

CHAPTER-3 | A PEEK BEYOND THE POINT

QUIZ
PART-01

1. Why do we need smaller units of measurement?

- A. To make numbers bigger
- B. To measure more accurately
- C. To avoid using scales
- D. To change objects (B)

Explanation: Smaller units help us measure lengths more precisely when whole centimeters are not enough.

2. Which scale helps measure the screws more accurately?

- A. The one with fewer marks
- B. The one with no numbers
- C. The one divided into smaller parts
- D. All scales are equally exact (C)

Explanation: A scale divided into smaller equal parts gives more exact measurements.

3. What does $2\frac{7}{10}$ cm mean?

- A. Two and seven-tenth centimeters
- B. Seven and two-tenth centimeters
- C. Two and ten centimeters
- D. Twenty-seven centimeters (A)

Explanation: $2\frac{7}{10}$ cm means 2 whole centimeters and 7 tenths of a centimeter.

4. What does $3\frac{2}{10}$ cm mean?

- A. Two and three-tenth centimeters
- B. Three and two-tenth centimeters
- C. Thirty-two centimeters
- D. Three and twenty centimeters (B)

Explanation: $3\frac{2}{10}$ cm means 3 whole centimeters and 2 tenths of a centimeter.

5. A tenth part means dividing one unit into how many equal parts?

- A. 2
- B. 5
- C. 10
- D. 100 (C)

Explanation: One tenth means one of 10 equal parts of a whole unit.

6. The chapter mainly begins by introducing which idea?

- A. Fractions only
- B. Smaller units of measurement
- C. Algebraic expressions
- D. Angles and lines (B)

Explanation: The title of Part 1 is "The Need for Smaller Units," so the focus starts with accurate measurement using smaller parts.

7. Which object is shown measured with a ruler on page 13?

- A. Mobile phone
- B. Sharpener
- C. Pen
- D. Eraser (C)

Explanation: The image on page 13 shows a pen placed above a ruler for measurement.

8. Which object is shown measured with a ruler on page 14?

- A. Pen
- B. Sharpener
- C. Phone
- D. Book (B)

Explanation: The image on page 14 shows a sharpener placed above a ruler.

9. Which object is shown measured with a ruler on page 15?

- A. Phone
- B. Pen
- C. Scale
- D. Screw (A)

Explanation: The image on page 15 shows a mobile phone placed above a ruler.

10. What is the main learning from this part?

- A. Bigger numbers are always better
- B. Exact measurement may need smaller units
- C. Only whole numbers are used in measurement
- D. Centimeter cannot be divided (B)

Explanation: This part teaches that when whole units are not enough, we divide them into smaller parts for better accuracy.