

Table of Contents

Shapes All Around	4
What Are 2-D Shapes?	5
Shapes in Art	6
Patterns in Art	12
Lines of Symmetry	14
Symmetry in Art	16
Tangrams	18
Art Where You Live	22
Make Your Own Work of Art	24
Problem-Solving Activity	28
Glossary	30
Index	31
Answer Key	32

Shapes All Around

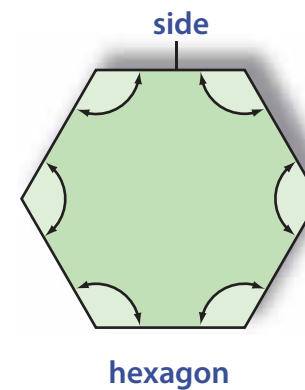
Look around your school. What shapes can you see? Can you see squares, triangles, or rectangles? These are all 2-D shapes.

Most 2-D shapes have length and width. Each of these is a **dimension** (duh-MEN-shuhn). 2-D is short for two-dimensional.

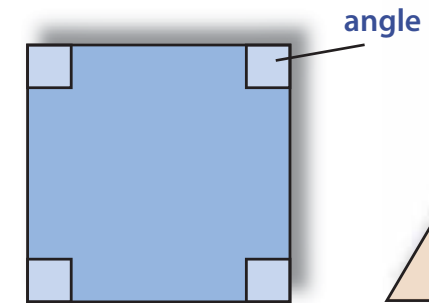


What Are 2-D Shapes?

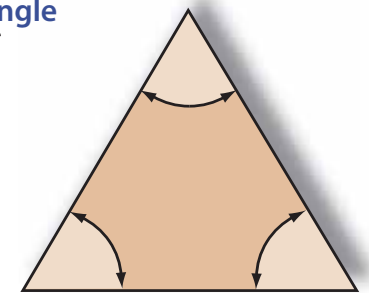
2-D shapes are flat shapes that you can draw. **Regular** 2-D shapes have straight sides. All the sides and **angles** are equal in a regular 2-D shape.



hexagon

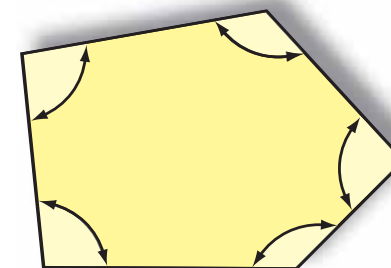


square

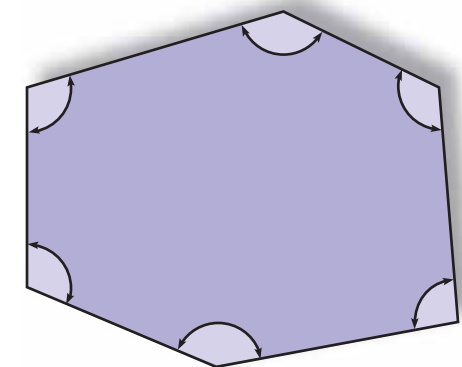


triangle

Irregular 2-D shapes have sides or angles that are not all equal.



pentagon



hexagon