

CHAPTER-10 | The Other Side of Zero

QUIZ
PART-17

1. Which type of number is -5?

- A. Natural number
- B. Negative integer
- C. Fraction
- D. Whole number (B)

Explanation: -5 is less than 0, so it is a negative integer.

2. Which number is neither positive nor negative?

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

Explanation: Zero is the number between positive and negative numbers.

3. In a number line, numbers to the left of 0 are usually

- A. Positive
- B. Negative
- C. Even only
- D. Odd only (B)

Explanation: Negative numbers are placed to the left of zero on the number line.

4. What is the border sum of the second grid?

- A. -6
- B. -4
- C. -2
- D. 0 (A)

Explanation: Add the border numbers: $5 + (-3) + (-5) + 0 + (-5) + (-8) + (-2) + 7 = -11 + 5 = -6$.

5. Which of these is a positive integer?

- A. -8
- B. -2
- C. 0
- D. 7 (D)

Explanation: 7 is greater than 0, so it is a positive integer.

6. Which pair shows opposite integers?

- A. 5 and 5
- B. -3 and -3
- C. 4 and -4
- D. 0 and 1 (C)

Explanation: Opposite integers are at the same distance from 0 on opposite sides.

7. What is $5 + (-5)$?

- A. -10
- B. 10
- C. 0
- D. 5 (C)

Explanation: A number and its opposite cancel each other and give 0.

8. Which number has the greatest value?

- A. -8
- B. -3
- C. 0
- D. -1 (C)

Explanation: Zero is greater than all negative integers.

9. In the first hollow integer grid, which number is at the center?

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

Explanation: The first grid shows 1 in the middle position.

10. Border sum means the sum of

- A. only the middle number
- B. only the top row
- C. the numbers on the outer boundary
- D. all numbers including the center (C)

Explanation: Border sum is found by adding only the numbers on the outside edge of the grid.