

CHAPTER-10 | The Other Side of Zero

QUIZ
PART-24

1. In Bela's Building, moving up floors represents
- positive movement
 - negative movement
 - zero only
 - subtraction only

Explanation: In the building model, going upward shows positive numbers or positive change.

2. What is the result of adding two positive numbers?
- Negative
 - Positive
 - Zero
 - Not fixed

Explanation: The sum of two positive numbers is always positive.

3. What is the result of adding two negative numbers?
- Positive
 - Zero
 - Negative
 - not fixed

Explanation: Add their values and keep the minus sign, so the result is negative.

4. What is $3 + (-5)$?
- 2
 - 2
 - 8
 - 8

Explanation: -Subtract 3 from 5 and keep the sign of the greater absolute value, which is negative.

5. What is $-3 - 2$?
- 5
 - 5
 - 1
 - 1

Explanation: Subtracting a positive from a negative makes it more negative: $-3 - 2 = -5$.

6. What is $3 - (-2)$?
- 1
 - 1
 - 5
 - 5

Explanation: Subtracting a negative is the same as adding the positive: $3 + 2 = 5$.

7. What is $-3 - (-2)$?
- 5
 - 1
 - 1
 - 5

Explanation: Subtracting a negative means adding the positive: $-3 + 2 = -1$.

8. Which statement is correct for a positive number plus a negative number?
- Always positive
 - Always negative
 - Always zero
 - Depends on their absolute values

Explanation: Compare the sizes without signs. The bigger absolute value decides the sign of the answer.

9. Which of these is a correct example of adding two negative numbers?
- $-7 + (-4) = -11$
 - $-7 + (-4) = 11$
 - $-7 + (-4) = -3$
 - $-7 + (-4) = 3$

Explanation: Add 7 and 4 to get 11, then keep the negative sign.

10. Which of these is a correct example of subtracting a negative number from a positive number?
- $4 - (-3) = 1$
 - $4 - (-3) = -7$
 - $4 - (-3) = 7$
 - $4 - (-3) = -1$

Explanation: Subtracting a negative becomes addition: $4 + 3 = 7$.