



Grade 4

Topic: Draw Symmetric Shapes

Instructions

Read each question carefully. Use a ruler and pencil to draw shapes neatly. Use a mirror if needed to check symmetry.

1. Identify Symmetric Shapes

Look at the shapes below and circle the ones that have **line symmetry**. (Draw simple shapes like a square, triangle, pentagon, and an irregular shape.)

2. Draw the Other Half

The shapes below show only one half of a symmetric figure. Complete the drawing by reflecting it over the given line of symmetry. (Draw half of a heart, half of a butterfly, half of a house, etc.)

3. Draw Lines of Symmetry

For each shape below, draw all possible lines of symmetry. (Draw shapes like a rectangle, equilateral triangle, and a hexagon.)

4. Create Your Own Symmetric Shape

Draw any symmetric shape of your choice and draw its line(s) of symmetry.

5. Real-Life Symmetry

List three objects from your surroundings that have symmetry and draw one of them.

Examples: Butterfly, leaf, star, etc.

6. Symmetry in Alphabets

Write down five capital letters that have line symmetry. Draw their lines of symmetry.

7. Symmetry in Numbers

Write down five numbers (0-9) that have line symmetry. Draw their lines of symmetry.

8. Symmetric Patterns

Create a symmetric pattern using any shapes of your choice. Ensure that at least one line of symmetry is present.

Bonus Question:

Can a shape have more than one line of symmetry? If yes, give an example.

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