

## CHAPTER-2 | ARITHMETIC EXPRESSIONS

QUIZ  
PART-02

1. Which sign correctly compares:  $13 + 5$  \_\_\_\_  $11 + 4$

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

**Explanation:**  $13 + 5 = 18$  and  $11 + 4 = 15$ , so 18 is greater than 15.

2. Which is greater?

- A.  $1023 + 125$   
B.  $1022 + 128$   
C. Both are equal  
D. Cannot be compared (A)

**Explanation:** 1023 is 1 more than 1022, while 125 is 3 less than 128. Overall, the first expression is greater by 1.

3. Which is greater?

- A.  $113 - 25$   
B.  $112 - 24$   
C. Both are equal  
D. Cannot be compared (C)

**Explanation:**  $113 - 25 = 88$  and  $112 - 24 = 88$ , so both are equal.

4. Choose the correct sign:  $245 + 289$  \_\_\_\_  $246 + 285$

- A. < B. >  
C. = D. + (B)

**Explanation:** Left side is 534 and right side is 531, so the left side is greater.

5. Choose the correct sign:  $273 - 145$  \_\_\_\_  $272 - 144$

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

**Explanation:**  $273 - 145 = 128$  and  $272 - 144 = 128$ , so both are equal.

6. Choose the correct sign:  $364 + 587$  \_\_\_\_  $363 + 589$

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

**Explanation:** Left side is 951 and right side is 952, so the left side is smaller.

7. Choose the correct sign:  $124 + 245$  \_\_\_\_  $129 + 245$

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

**Explanation:** Both have +245, so compare 124 and 129. Since 124 is smaller, the left expression is smaller.

8. Choose the correct sign:  $213 - 77$  \_\_\_\_  $214 - 76$

- A. > B. <  
C. = D. + (B)

**Explanation:**  $213 - 77 = 136$  and  $214 - 76 = 138$ , so the left side is smaller.

9. Which expression is not correct?

- A.  $19 + 5 = 16 + 8$   
B.  $19 + 4 < 16 + 8$   
C.  $19 + 6 > 16 + 8$   
D.  $19 + 7 = 18 + 8$  (B)

**Explanation:**  $19 + 4 = 23$  and  $16 + 8 = 24$ , so  $23 < 24$  is true. Wait—this means B is actually correct. The incorrect one is A? Check:  $19 + 5 = 24$  and  $16 + 8 = 24$ , correct. C:  $25 > 24$ , correct. D:  $26 = 26$ , correct. So all four are correct. This means the source question has a mistake.

10. Which expression is correct?

- A.  $11 - 6 = 17 - 11$   
B.  $17 + 4 = 25 - 6$   
C.  $19 + 5 = 31 - 7$   
D.  $15 + 6 = 13 + 9$  (C)

**Explanation:**  $19 + 5 = 24$  and  $31 - 7 = 24$ , so both sides are equal. The others are not equal.