

Chapter – 10 | The Other Side of Zero

QUIZ-01

1. Which of the following numbers is neither positive nor negative?

- A. -1
B. 1
C. 0
D. -10 (C)

Explanation: Zero is neither positive nor negative.

2. Which number lies to the left of 0 on the number line?

- A. 4
B. -3
C. 2
D. 1 (B)

Explanation: All negative numbers lie to the left of zero on the number line.

3. Which of the following represents a negative integer?

- A. +6
B. 0
C. -4
D. 9 (C)

Explanation: Negative integers are written with a minus sign.

4. If you start at Floor +2 and move down 5 floors, where will you reach?

- A. -7
B. -3
C. +7
D. +3 (B)

Explanation: $(+2) + (-5) = -3$.

5. Which of the following is the additive inverse of -8?

- A. -8
B. 0
C. +8
D. +16 (C)

Explanation: The additive inverse of a number gives zero when added to it.

6. Which comparison is correct?

- A. $-6 > -2$
B. $-4 < -7$
C. $-3 > -5$
D. $-1 < -8$ (C)

Explanation: Among negative numbers, the number closer to zero is greater.

7. What is the value of $(-4) + (+6)$?

- A. -10
B. -2
C. +2
D. +10 (C)

Explanation: Adding a positive and a negative number gives the difference with the sign of the greater number.

8. What is the value of $(+9) - (+12)$?

- A. +3
B. -3
C. -21
D. +21 (B)

Explanation: Subtracting a larger positive number from a smaller one gives a negative result.

9. Which situation can best be represented by a negative integer?

- A. Deposit of money
B. Height above sea level
C. Temperature above 0°C
D. Depth below sea level (D)

Explanation: Quantities below a reference level are represented by negative integers.

10. Which of the following statements is always true?

- A. All integers are negative
B. All negative numbers are smaller than zero
C. Zero is the largest integer
D. All positive numbers are less than zero (B)

Explanation: Negative numbers always lie to the left of zero on the number line.