

## CHAPTER-3 | A PEEK BEYOND THE POINT

QUIZ  
PART-05

1. What is the first step in solving a number pattern?

- A. Add randomly
- B. Identify the rule or change
- C. Multiply all numbers
- D. Ignore the sequence (B)

**Explanation:** To solve a pattern, we first identify how each term changes from the previous one.

2. In a pattern of tenths, we first identify the

- A. colour
- B. shape
- C. change between terms
- D. denominator only (C)

**Explanation:** The chapter says to observe the sequence, identify the change after each term, and extend the pattern.

3. Which number comes next after  $2\frac{7}{10}$ ,  $2\frac{8}{10}$ ,  $2\frac{9}{10}$ ?

- A.  $2\frac{10}{10}$
- B.  $3\frac{1}{10}$
- C.  $2\frac{6}{10}$
- D.  $1\frac{10}{10}$  (A)

**Explanation:** The pattern increases by  $\frac{1}{10}$  each time, so the next term is  $2\frac{10}{10}$ .

4. In the sequence  $2\frac{7}{10}$ ,  $2\frac{8}{10}$ ,  $2\frac{9}{10}$ , the common change is

- A. +1
- B.  $+\frac{1}{10}$
- C.  $-\frac{1}{10}$
- D.  $+\frac{10}{10}$  (B)

**Explanation:** Each term increases by one-tenth.

5. Which of these is equal to  $2\frac{10}{10}$ ?

- A. 2
- B. 3
- C. 1
- D. 4 (B)

**Explanation:**  $2\frac{10}{10}$  means 2 wholes and 10 tenths, which is equal to 3 wholes.

6. Which of these is greater?

- A.  $4\frac{3}{10}$
- B. 4
- C. Both are equal
- D. Cannot be determined (A)

**Explanation:**  $4\frac{3}{10}$  is 3 tenths more than 4, so it is greater.

7. If a sequence is decreasing by  $\frac{1}{10}$ , what comes after  $5\frac{3}{10}$ ?

- A.  $5\frac{4}{10}$
- B.  $5\frac{2}{10}$
- C.  $6\frac{3}{10}$
- D.  $4\frac{3}{10}$  (B)

**Explanation:** Decreasing by one-tenth means subtracting  $\frac{1}{10}$ , so  $5\frac{3}{10}$  becomes  $5\frac{2}{10}$ .

8. What does it mean to extend a pattern?

- A. Stop after two terms
- B. Guess any number
- C. Continue using the same rule
- D. Change the rule every time (C)

**Explanation:** To extend a pattern, we continue it by following the same change or rule.

9. Which number is smaller?

- A.  $7\frac{5}{10}$
- B.  $7\frac{3}{10}$
- C. Both are equal
- D. Cannot be determined (B)

**Explanation:** Both have the same whole number 7, but  $\frac{3}{10}$  is less than  $\frac{5}{10}$ .

10. What is the key skill taught in this part?

- A. Drawing rulers
- B. Reading only whole numbers
- C. Finding and continuing patterns in tenths
- D. Multiplying decimals (C)

**Explanation:** This part focuses on observing sequences written in tenths and extending them correctly.