

CHAPTER-9 | Symmetry

QUIZ
PART-03

1. Which figure does NOT have a line of symmetry?

- A. Flower
- B. Butterfly
- C. Rangoli
- D. Pinwheel (D)

Explanation: The chapter clearly shows that the pinwheel has no line of symmetry, while the others do.

2. Which picture at the start of the chapter has a line of symmetry?

- A. Pinwheel
- B. Flower
- C. Cloud
- D. None of these (B)

Explanation: The flower is shown with a line of symmetry in the chapter.

3. Which picture also has a line of symmetry?

- A. Butterfly
- B. Pinwheel
- C. Cloud
- D. None (A)

Explanation: The butterfly is shown with a line of symmetry.

4. Which design shown in the chapter has a line of symmetry?

- A. Pinwheel
- B. Rangoli
- C. Cloud
- D. No figure (B)

Explanation: The rangoli is shown as a symmetrical design.

5. Which figure does not have a line of symmetry?

- A. Flower
- B. Butterfly
- C. Rangoli
- D. Pinwheel (D)

Explanation: The chapter clearly states that the pinwheel has no line of symmetry.

6. What about the cloud picture?

- A. It has a clear line of symmetry
- B. It has many lines of symmetry
- C. It does not show a clear line of symmetry
- D. It is a square (C)

Explanation: The cloud shape is irregular, so it does not show a clear line of symmetry. This is the intended idea of the example.

7. A figure with a line of symmetry can be divided into

- A. unequal halves
- B. mirror halves
- C. three parts
- D. curved parts only (B)

Explanation: A line of symmetry divides a figure into matching mirror halves. This idea continues from the previous part and is used here.

8. In Question 2, students are asked to identify

- A. angles only
- B. sides only
- C. line(s) of symmetry
- D. area only (C)

Explanation: The page says, "identify the line(s) of symmetry if it exists."

9. Which statement is correct for the pinwheel?

- A. It has 2 lines of symmetry
- B. It has 1 line of symmetry
- C. It has no line of symmetry
- D. It is a circle (C)

Explanation: The chapter states that the pinwheel has no line of symmetry.

10. Which line in the PDF has a small wording mistake?

- A. "Line of symmetry"
- B. "No, line of symmetry."
- C. "Butterfly"
- D. "Flower" (B)

Explanation: "No, line of symmetry." is awkward English; it should be "No line of symmetry."