

## CHAPTER-10 | The Other Side of Zero

QUIZ  
PART-02

1. You start from floor +2 and press -3. Where do you reach?

- A. -1  
B. +5  
C. +1  
D. -5 (A)

*Explanation:*  $+2 + (-3) = -1$ , so you reach floor -1.

2. What is the correct expression for starting at +2 and moving -3?

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

*Explanation:* Starting floor is +2 and movement is -3, so expression is  $(+2) + (-3)$ .

3. Evaluate:  $(+1) + (+4)$

- A. +3  
B. +4  
C. +5  
D. -5 (C)

*Explanation:* Moving 4 steps up from +1 gives +5.

4. Evaluate:  $(+4) + (+1)$

- A. +5  
B. +3  
C. -5  
D. +4 (A)

*Explanation:*  $+4 + 1 = +5$ .

5. Evaluate:  $(+4) + (-3)$

- A. -1  
B. +1  
C. +7  
D. -7 (B)

*Explanation:* From +4, moving down 3 gives +1.

6. Evaluate:  $(-1) + (+2)$

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

*Explanation:* From -1, moving up 2 gives +1.

7. Evaluate:  $(-1) + (+1)$

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

*Explanation:*  $-1 + 1 = 0$ .

8. Evaluate:  $0 + (+2)$

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

*Explanation:* From 0, moving up 2 gives +2.

9. Evaluate:  $0 + (-2)$

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

*Explanation:* From 0, moving down 2 gives -2.

10. To reach floor -5 from floor +2, what movement is needed?

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

*Explanation:*  $+2 + (-7) = -5$ .