

## CHAPTER-10 | The Other Side of Zero

QUIZ  
PART-09

1. On a number line, negative numbers are on the

- A. right of 0
- B. left of 0
- C. above 0
- D. below 0 (B)

**Explanation:** Negative numbers are placed to the left of 0 on the number line.

2. On a number line, positive numbers are on the

- A. left of 0
- B. right of 0
- C. below 0
- D. centre only (B)

**Explanation:** Positive numbers are placed to the right of 0.

3. Which number is at the centre of the number line shown?

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

**Explanation:** The number line shown runs through 0 in the middle.

4. Which statement is true?

- A.  $2 < -3$
- B.  $-2 > 3$
- C.  $2 > -3$
- D.  $-3 > 2$  (C)

**Explanation:** Any positive number is greater than any negative number, so  $2 > -3$ .

5. Which statement is true?

- A.  $-2 < 3$
- B.  $-2 > 3$
- C.  $3 < -2$
- D.  $-2 = 3$  (A)

**Explanation:** A negative number is always less than a positive number, so  $-2 < 3$ .

6.  $(-5)+0(-5) + 0(-5)+0$  equals

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

**Explanation:** Adding 0 does not change the number, so the answer is -5.

7.  $7+(-7)7 + (-7)7+(-7)$  equals

- A. 14
- B. 0
- C. -14
- D. 7 (B)

**Explanation:** A number and its opposite add to 0.

8.  $(-10)+20(-10) + 20(-10)+20$  equals

- A. -30
- B. -10
- C. 10
- D. 30 (C)

**Explanation:** Starting from -10 and moving 20 steps right gives 10.

9.  $10-2010 - 2010-20$  equals

- A. 10
- B. -10
- C. 20
- D. -20 (B)

**Explanation:** From 10, moving 20 steps left gives -10.

10.  $(-8)-(-10)(-8) - (-10)(-8)-(-10)$  equals

- A. -18
- B. 18
- C. -2
- D. 2 (D)

**Explanation:** Subtracting a negative means adding, so  $-8 + 10 = 2$ .