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

Name: _____ **Date:** _____

Instructions: Complete the exercises below. Take your time and draw carefully.

Part 1: Identifying Lines of Symmetry

1. **Count the Lines of Symmetry**
   Write the number of lines of symmetry each shape has:
   - Square: _____
   - Circle: _____
   - Isosceles triangle: _____
   - Rectangle: _____
2. **Draw Lines of Symmetry**
   Draw as many lines of symmetry as possible on the shapes below:
   - A hexagon
   - A star

Part 2: Symmetry in Letters

3. **Find the Symmetrical Letters**
   Write down the letters from the list below that have at least one line of symmetry:
   A, B, C, D, E, H, I, M, N, O, P, R, T, U, V, W, X, Y, Z
   Answer: _____
4. **Draw the Symmetrical Half**
   The left half of each letter is shown. Complete the right half to make it symmetrical:
   - H
   - E
   - M

Part 3: Reflections in the Mirror

5. **Mirror Reflection Practice**
   Draw the mirror reflection of each shape shown:
   ![Three simple shapes such as a triangle, square, and heart next to a vertical line]

6. **True or False**
   Write **True** or **False** next to each statement:
   - The reflection of a circle is also a circle. _____
   - A butterfly is symmetrical along its vertical line. _____
   - The reflection of a triangle is always a triangle. _____

Part 4: Creating Patterns

7. **Draw and Color**
   Create a symmetrical pattern in the box below by drawing any shape and reflecting it across a vertical line:
   [Box with a vertical line in the middle]

8. **Symmetry Search**
   Circle the objects in the list below that are symmetrical:
   - Spoon
   - Pencil
   - Flower
   - Car
   - House

Bonus Activity:
Find a piece of nature, like a leaf or flower, and draw its reflection in your notebook.

Great work! Share your worksheet with your classmates or teacher to compare your answers.

—- BE CHAMPION—-