

# Logic and Set Theory

## Logic and Set Theory

Logic and set theory form the foundation of modern mathematics, providing the basic language and concepts upon which all other mathematical theories are built.

### Core Concepts

#### Set Theory Basics

- [Definition: Set](#)
- Definition: Element and Membership (coming soon)
- Definition: Subset (coming soon)
- Definition: Union and Intersection (coming soon)

#### Logic Fundamentals

Coming soon...

#### Axiomatic Set Theory

Coming soon...

#### Model Theory

Coming soon...

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#### Note

Content is being actively developed. Check back frequently for updates.