

# Chapter 2 Test, Form 2A

Assessment

Write the letter for the correct answer in the blank at the right of each question.

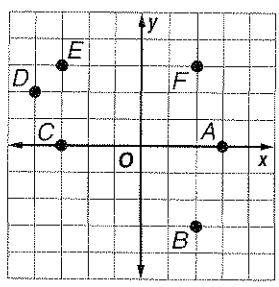
For Questions 1-3, evaluate each expression.

1.  $|-56|$   
 A. 56                      B. -56                      C. 560                      D. 65                      1. \_\_\_\_\_

2.  $|-25| + |36|$   
 A. 11                      B. 900                      C. 61                      D. -61                      2. \_\_\_\_\_

3.  $|98| - |-39|$   
 A. 59                      B. 137                      C. -59                      D. -137                      3. \_\_\_\_\_

4. Use the coordinate grid at the right to choose the point for the ordered pair (2, -3).



A. A                      B. B  
 C. D                      D. F                      4. \_\_\_\_\_

5. Use the coordinate grid at the right to choose the ordered pair for point C.

A. (0, -3)                      B. (-3, -3)  
 C. (-3, 0)                      D. (3, 0)                      5. \_\_\_\_\_

For Questions 6 and 7, choose the symbol to replace  $\otimes$  to make a true sentence.

6.  $-98 \otimes 89$   
 A. <                      B. =                      C. >                      D. +                      6. \_\_\_\_\_

7.  $-2 \otimes -18$   
 A. <                      B. =                      C. >                      D. +                      7. \_\_\_\_\_

8. Choose the set of numbers that is correctly ordered from least to greatest.  
 A. {0, 1, -4, 6}                      B. {6, -5, 4, 1}                      C. {-9, -7, 4, 7}                      D. {-4, -7, 4, 7}                      8. \_\_\_\_\_

Find each sum or difference.

9.  $-6 + (-9)$   
 A. 3                      B. -3                      C. 15                      D. -15                      9. \_\_\_\_\_

10.  $17 + (-8) + 12$   
 A. 37                      B. -21                      C. 21                      D. -3                      10. \_\_\_\_\_

11.  $17 - (-6)$   
 A. 11                      B. -11                      C. 23                      D. -23                      11. \_\_\_\_\_

12.  $-78 - 54$   
 A. -132                      B. 24                      C. 132                      D. -24                      12. \_\_\_\_\_

## 2

## Chapter 2 Test, Form 2A (continued)

Find each product or quotient.

13.  $-12 \cdot 5$   
 A. 60                      B. 7                      C. -60                      D. -7                      13. \_\_\_\_\_

14.  $-9(-7)(-2)$   
 A. -18                      B. -126                      C. 126                      D. 18                      14. \_\_\_\_\_

15.  $164 \div (-4)$   
 A. -41                      B. 41                      C. 160                      D. 168                      15. \_\_\_\_\_

16.  $24 \div (-6)$   
 A. 4                      B. 18                      C. -2                      D. -4                      16. \_\_\_\_\_

Evaluate each expression if  $a = 8$ ,  $b = -2$ , and  $c = -5$ .

17.  $c + b + a$   
 A. 15                      B. 1                      C. -15                      D. 5                      17. \_\_\_\_\_

18.  $b - a + c$   
 A. 1                      B. -11                      C. -5                      D. -15                      18. \_\_\_\_\_

19.  $(a \div b) + c$   
 A. -9                      B. -1                      C. 9                      D. 1                      19. \_\_\_\_\_

20.  $ab - c$   
 A. -11                      B. 11                      C. 21                      D. -21                      20. \_\_\_\_\_

Simplify each expression.

21.  $-3s(-4t)$   
 A.  $-12st$                       B.  $12st$                       C.  $-7st$                       D.  $7st$                       21. \_\_\_\_\_

22.  $6x(-5y)$   
 A.  $xy$                       B.  $-30xy$                       C.  $-11xy$                       D.  $6x - 5y$                       22. \_\_\_\_\_

For Questions 23 and 24, find the average (mean) of each set of data.

23. 20, -14, -4, 8, 17, 3  
 A. 10                      B. 6                      C. 11                      D. 5                      23. \_\_\_\_\_

24. 31, 46, 27, 30, 16  
 A. 27                      B. 30                      C. 37                      D. 40                      24. \_\_\_\_\_

25. Which equation has a graph that contains points that slant downward, left to right, and crosses the  $y$ -axis at  $y = -4$ .

A.  $x + y = -4$                       B.  $y - x = -4$                       C.  $y - x = 4$                       D.  $x + y = 4$                       25. \_\_\_\_\_

**Bonus** At 2 A.M. the temperature was  $64^\circ\text{F}$ . It went down  $6^\circ\text{F}$ , up  $11^\circ\text{F}$ , and then down  $7^\circ\text{F}$  before the final reading at 10 P.M. What was the temperature at 10 P.M.?

B: \_\_\_\_\_