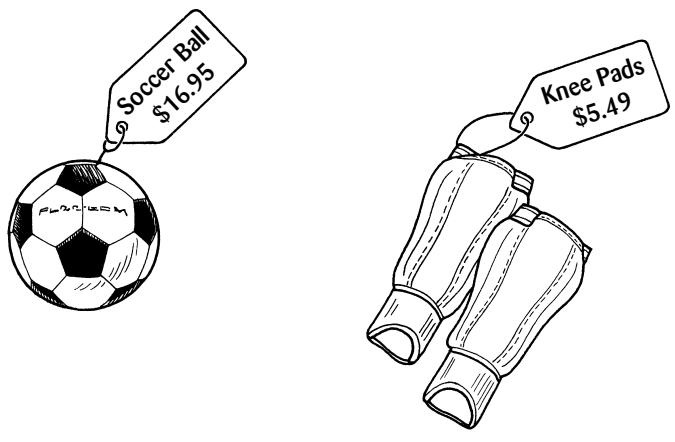
$$748 \div 8 = \square$$

- (A) 93 R4  
(B) 93 R5  
(C) 94 R5  
(D) 96 R4
- 
17. If 6 people all weigh the same, and their total weight is 966 pounds, how much does each person weigh?
- (A) 161 pounds  
(B) 166 pounds  
(C) 211 pounds  
(D) 266 pounds
- 
18. The TGV train in France is a high-speed train that travels at an average speed of about 300 kilometers per hour. How far can the TGV go in 6 hours?

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

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19. Roy, Armando, and Zach are getting ready for soccer practice. They need one soccer ball and each boy needs his own set of knee pads. They will divide the cost equally. How much will each boy pay? Explain how you got your answer.



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

20. The city championship basketball game will be played at Bolin Gym. The gym has 6 sections that will seat 258 people in each section. It also has 4 sections that will seat 310 people in each. It is expected that 2,500 people will attend the game. Will the gym have seats for them all? Show how you got your answer.

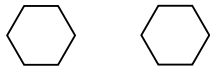
Answer: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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4. A pentagon [Unit Objective 6B] Maintains Standards
5. C line Y [Unit Objective 6C] Maintains Standards
6. D an angle [Unit Objective 6A] 3.01

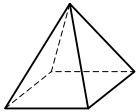
7. C



[Unit Objective 6B] Maintains Standards

8. C 60 [Unit Objective 6F] 1.06

9. A



[Unit Objective 6B] 3.01

10. D isosceles triangles [Unit Objective 6B] 3.01
11. A similar [Unit Objective 6C] 3.01
12. A flip [Unit Objective 6D] Extends Standards
13. C 10 feet [Unit Objective 6E] Extends Standards
14. D turn [Unit Objective 6D] Extends Standards
15. B the volume of a cylinder [Unit Objective 6B] Extends Standards
16. D 36 square units [Unit Objective 6F] Extends Standards
17. B parallel [Unit Objective 6A] Extends Standards
18. 36 units.  
Possible explanation: The wall is being built around the perimeter. To find the perimeter, find the sum of all the sides. [Unit Objective 6F] 1.06
19. No.  
Possible explanation: The area of the floor is  $8 \times 10 = 80$  square feet.  $75 < 80$ . [Unit Objective 6F] 1.06
20. C 8 cubic units [Unit Objective 6E] 2.02

## EOG Practice Test Unit 7

1. C  $\frac{1}{2}$  [Unit Objective 7C] 1.05b
2. B  $\frac{2}{8}$  and  $\frac{1}{4}$  [Unit Objective 7A] 1.05c
3. D  $1\frac{5}{6}$  [Unit Objective 7B] 1.05e
4. C  $\frac{2}{3}$  [Unit Objective 7A] 1.05a
5. B  $\frac{3}{4}$  [Unit Objective 7G] 1.05c
6. D  $\frac{1}{4}$  [Unit Objective 7A] 1.05c

7. B  $2\frac{1}{2}$  [Unit Objective 7B] 1.05e
8. D  $\frac{6}{7}$  [Unit Objective 7D] Extends Standards
9. C 2.3 1.7 1.2 0.9 [Unit Objective 7E] Extends Standards
10. A 5.89 [Unit Objective 7F] Extends Standards
11. D  $\frac{1}{8}$  [Unit Objective 7D] Extends Standards
12. A  $\frac{3}{10}$  [Unit Objective 7D] Extends Standards
13. A  $3.0 > 2.9$  [Unit Objective 7E] Extends Standards
14. B 2.63 inches [Unit Objective 7F] Extends Standards
15. B paint set [Unit Objective 7G] Extends Standards
16. A  $\frac{7}{9} - \frac{5}{9} = \frac{2}{9}$  [Unit Objective 7D] Extends Standards
17. D 2 gallons 1 quart [Unit Objective 7G] Extends Standards
18. C 0.8 [Unit Objective 7G] Extends Standards
19. 9. The decimal 0.5 is equal to the fraction  $\frac{1}{2}$ .  $\frac{1}{2}$  of 18 is 9. [Unit Objective 7E] Extends Standards
20. Yes. Possible explanation:  $\$3.50 + \$2.75 = \$6.25$ , the amount Yuji needs.  $\frac{1}{4}$  of  $\$16.00 = \$4.00$ . He gave away  $\$4.00 + \$4.00 = \$8.00$ , leaving him with  $\$8.00$ .  $\$8.00 > \$6.25$ . [Unit Objective 7G] Extends Standards

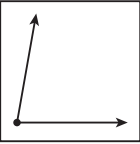

## EOG Practice Test Unit 8

1. C 160 [Unit Objective 8B] 1.03b
2. B 270 [Unit Objective 8A] 1.03a
3. C 5 [Unit Objective 8F] 1.06
4. B 801 [Unit Objective 8D] 1.03a
5. D 300 [Unit Objective 8B] 1.03b
6. C 600 miles [Unit Objective 8F] 1.03a
7. D 73 [Unit Objective 8C] Extends Standards
8. A \$0.39 [Unit Objective 8E] Extends Standards
9. B \$35.16 [Unit Objective 8D] Extends Standards
10. C 3,200 kilograms [Unit Objective 8A] Extends Standards
11. B 30 [Unit Objective 8B] Extends Standards
12. A 70 [Unit Objective 8C] Extends Standards

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


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  $15^\circ\text{C}$  you might see people going for a hike, flying a kite, or riding bicycles. At  $62^\circ\text{F}$  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

<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.