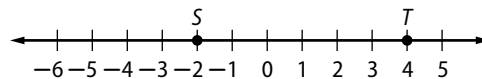# Test, Form 1A

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

1. Which integer represents 12°F below 0?
   **A.** −12      **B.** 12      **C.** |−12|      **D.** |12|

   1. _____**A**_____

2. What is the value of 5 − 16?
   **F.** −21      **G.** −11      **H.** 11      **J.** 21

   2. _____**G**_____

3. What is the value of |−7|?
   **A.** −7      **B.** 0      **C.** 1      **D.** 7

   3. _____**D**_____

4. Which integer represents point $S$ on the number line?

   

   **F.** −4            **H.** 2
   **G.** −2            **J.** 4

   4. _____**G**_____

**For Exercises 5–9, find the value of each expression.**

5. 6(−7)
   **A.** −42      **B.** −1      **C.** 13      **D.** 42

   5. _____**A**_____

6. −8 + (−7)
   **F.** −15      **G.** −1      **H.** 1      **J.** 15

   6. _____**F**_____

7. −35 + 12
   **A.** −47      **B.** −23      **C.** 23      **D.** 47

   7. _____**B**_____

8. −18 ÷ (−2)
   **F.** −9      **G.** −2      **H.** 2      **J.** 9

   8. _____**J**_____

9. (−3)(−3)
   **A.** −9      **B.** −6      **C.** 1      **D.** 9

   9. _____**D**_____

10. A whale dives towards deeper water at a rate of 6 feet per second. It continues for a total of 20 seconds. Which expression represents this situation?
    **F.** 20(−6)     **G.** 20 + (−6)    **H.** −20 ÷ 6     **J.** −20 − 6
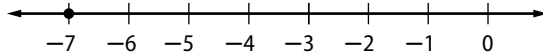
    10. _____**F**_____

# Test, Form 1A   *(continued)*

**11.** Lupe is 49 feet underground touring a cavern. She climbs 18 feet up a ladder. What is her new location?

**A.** −67 feet  **B.** −37 feet  **C.** −31 feet  **D.** −22 feet

11. ____**C**____

**12.** Which situation is best represented by the graph?



**F.** a temperature increase of 7°C

**G.** a savings of 7%

**H.** a loss of 7 yards
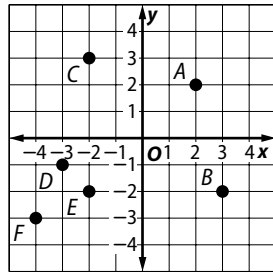
**J.** a deposit of $7

12. ____**H**____

**13.** Melissa has $36 in her purse. She pays $8 for lunch. Which expression represents this situation?

**A.** $36(-8)$  **B.** $36 + (-8)$  **C.** $-36 \div 8$  **D.** $-36 - 8$

13. ____**B**____

**14.** Which point is located at $(-4, -3)$?



**F.** *C*  **G.** *D*  **H.** *E*  **J.** *F*

14. ____**J**____

**15.** Which point(s) in the coordinate plane in Exercise 14 are located in Quadrant II?

**A.** *C*  **B.** *A*  **C.** *B*  **D.** *D, E, F*

15. ____**A**____

**16.** Aerial turned on her air conditioner and the temperature in her car decreased 11 degrees. Which integer represents this change in temperature?

**F.** −11  **G.** $|-11|$  **H.** 11  **J.** $|11|$

16. ____**F**____

**17.** What is the value of $\frac{-12}{a}$ if $a = -4$?

**A.** −3  **B.** −1  **C.** 3  **D.** 4

17. ____**C**____