

CHAPTER-2 | ARITHMETIC EXPRESSIONS

QUIZ
PART-01

1. Which of the following is an arithmetic expression?

- A. $13 + 2$
- B. 13 apples
- C. equal to 13
- D. more than 2 (A)

Explanation: An arithmetic expression uses numbers and operations like $+$, $-$, \times , or \div .

2. Total students in Class A if there are 20 girls and 25 boys:

- A. $20 - 25$
- B. $20 + 25$
- C. $25 \div 20$
- D. 20×25 (B)

Explanation: Total means we add the number of girls and boys.

3. Value of $20 + 25$ is:

- A. 35
- B. 40
- C. 45
- D. 50 (C)

Explanation: $20 + 25 = 45$.

4. If one chocolate costs ₹10 and Praveen has 10 chocolates, the total cost is:

- A. $10 + 10$
- B. 10×10
- C. $10 - 10$
- D. $10 \div 10$ (B)

Explanation: Repeated equal addition is written as multiplication.

5. Mallika spends ₹25 each day from Monday to Friday. The correct expression is:

- A. $25 + 5$
- B. 25×5
- C. $25 - 5$
- D. $25 \div 5$ (B)

Explanation: Monday to Friday means 5 days, so total cost is 25×5 .

6. Which sign makes this true: $10 + 2 ___ 7 + 1$

- A. =
- B. <
- C. >
- D. \div (C)

Explanation: $10 + 2 = 12$ and $7 + 1 = 8$, and 12 is greater than 8.

7. Fill in the blank: $13 + 4 = ___ + 6$

- A. 9
- B. 10
- C. 11
- D. 12 (C)

Explanation: $13 + 4 = 17$, so the missing number must make $___ + 6 = 17$. Therefore, it is 11.

8. Fill in the blank: $22 + ___ = 6 \times 5$

- A. 6
- B. 7
- C. 8
- D. 9 (C)

Explanation: $6 \times 5 = 30$, and $30 - 22 = 8$.

9. Fill in the blank: $8 \times ___ = 64 \div 2$

- A. 2
- B. 3
- C. 4
- D. 5 (C)

Explanation: $64 \div 2 = 32$, and $8 \times 4 = 32$.

10. Which expression has the smallest value?

- A. $67 - 19$
- B. $67 - 20$
- C. $35 + 25$
- D. 5×11 (B)

Explanation: Their values are 48, 47, 60, and 55. The smallest is 47.