

# Chapter 3: Set Theory

## Section 3.1: Set Definitions and Notation

The concept of a set

Common Sets in Mathematics

## **Set Notation, Definitions, and Symbolic Notation**

“An element of” notation

Subset

Set Equality

The empty set

The Universal Set

Examples of Set Notations and Definitions (True or False).

## Subset Examples and Creating Subsets

To find the number of subsets in any given set: