

# Geometry

## Geometry

Welcome to the Geometry section of the Mathematics Knowledge Graph Wiki. This section covers fundamental concepts in geometry, from classical Euclidean geometry to modern differential and algebraic geometry.

### Available Topics

#### Core Concepts

- [Metric Space](#) - Spaces with a notion of distance

#### Examples

- [Euclidean Space](#) - The standard example of a metric space

### Domain Overview

Geometry studies shapes, sizes, relative positions of figures, and the properties of space. It ranges from the familiar Euclidean geometry to abstract spaces studied in modern mathematics.

### Prerequisites

Topics in geometry often require understanding of: - Basic set theory - Linear algebra concepts - Analysis fundamentals (for differential geometry)

### Navigation

Use the sidebar to browse all geometry topics, or explore the interactive visualizations to see how concepts connect.