

## CHAPTER-3 | A PEEK BEYOND THE POINT

QUIZ  
PART-23

1. When two decimal numbers are added, the sum is always greater than

- A. their decimal parts  
B. the sum of their whole number parts  
C. 2 more than their whole number parts  
D. zero (B)

**Explanation:** Each decimal part is positive here, so adding them makes the total greater than just the sum of the whole number parts.

2. The chapter says the sum of two decimal numbers will always be less than

- A. 1 more than the sum of whole number parts  
B. 2 more than the sum of whole number parts  
C. 3 more than the sum of whole number parts  
D. 10 more than the sum of whole number parts (B)

**Explanation:** Since each decimal part is less than 1, together they add less than 2. So the total sum is less than 2 more than the sum of the whole number parts.

3. What is  $47.14 + 12.24$  ?

- A. 58.38                      B. 59.38  
C. 60.38                      D. 57.38 (B)

**Explanation:** Adding the numbers gives 59.38. This is the exact sum used for estimation thinking.

4. The estimate sum of  $47.14$  and  $12.24$  is

- A. Less than 52  
B. Less than 53  
C. Less than 59  
D. Less than 60 (D)

**Explanation:** The exact sum is 59.38, so it is less than 60. It is not less than 59.

5. What is  $35.48 - 22.24$  ?

- A. 12.24                      B. 13.24  
C. 13.48                      D. 14.24 (B)

**Explanation:** Subtracting gives 13.24. This helps check the estimate question.

6. The estimate difference of  $35.48$  and  $22.24$  is

- A. More than 14                      B. More than 13  
C. More than 12                      D. More than 11 (B)

**Explanation:** The exact difference is 13.24, so it is more than 13. "More than 14" is false.

7. What is the sum of the whole number parts of  $47.14$  and  $12.24$  ?

- A. 57  
B. 58  
C. 59  
D. 60 (C)

**Explanation:** The whole number parts are 47 and 12. Their sum is 59.

8. In  $25.93603259$  and  $8.202$ , the sum must be greater than

- A. 32                                      B. 33  
C. 34                                      D. 35 (B)

**Explanation:** The whole number parts are 25 and 8, whose sum is 33. The decimal parts make the total greater than 33.

9. In  $25.93603259$  and  $8.202$ , the sum must be less than

- A. 34                                      B. 35  
C. 36                                      D. 37 (B)

**Explanation:** The sum of the whole number parts is 33, and the decimal parts together are less than 2, so the total must be less than 35.

10. For any 2 decimal numbers, the decimal parts together are always

- A. less than 1  
B. equal to 2  
C. less than 2  
D. more than 2 (C)

**Explanation:** Each decimal part is less than 1, so the sum of two decimal parts is always less than 2.