

## CHAPTER-10 | The Other Side of Zero

QUIZ  
PART-04

1. What should Basant press to cancel +3 and stay on ground floor?

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

**Explanation:** The additive inverse of +3 is -3, so  $+3 + (-3) = 0$ .

2. What is the additive inverse of -5?

- A. -5  
B. 0  
C. +5  
D. +4 (C)

**Explanation:** A number and its additive inverse add up to 0. So -5 and +5 are inverses.

3. What is the additive inverse of +4?

- A. -4  
B. +4  
C. 0  
D. -3 (A)

**Explanation:**  $+4 + (-4) = 0$ , so -4 is the additive inverse of +4.

4. What is the additive inverse of 0?

- A. +1  
B. -1  
C. 0  
D. +2 (C)

**Explanation:**  $0 + 0 = 0$ , so the additive inverse of 0 is 0.

5. Which pair are additive inverses?

- A. +5 and +5  
B. -7 and +7  
C. -8 and -8  
D. +9 and +8 (B)

**Explanation:** Additive inverses are equal in value but opposite in sign, and their sum is 0.

6. Jay is in the Art Centre. Which floor is he on?

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

**Explanation:** The page directly states that Jay in the Art Centre is on floor +2.

7. Aman is in the Toys Store. Which floor is he on?

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

**Explanation:** The Toys Store is one floor below the ground floor, so it is at -1.

8. Binnu is in the Cinema Centre. Which floor is she on?

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

**Explanation:** The cinema is three floors below the ground floor, so it is at -3.

9. Which number is bigger?

- A. -10  
B. -5  
C. Both are equal  
D. 0 (B)

**Explanation:** Among negative numbers, the number closer to 0 is bigger. So -5 is bigger than -10.

10. Which number is smaller?

- A. 0  
B. -1  
C. Both are equal  
D. +1 (B)

**Explanation:** -1 is less than 0, so -1 is the smaller number.