

## CHAPTER-10 | The Other Side of Zero

QUIZ  
PART-03

1. Gurmit presses +2 and then -3 from the Toy Store.

Where does he reach relative to the Toy Store?

- A. 1 floor below  
B. 1 floor above  
C. 2 floors below  
D. 3 floors above (A)

**Explanation:** +2 and then -3 gives -1. So he reaches 1 floor below the Toy Store.

2. What is the net movement of pressing +2 and then -3?

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

**Explanation:** Two up and three down gives a total movement of -1.

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

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

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

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

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

**Explanation:** Starting at +4 and moving up 1 gives +5.

5. Evaluate: (+4) + (-3) + (-2)

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

**Explanation:** +4 - 3 = +1, and +1 - 2 = -1.

6. Evaluate: (-1) + (+2) + (-3)

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

**Explanation:** -1 + 2 = +1, and +1 - 3 = -2.

7. Which expression shows 1 floor below as the final result?

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

**Explanation:** (+4) + (-3) + (-2) = -1, which means 1 floor below.

8. Which expression gives the greatest final value?

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

**Explanation:** A = +5 and B = +5. Both are the greatest.

9. Which expression has a negative final answer?

- A. (+1) + (+4)  
B. (+4) + (+1)  
C. (-1) + (+2) + (-3)  
D. Both C and the expression (+4) + (-3) + (-2) (D)

**Explanation:** (-1) + (+2) + (-3) = -2 and (+4) + (-3) + (-2) = -1. Both are negative.

10. If the final movement is -2, which expression is correct?

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

**Explanation:** (-1) + (+2) + (-3) = -2.