

## CHAPTER-3 | A PEEK BEYOND THE POINT

QUIZ  
PART-19

1. Which number is closest to 1?

- A. 0.9  
 B. 1.1  
 C. 1.01  
 D. 1.11 (C)

**Explanation:** 1.01 is only 0.01 away from 1, so it is the closest.

2. Which number is farthest from 1?

- A. 0.9  
 B. 1.1  
 C. 1.01  
 D. 1.11 (D)

**Explanation:** 1.11 is 0.11 away from 1, which is more than the distance of the others.

3. Which of these is closest to 1.09?

- A. 0.9  
 B. 1.1  
 C. 1.01  
 D. 1.11 (B)

**Explanation:**  $1.1 = 1.10$ , and it is only 0.01 away from 1.09.

4. Which among these is closest to 4?

- A. 3.56  
 B. 3.65  
 C. 3.099  
 D. All are equally close (B)

**Explanation:**  $4 - 3.65 = 0.35$ , which is less than the distances from 3.56 and 3.099 to 4.

5. Which among these is farthest from 4?

- A. 3.56  
 B. 3.65  
 C. 3.099  
 D. None of these (C)

**Explanation:**  $4 - 3.099 = 0.901$ , which is the greatest distance here.

6. Which among these is closest to 1?

- A. 0.8  
 B. 0.69  
 C. 1.08  
 D. 0.5 (C)

**Explanation:** 1.08 is 0.08 away from 1, which is less than the distance of 0.8 and 0.69.

7. Which among these is farthest from 1?

- A. 0.8  
 B. 0.69  
 C. 1.08  
 D. 0.99 (B)

**Explanation:** 0.69 is 0.31 away from 1, which is larger than the others.

8. To find the closest decimal, we compare the

- A. colour of digits  
 B. distance from the target number  
 C. number of digits only  
 D. decimal point only (B)

**Explanation:** A number is closest when its distance from the given number is the smallest. This is the main idea of the chapter examples.

9. Which statement is correct?

- A. A bigger decimal is always closer  
 B. A smaller decimal is always closer  
 C. The decimal with the least difference is closer  
 D. The decimal with more digits is closer (C)

**Explanation:** Closeness depends on difference, not just on being bigger, smaller, or longer.

10. In the activity using digits 4, 1, 8, 2, and 5, the goal is to make a decimal number closest to

- A. 2.5  
 B. 25  
 C. 52  
 D. 5.25 (B)

**Explanation:** The chapter clearly says to use the digits exactly once to make a decimal number as close as possible to 25.