

CHAPTER-6 | Perimeter and Area

QUIZ
PART-11

1. Estimation of area is done using:

- A. ruler only B. squared paper
C. compass only D. protractor only (B)

Explanation: The chapter says area of a simple closed figure can be estimated using squared paper or graph paper.

2. One small complete square on graph paper is taken as:

- A. 2 square units
B. 1 square unit
C. $\frac{1}{2}$ square unit
D. 0 square unit (B)

Explanation: A complete small square is counted as 1 square unit.

3. If the covered part of a square is less than half, we:

- A. count it as 1
B. count it as 2
C. ignore it
D. count it as $\frac{1}{2}$ (C)

Explanation: The chapter rule says area less than half the square is ignored.

4. If more than half of a square lies inside the figure, we count it as:

- A. 0 B. $\frac{1}{2}$
C. 1 D. 2 (C)

Explanation: More than half of a square is counted as 1 square unit.

5. If exactly half of a square is covered, we count it as:

- A. 1 square unit
B. $\frac{1}{2}$ square unit
C. 2 square units
D. 0 square unit (B)

Explanation: Exactly half a square is taken as $\frac{1}{2}$ square unit.

6. Area is measured in:

- A. cm
B. m
C. square units
D. units only (C)

Explanation: Area tells how much surface is covered, so it is written in square units.

7. Estimation of area is used for a:

- A. simple closed figure
B. open figure only
C. line segment
D. angle only (A)

Explanation: The chapter clearly mentions estimating the area of any simple closed figure.

8. Graph paper squares in this chapter are of size:

- A. 2×2 units
B. 1×2 units
C. 1×1 unit
D. 3×3 units (C)

Explanation: Each small square is shown as 1 unit \times 1 unit.

9. Which is correct while estimating area?

- A. Ignore more than half
B. Count less than half as 1
C. Count complete squares
D. Ignore complete squares (C)

Explanation: Complete squares are always counted while estimating area.

10. Which option shows a mistake for writing area?

- A. 5 square units
B. 8 square units
C. 4 unit
D. 12 square units (C)

Explanation: "4 unit" is incorrect for area. It should be written as "4 square units."