

CHAPTER-9 | Symmetry

QUIZ
PART-01

1. What does symmetry mean?

- A. No pattern
- B. Random shape
- C. Repeated matching pattern
- D. Unequal sides (C)

Explanation: Symmetry means a shape is made of parts where a pattern is repeated in a matching way.

2. The topic of this part is

- A. Fractions
- B. Symmetry
- C. Perimeter
- D. Algebra (B)

Explanation: Part 1 of the chapter is titled Symmetry.

3. Which of these is listed in the overview under Symmetry?

- A. Profit and Loss
- B. Line of Symmetry
- C. Integers
- D. Data Handling (B)

Explanation: The overview includes Line of Symmetry under Symmetry.

4. Which topic is also listed in the overview?

- A. Rotational Symmetry
- B. Decimals
- C. Mensuration
- D. Ratio (A)

Explanation: The overview clearly includes Rotational Symmetry.

5. Which object is shown as an example in this part?

- A. Car
- B. Tree
- C. Butterfly
- D. Chair (C)

Explanation: The chapter shows examples like flower, butterfly, rangoli, and pinwheel.

6. Which object is a decorative design shown in the examples?

- A. Rangoli
- B. Pencil
- C. Table
- D. Book (A)

Explanation: Rangoli is one of the example pictures shown in the chapter.

7. A shape has symmetry when

- A. all sides are unequal
- B. no pattern repeats
- C. a certain pattern is repeated
- D. it is always a circle (C)

Explanation: The chapter defines symmetry as a shape made up of parts in which a certain pattern is repeated.

8. Shapes with symmetry are called

- A. curved shapes
- B. symmetrical shapes
- C. open shapes
- D. rough shapes (B)

Explanation: The text says such shapes are called symmetrical shapes.

9. Which example in the chapter can spin and still show pattern?

- A. Pinwheel
- B. Door
- C. Spoon
- D. Eraser (A)

Explanation: The pinwheel is shown as one of the repeating-pattern examples.

10. Which word is misspelled in the PDF?

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

Explanation: On page 15, "Buttterfly" is misspelled; it should be "Butterfly."