



Lines of Symmetry in Figures

Today's Standard

4.G.A3 - Recognize a line of symmetry for a two-dimensional figure as a line across the figure such that the figure can be folded along the line into matching parts. Identify line-symmetric figures and draw lines of symmetry.

Real-World Applications for this Standard

Butterfly wings; Human face; Leaf shapes; Snowflakes; Architectural designs; Art patterns

Today I Learned

Today, we learned about lines of symmetry. A line of symmetry divides a shape into two matching parts. We practiced finding these lines in different shapes.

Common Stumbling Blocks

Some kids might think that a line of symmetry can be drawn anywhere on a shape, but that's not true. Only special lines that make two matching parts are lines of symmetry. Another mistake is thinking that shapes without matching parts can have lines of symmetry.

Quiz Me

- What is a line of symmetry?
- Can you find a line of symmetry in a square?
- Is a circle symmetrical?
- Can a triangle have a line of symmetry?
- What happens when you fold a shape along a line of symmetry?

Help Me

A line of symmetry is like an invisible line that splits a shape into two equal parts. You can see symmetry in real life, like in butterfly wings or leaves. Knowing about symmetry helps us understand patterns and designs better.