

 **Module Test** **A** **Module 3** 

Evaluate each of the following.

1. $59 - (-22)$

2. $-43 + 34$

3. $-98 \div 7$

4. $-25 \times (-8)$

5. $-324 \div |-18|$

6. $-37 + |-39|$

Write a negative or positive number that represents each statement.

7. A waitress is given a \$2 tip.

8. The Lions football team received a 10-yard penalty.

9. The road was 48 feet below the cliff.

Circle the correct answer for each problem.

10. Which set of numbers is in order from least to greatest?

a. -3, 0, -2, 1

b. -3, -2, 0, 1

c. 1, 0, -2, -3

d. 0, -3, -2, 1

11. Which set of numbers is in order from greatest to least?

a. -1, -4, 0, -2

b. -1, -4, -2, 0,

c. -2, 0, -4, -1

d. 0, -1, -2, -4

12. Which of the following has the greatest value?

a. $-|-15|$

b. -17

c. $-(-15)$ d. $|-17|$

13. Which of the following has the least value?

a. $|-3|$ b. $-(-2)$ c. $-|-4|$ d. $-|1|$

14. How many zero pairs have to be placed in the workspace to subtract negative five from negative four using counters?
a. 0 b. 1 c. 3 d. 4
15. Evaluate $|-25 - (-17)|$.
a. 8 b. 17 c. 25 d. 42
16. Evaluate $(-19) + 19 + (-15)$.
a. -19 b. -15 c. 15 d. 19
17. Name the integer which when added to negative seven will equal 16.
a. -23 b. -9 c. 9 d. 23
18. Evaluate $(-5)(-2)(-3) + 6$.
a. -36 b. -24 c. 24 d. 36
19. To add $5 + (-7)$ on a number line,
a. start at -7 and move right 5 units. b. start at -7 and move left 5 units. c. start at 5 and move right 7 units. d. start at 5 and move left 7 units.
20. Water is draining out of a pond at a rate of 15 gallons per hour. Currently, the pond has 300 gallons of water. How many gallons of water did the pond have three hours ago?
a. 255 gallons b. 285 gallons c. 315 gallons d. 345 gallons
21. Which has the greatest value?
a. $(-15)(5)$ b. $(-15) \div 5$ c. $-15 + 5$ d. $-15 - 5$
22. Which has the same value as $(-21) \times |-8|$?
a. $21 \times (-8)$ b. 21×8 c. $(-21) \times (-8)$ d. $|-21| \times |-8|$

NAME _____

DATE _____

Answer the questions in the space provided.

23. Find all possible pairs of integers that have a quotient of negative eight, and when the smaller integer is subtracted from the larger integer, the difference is 27.

24. A helipad for a helicopter is located on the ground at zero feet. A helicopter leaves the helipad and ascends 500 feet per minute for seven minutes and descends at a rate of 300 feet per minute for four minutes. Where is the helicopter after 11 minutes? Explain how you got your answer.

25. Explain how to subtract $3 - 5$ using counters.