

Test, Form 2A

SCORE _____

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

1. Which integer represents a 5-yard loss?

A. $|5|$ B. $|-5|$ C. 5 D. -5

1. _____

2. What is the value of $|-7|$?

F. 7 G. $-|-7|$ H. 14 I. -7

2. _____

3. What is the value of $|5| + |-2|$?

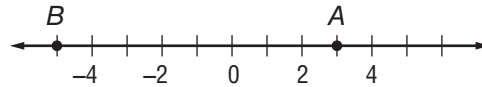
A. -7 B. -3 C. 3 D. 7

3. _____

4. Which integers represent A and B on the number line?

F. $A, -3; B, -5$ H. $A, 3; B, -5$

G. $A, -3; B, 5$ I. $A, -5; B, 3$



4. _____

5. Which value of q makes $-15 - (-9) = q$ a true sentence?

A. -24 B. -6 C. 6 D. 24

5. _____

6. A snake dives towards deeper water at a rate of 14 inches per second. If the snake continues at this rate for a total of 6 seconds, which expression represents this situation?

F. $6(-14)$ G. $-6(-14)$ H. $6 \div 14$ I. $6 \div (-14)$

6. _____

7. Ishi has \$24 in his wallet. He pays \$8 to have his car washed. Which expression represents this situation?

A. $-24 + (-8)$ B. $-24 + 8$ C. $24 + (-8)$ D. $24 + 8$

7. _____

8. The highest point in Louisiana is Driskill Mountain at 585 feet. The lowest point is -8 feet in New Orleans. What is the difference in feet between the highest and lowest elevation points?

F. 578 feet G. 593 feet H. 601 feet I. 609 feet

8. _____

9. The average daytime temperature on Venus is 870°F . The average temperature on Jupiter is -160°F . What is the difference between the average temperatures on Venus and Jupiter?

A. 710°F B. 730°F C. $1,030^{\circ}\text{F}$ D. $1,050^{\circ}\text{F}$

9. _____

Test, Form 2A (continued)

10. An archaeologist descends 22 feet into a canyon, then climbs up 15 feet. What is his final position?
- F. -37 ft G. -15 ft H. -7 ft I. 7 ft 10. _____

What is the value of each expression?

11. $12 + (-5)$
A. -17 B. -7 C. 7 D. 17 11. _____
12. $-8(-10)$
F. -80 G. -18 H. 18 I. 80 12. _____
13. $\frac{-48}{-24}$
A. 2 B. 0.5 C. -2 D. -24 13. _____
14. $-37 - 8$
F. -45 G. -29 H. 45 I. 296 14. _____
15. $7(-3)$
A. 21 B. 4 C. $-2\frac{1}{3}$ D. -21 15. _____

Evaluate each expression if $x = -3$, $y = 8$, and $z = -4$.

16. $y - (-5)$ 16. _____
17. xz 17. _____
18. $-8 \div y$ 18. _____
19. $x + 11$ 19. _____
20. yz 20. _____
21. $x + y + z$ 21. _____
22. $7y$ 22. _____
23. $3z$ 23. _____
24. Graph the set of integers $\{-2, 1, -4\}$ on the number line. 24. 