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What is Shapes

Shapes are everywhere in our world!

DEFINITION

Shapes are the forms of objects we see around us. They can be flat or three-dimensional.

KEY CONCEPTS

2D Shapes

Two-dimensional shapes have length and width but no depth, like circles and squares.

Vertices

Vertices are the points where two or more edges meet in a shape.

Faces

Faces are the flat surfaces on three-dimensional shapes.

3D Shapes

Three-dimensional shapes have length, width, and height, like cubes and spheres.

Edges

Edges are the lines that form the boundaries of a shape.

EXAMPLES

- A pizza is a circle (2D shape).
- A box is a cube (3D shape).
- A triangle has three vertices.

MEMORY TIPS

- ★ Remember '2D' for flat shapes like paper.
- ★ Think '3D' for shapes you can hold, like a ball.
- ★ Use the word 'V' for vertices to remember they are points.

COMMON MISTAKES

- ✗ Confusing 2D shapes with 3D shapes.
- ✗ Miscalculating the number of edges or vertices.
- ✗ Not recognizing shapes in everyday objects.

QUICK RECAP

Shapes are important in understanding the world around us. Remember the differences between 2D and 3D shapes, and practice identifying their properties like edges and vertices.