

CHAPTER-9 | Symmetry

QUIZ
PART-06

1. In this part, Question 2 asks students to find

- A. area of figures
- B. other hole(s) using line(s) of symmetry
- C. perimeter of paper
- D. angles of triangle (B)

Explanation: Page 2 says, "Given the line(s) of symmetry, find the other hole(s)."

2. A vertical fold means the paper is folded

- A. left to right or right to left
- B. top to bottom
- C. corner to corner
- D. in a circle (A)

Explanation: A vertical fold creates a vertical line of symmetry, so one side comes over the other side.

3. A horizontal fold means the paper is folded

- A. left to right
- B. bottom to top or top to bottom
- C. corner to corner
- D. into four parts first (B)

Explanation: A horizontal fold creates a horizontal line of symmetry, so the top and bottom parts overlap.

4. When folded paper is opened after a cut, the hole shape depends on the

- A. paper color only
- B. fold and cut position
- C. name of the shape
- D. thickness only (B)

Explanation: The final opened shape is decided by where the paper was folded and where the cut was made.

5. In paper-cutting questions, students are first asked to

- A. measure the paper
- B. predict the hole shape
- C. count the corners
- D. color the figure (B)

Explanation: Page 10 says to predict the shape of the hole when the paper is opened.

6. After prediction, students should

- A. leave the answer unchecked
- B. erase the figure
- C. make the cutouts and verify
- D. draw a circle only (C)

Explanation: The chapter says, "make the cutouts and verify your answer."

7. A line of symmetry helps us find the missing part because both sides are

- A. unrelated
- B. unequal
- C. mirror images
- D. always curved (C)

Explanation: In symmetry, one side matches the other like a mirror image.

8. Question 5 is based on making shapes with

- A. many curved cuts only
- B. no folds at all
- C. some folds and a single straight cut
- D. two papers together (C)

Explanation: Page 13 clearly says to get the shapes with some folds and a single straight cut.

9. Which idea is most important for solving these questions?

- A. tables
- B. symmetry
- C. fractions
- D. decimals (B)

Explanation: All the activities in this part use folding and matching through symmetry.

10. Which is the likely mistake in the visible chapter pages?

- A. Vertical fold is defined wrongly
- B. Horizontal fold is missing
- C. Part (a) and part (b) both say the centre hole is a square
- D. No questions are given (C)

Explanation: Pages 13 and 14 repeat the same sentence for both parts, which appears to be a wording or printing mistake.