# CHAPTER 1

**Definition 1:**

$$f(x) \text{ is } f : \mathbb{R} \to \mathbb{R}$$

**Theorem 1:**

$$f \text{ is invertible.}$$

**Proof:**

$$f \text{ is bijective } \Rightarrow f \text{ is invertible}$$

*figures*
*and*
*stuff.*
*can be*
*placed*
*in the*
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*gin.*