

CHAPTER-9 | Symmetry

QUIZ
PART-05

1. In this part, the chapter mainly teaches
- Fractions
 - Drawing shapes with lines of symmetry
 - Algebra
 - Measurement (B)

Explanation: The title of Part-5 is "Drawing Shapes with Lines of Symmetry."

2. In the ink blot activity, ink or paint is sprinkled on
- both halves equally
 - one half of the paper
 - only the corners
 - the outside of the paper (B)

Explanation: The activity says to sprinkle a few drops of ink or paint on one half of the paper.

3. After putting ink on one half, the next step is to
- tear the paper
 - wash the paper
 - press both halves together
 - cut the paper into two parts (C)

Explanation: The chapter says to press the two halves on each other and then open the paper.

4. The figure formed by the ink blot activity is generally
- symmetric
 - a triangle
 - always unsymmetric
 - a number line (A)

Explanation: Pressing the folded halves creates matching patterns on both sides, so the figure is symmetric.

5. In paper folding and cutting, the cut is made along the
- colored line
 - boundary line
 - dotted line
 - curved line only (C)

Explanation: The chapter clearly says to cut the folded paper along the dotted line shown.

6. In the punching game, the fold acts as a
- side of the square
 - line of symmetry
 - diagonal only
 - curved edge (B)

Explanation: The chapter directly states, "The fold is a line of symmetry."

7. In the punching game, holes are punched in a folded
- circular sheet
 - triangular sheet
 - square sheet
 - rectangular box (C)

Explanation: The text mentions a folded square sheet of paper.

8. After unfolding the punched paper, we get
- random lines only
 - symmetric patterns
 - only one dot
 - no design (B)

Explanation: Punching holes in folded paper and then unfolding it creates symmetric patterns.

9. In the given exercise, students are asked to identify
- the area of the paper
 - the color of the paper
 - the line along which the paper was folded
 - the weight of the paper (C)

Explanation: The exercise says to identify the line along which the paper was folded after seeing the unfolded figure.

10. Which activity in this chapter helps make symmetric designs using a punching machine?
- Ink Blot Devils
 - Paper Tearing
 - Punching Game
 - Number Game (C)

Explanation: The "Punching Game" uses a punching machine on folded paper to create symmetric patterns.