

## CHAPTER-2 | ARITHMETIC EXPRESSIONS

QUIZ  
PART-09

1. Value of  $89 + 21 - 10$  is:

- A. 90  
B. 100  
C. 110  
D. 120 (B)

**Explanation:** First add 89 and 21 to get 110, then subtract 10 to get 100.

2. Which story matches  $89 + 21 - 10$ ?

- A. 89 books sold, 21 lost, 10 bought  
B. 89 notebooks, 21 added, 10 sold  
C. 89 pens, 21 divided, 10 added  
D. 89 toys, 21 groups, 10 left (B)

**Explanation:** This expression shows starting amount, then addition, then subtraction.

3. Value of  $5 \times 12 - 6$  is:

- A. 54  
B. 56  
C. 60  
D. 66 (A)

**Explanation:** First multiply  $5 \times 12 = 60$ , then subtract 6 to get 54.

4. In  $5 \times 12 - 6$ , which operation is done first?

- A. Addition  
B. Subtraction  
C. Multiplication  
D. Division (C)

**Explanation:** Multiplication is done before subtraction.

5. Value of  $4 \times 9 + 2 \times 6$  is:

- A. 46  
B. 48  
C. 50  
D. 52 (B)

**Explanation:**  $4 \times 9 = 36$  and  $2 \times 6 = 12$ . Then  $36 + 12 = 48$ .

6. Which expression shows the total coins with Elsa and Anna together?

- A.  $100 + 100$   
B.  $2 \times 100 + 100 \div 2$   
C.  $100 \times 2 + 100 \times 2$   
D.  $100 \div 2 + 100 \div 2$  (B)

**Explanation:** Elsa doubles 100 to make 200, and Anna has half of 100, which is 50. Total =  $200 + 50$ .

7. Total coins with Elsa and Anna together are:

- A. 150  
B. 200  
C. 250  
D. 300 (C)

**Explanation:** Elsa has 200 coins and Anna has 50 coins. Together they have 250 coins.

8. Metro ticket cost for 4 adults and 3 children is:

- A. ₹180  
B. ₹200  
C. ₹220  
D. ₹240 (C)

**Explanation:** 4 adults cost  $4 \times 40 = 160$  and 3 children cost  $3 \times 20 = 60$ . Total = 220.

9. Metro ticket cost for two groups having three adults each is:

- A. ₹200  
B. ₹220  
C. ₹240  
D. ₹260 (C)

**Explanation:** Two groups of three adults mean 6 adults. Cost =  $6 \times 40 = 240$ .

10. From the window picture, the measurements are:

border = 3 cm, grill = 2 cm, gap = 5 cm. Which expression correctly represents the height of one border + one grill + one gap?

- A.  $3 \times 2 \times 5$   
B.  $3 + 2 + 5$   
C.  $3 + 2 \times 5$   
D.  $3 \times (2 + 5)$  (B)

**Explanation:** Total height of these three parts is found by adding their lengths:  $3 + 2 + 5 = 10$  cm.