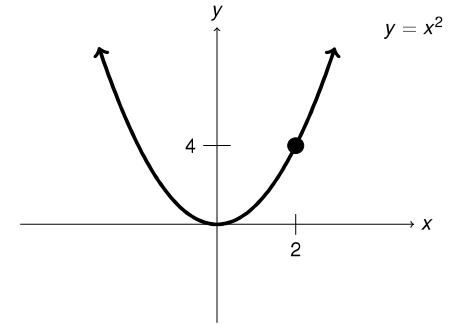


Function Notation



- Preliminaries
- Functions
  - Graphs of Functions

- Objectives
- Understand function notation



Recap

Functions

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

Adding Functions

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

Composition of Functions

$$f(g(x))$$

Functions

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