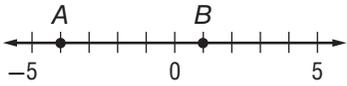


Test, Form 1B

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

1. Which integer represents 15°C below 0?
 A. |15| B. |-15| C. 15 D. -15 1. D
2. What is the value of |-6|?
 F. -6 G. 0 H. $\frac{1}{6}$ I. 6 2. I
3. What is the value of |5|?
 A. 5 B. $\frac{1}{5}$ C. 0 D. -5 3. A
4. Which integers represent A and B on the number line?



 F. A, -1; B, 4 G. A, 4; B, -1 H. A, 1; B, -4 I. A, -4; B, 1 4. I
5. What is the value of 5 - 17?
 A. 22 B. 12 C. -12 D. -22 5. C
6. A submarine dives 10 feet per minute for 12 minutes. Which expression represents this situation?
 F. 12(10) G. 12(-10) H. 12 ÷ 10 I. 12 ÷ (-10) 6. G
7. Sandra has \$32 in her purse. She pays \$15 for a CD. Which expression represents this situation?
 A. 32 + 15 B. -32 + 15 C. -32 + (-15) D. 32 + (-15) 7. D
8. Patrick turned on his air conditioning and the temperature in his apartment decreased 4 degrees. Write an integer to represent the change in temperature.
 F. -4° G. -2° H. 2° I. 4° 8. F
9. Chi is 38 feet underground touring a cavern. He goes down a ladder 7 feet. What is his new location?
 A. -45 feet B. -38 feet C. -31 feet D. -7 feet 9. A
10. The highest point in a state park is 145 feet above sea level. The lowest point is 28 feet below sea level. What is the difference in elevations?
 F. 117 feet G. 28 feet H. 145 feet I. 173 feet 10. I

Test, Form 1B (continued)

SCORE _____

11. An archaeologist descends 30 feet into a tomb, then climbs up 18 feet. Which value represents his final position?

- A. -48 ft B. -12 ft C. 12 ft D. 48 ft

11. **B**

What is the value of each expression?

12. $10 + (-8)$

- F. -18 G. -2 H. 2 I. 18

12. **H**

13. $-8(-4)$

- A. 32 B. 12 C. -12 D. -32

13. **A**

14. $24 \div (-6)$

- F. 18 G. 4 H. -4 I. -30

14. **H**

15. $19 - 11$

- A. 30 B. 8 C. -8 D. -30

15. **B**

16. $(-4)2$

- F. 16 G. 8 H. -8 I. -16

16. **H**

What is the value of each expression if $m = -3$, $n = 8$, and $p = -1$?

17. np

- A. -9 B. -8 C. 7 D. 8

17. **B**

18. $9 - m$

- F. -27 G. -6 H. 6 I. 12

18. **I**

19. $-12 + n$

- A. 20 B. 4 C. -4 D. -20

19. **C**

20. $\frac{-18}{m}$

- F. 6 G. -6 H. -15 I. -21

20. **F**