

# Chapter 1

## Preliminaries: Set theory and categories

### 1 Naive set theory

#### Exercises

1.1. Locate a discussion of Russell's paradox, and understand it.

*Solution.* content...

□

### 2 Functions between sets

#### Exercises

### 3 Categories

#### Exercises

### 4 Morphisms

#### Exercises

### 5 Universal properties

#### Exercises