

CHAPTER-9 | Symmetry

QUIZ
PART-08

1. In Question 10, each figure must contain at least one
- A. straight angle
 - B. curved boundary
 - C. diagonal only
 - D. blue dot (B)

Explanation: The chapter clearly says that in each case the figure should contain at least one curved boundary.

2. A figure with exactly one line of symmetry has
- A. 0
 - B. 1
 - C. 2
 - D. 4 (B)

Explanation: "Exactly one" means the figure has only one symmetry line and no more.

3. A figure with exactly two lines of symmetry has
- A. 1
 - B. 2
 - C. 3
 - D. 4 (B)

Explanation: The question directly asks students to draw a figure with exactly two symmetry lines.

4. A figure with exactly four lines of symmetry has
- A. 2
 - B. 3
 - C. 4
 - D. 6 (C)

Explanation: The chapter asks for a figure with exactly four lines of symmetry.

5. In Question 11, the figures are copied on
- A. plain paper
 - B. ruled paper
 - C. squared paper
 - D. tracing paper only (C)

Explanation: The instruction says to copy the figures on squared paper.

6. In Question 11, the blue line should become a
- A. side of the figure
 - B. curved boundary
 - C. line of symmetry
 - D. diagonal only (C)

Explanation: Students must complete the figures so that the blue line is a line of symmetry.

7. In Question 12, the completed figure should have
- A. one blue line as symmetry
 - B. no symmetry line
 - C. two blue lines as symmetry
 - D. only curved lines (C)

Explanation: The question clearly says the resulting figure must have the two blue lines as lines of symmetry.

8. In Question 13, students must draw
- A. one more line
 - B. two more lines
 - C. three more lines
 - D. no extra line (B)

Explanation: The instruction says to draw two more lines for each figure.

9. In Question 13, the drawings are copied on a
- A. square grid
 - B. dot grid
 - C. circle grid
 - D. number line (B)

Explanation: The page clearly says to copy the figures on a dot grid.

10. The main skill used in this part is
- A. subtraction
 - B. symmetry drawing
 - C. multiplication
 - D. data handling (B)

Explanation: All questions in this part focus on completing and drawing figures using lines of symmetry.