Inverse Functions – Part II

University of Minnesota

Preliminaries and Objectives

Preliminaries

- Inverse Functions
- One-to-One Functions

Objectives

- Define inverses for functions that are not one-to-one

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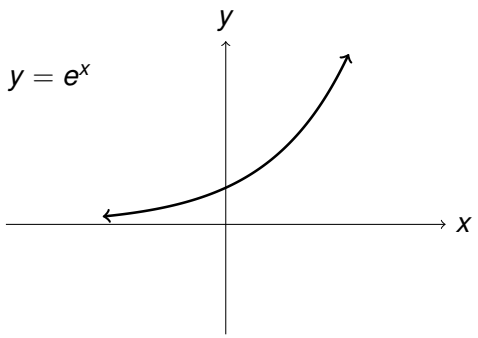
Exponential and Logarithm Function



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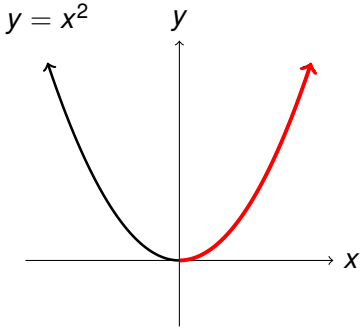
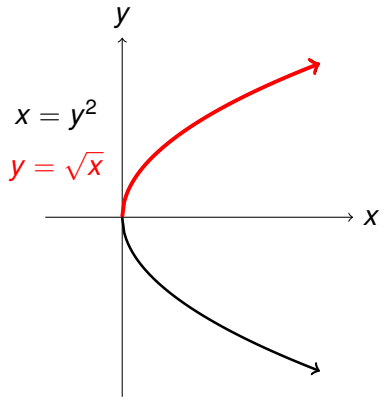
Powers and Roots





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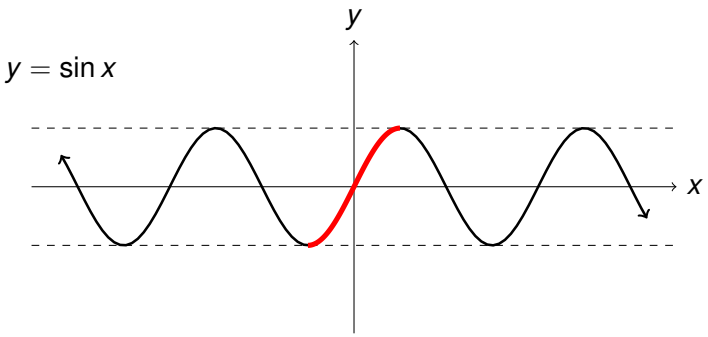
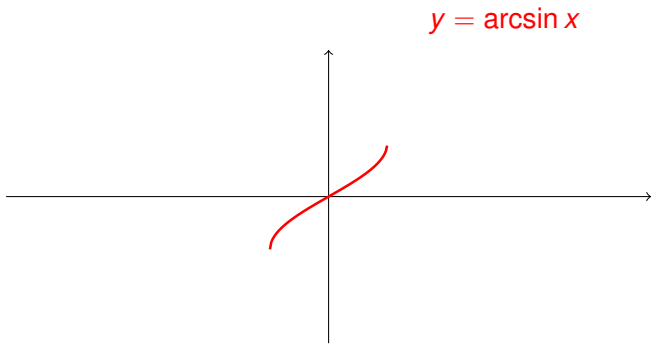
Wave Graphs



Wave Graphs



Recap

- To find an inverse function of a one-to-one function, interchange x and y.
- If the original function is not one-to-one, restrict the domain to a portion that is one-to-one.