

Grade 4 Math Worksheet: **Symmetry & Reflections** : Difficulty Level - Easy

Name: _____

Date: _____

Instructions: Answer the questions and draw carefully. Use a ruler if needed for straight lines.

Part 1: Identifying Symmetry

1. **Circle the Symmetrical Shapes**

Circle the shapes below that have at least one line of symmetry:

[Square, Triangle, Oval, Pentagon, Arrow, Hexagon]

2. **Write Yes or No**

Write **Yes** if the object has symmetry and **No** if it does not:

- Book cover: _____
 - Banana: _____
 - Clock face: _____
 - Tree leaf: _____
-

Part 2: Draw and Complete

3. **Complete the Drawing**

The left half of each object is shown. Draw the right half to make it symmetrical:

- Half of a smiley face
- Half of a butterfly wing
- Half of a boat

4. **Draw a Line of Symmetry**

Draw one line of symmetry on each of the following:

- Heart
 - Star
 - House
-

Part 3: Mirror Reflection

5. **Draw the Reflected Image**

Copy the shape shown and draw its reflection on the other side of the vertical line:
![Simple shape (e.g., a triangle or heart) next to a vertical line]

6. **Choose the Correct Reflection**

Circle the correct reflection of the arrow shown below:
![An arrow with three possible mirrored images, one correct]

Part 4: Fun Symmetry Activity

7. **Create Your Own Symmetrical Shape**

In the box below, draw a shape that has at least one line of symmetry. Color it in after you are done:
[Empty box with a vertical guideline]

8. **Symmetrical or Not?**

Write **S** for symmetrical or **NS** for not symmetrical next to each item:

- Butterfly: _____
 - Ladder: _____
 - Snowflake: _____
 - Pine tree: _____
-

Part 5: Bonus Challenge

9. **Symmetry Hunt**

Draw or write about an item in your house or classroom that is symmetrical. Explain why it is symmetrical:

Item: _____

Explanation: _____

Great work! Share your answers with your friends and see if they found the same symmetrical shapes.

— BE CHAMPION —