

Preliminaries and Objectives

Function Notation



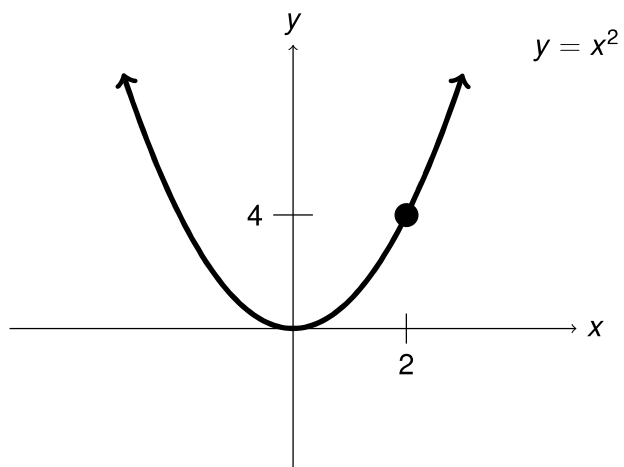
Preliminaries

- Functions
- Graphs of Functions

Objectives

- Understand function notation

Functions as Graphs



Recap

Functions

Representation	Input	Output
Function Box	Input	Output
Function Notation	x	$f(x)$
Graph	x-axis	y-axis

Working with Functions

Adding Functions

$$f(x) + g(x)$$

Composition of Functions

$$f(g(x))$$

Recap

Functions

Representation	Input	Output
Function Box	Input	Output
Function Notation	x	$f(x)$
Graph	x-axis	y-axis