ONE PAGE SUMMARY

Kids Learning › Geometry for Kids › Shapes

What is Shapes

Shapes: The Building Blocks of Geometry for Kids!

DEFINITION

> Shapes are the forms of objects we see around us. They can be flat or solid and have different properties.

KEY CONCEPTS

2D Shapes

Two-dimensional shapes are flat and have length and width, like squares and circles.

3D Shapes

Three-dimensional shapes have depth in addition to length and width, like cubes and spheres.

Vertices

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

Edges

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

Faces

Faces are the flat surfaces on 3D shapes, like the sides of a cube.

EXAMPLES

→ A triangle has 3 sides and 3 vertices.

→ A cube has 6 faces and 12 edges.

→ A circle is a round shape with no corners.

MEMORY TIPS

★ Remember 'V' for vertices and 'E' for edges to connect points and lines.

★ Think of a 'C' for circle and 'S' for square to remember basic shapes.

★ Visualize a box for 3D shapes: it has faces, edges, and vertices.

COMMON MISTAKES

✗ Confusing 2D shapes with 3D shapes.

✗ Forgetting to count all vertices and edges.

✗ Mixing up similar shapes, like squares and rectangles.

QUICK RECAP

Shapes are essential in geometry, categorized into 2D and 3D. Remember their properties like vertices, edges, and faces to understand them better.