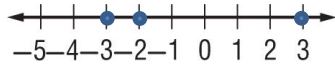


## Chapter 5 Test Study Guide

1. Which of the following statements is false?

- A.  $-3 < 8$       B.  $-7 < -4$       C.  $-9 > 0$       D.  $-2 > -7$

2. Which set of integers is graphed on the number line?



- F.  $\{1, -3, -5\}$       G.  $\{-5, -3, 0\}$       H.  $\{3, -3, -2\}$       I.  $\{-1, -5, -3\}$

3. Which expression has the greatest value?

- A.  $-|16|$       B.  $|-11|$       C.  $-|-72|$       D.  $|70|$

4. What is the value of the expression  $|-120| + |-6|$ ?

5. Which integer best represents 864 feet below sea level?

- A. 864      B.  $-863$       C.  $-|684|$       D.  $-|-864|$

6. What is the opposite of negative 64?

7. Which integer represents an increase of sixteen dollars?

- A.  $|-60|$       B.  $+60$       C.  $-16$       D.  $+16$

8. Which situation describes a positive integer?

- F. a height of 13 inches      H. a loss of \$35  
 G. a decrease of 5 points      I. 2 degrees below zero

9. Which of the following correctly identifies the quadrant where the point named by  $(-6, 15)$  is located?

- A. Quadrant I      C. Quadrant III  
 B. Quadrant II      D. Quadrant IV

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

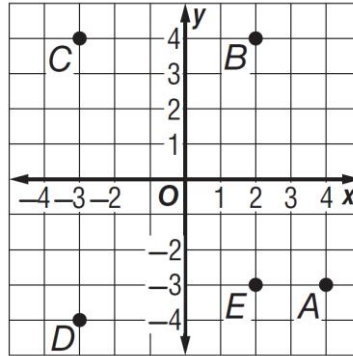
8. \_\_\_\_\_

9. \_\_\_\_\_

## Chapter 5 Test Study Guide *(continued)*

For Exercises 10 and 11, use the coordinate plane below.

10. Which point is the ordered pair  $(2, -3)$ ?
11. What ordered pair correctly names point A?
12. Which of the following correctly identifies the quadrant where the point named by  $(-5, -2)$  is located?
- F. Quadrant I                      H. Quadrant III  
 G. Quadrant II                    I. Quadrant IV



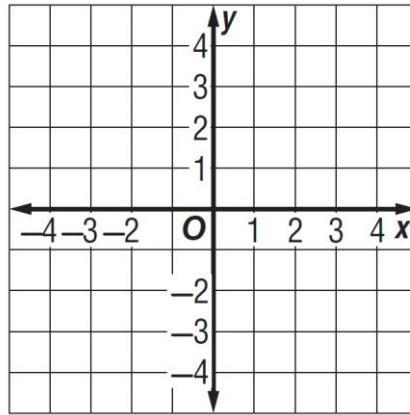
10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

Graph each point on a coordinate plane.

13.  $C(1, 0)$
14.  $A(-2, 3)$
15.  $R(-1, -4)$
16.  $Y(3, -3)$



Replace each  $\bullet$  with  $<$ ,  $>$ , or  $=$  to make a true sentence.

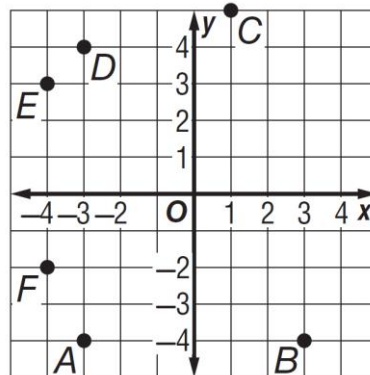
17.  $-10 \bullet -6$
18.  $3 \bullet -4$

17. \_\_\_\_\_

18. \_\_\_\_\_

For Exercises 19-21, use the coordinate plane below.

19. Write the ordered pair that names point C.
20. Write the ordered pair that names point F.
21. Write the ordered pair that represents the reflection of point E across the y-axis.



19. \_\_\_\_\_

20. \_\_\_\_\_

21. \_\_\_\_\_