

CHAPTER-2 | ARITHMETIC EXPRESSIONS

QUIZ
PART-11

1. What is the value of $53+(-16)$?

- A. 37
- B. 69
- C. -37
- D. -69 (A)

Explanation: Adding -16 means subtracting 16 from 53, so the result is 37.

2. What is the value of $54+(-16)$?

- A. 36
- B. 37
- C. 38
- D. 39 (C)

Explanation: 54 is one more than 53, so the sum is also one more than 37.

3. What is the value of $53+(-15)$?

- A. 36
- B. 37
- C. 38
- D. 39 (C)

Explanation: -15 is one more than 16, so the total becomes one more than 37.

4. What is the value of $52 + (-16)$?

- A. 35
- B. 36
- C. 37
- D. 38 (B)

Explanation: 52 is one less than 53, so the sum is one less than 37.

5. What is the value of $53 + (-17)$?

- A. 35
- B. 36
- C. 37
- D. 38 (B)

Explanation: -17 is one less than 16, so the total is one less than 37.

6. What is the value of $(-87)+(-16)$?

- A. -103
- B. -101
- C. 103
- D. 71 (A)

Explanation: When two negative numbers are added, add their magnitudes and keep the negative sign: $87+16=103$.

7. What is the value of $(-88)+(-15)$?

- A. -101
- B. -103
- C. 103
- D. -73 (B)

Explanation: Add 88 and 15 to get 103, then keep the negative sign.

8. What is the value of $(-86)+(-18)$?

- A. -104
- B. -96
- C. 104
- D. -68 (A)

Explanation: Both terms are negative, so the result is negative. $86 + 18 = 104$.

9. What is the value of $(-23)+(-5)$?

- A. -18
- B. -28
- C. 28
- D. -27 (B)

Explanation: Add the magnitudes $23+5=28$ and keep the negative sign.

10. What is the value of $(-23)+(-6)$?

- A. -17
- B. -28
- C. -29
- D. 29 (C)

Explanation: Adding another negative decreases the value more. $23+6=29$, so the result is -29.