## 1 Functions

Definition 1.1 A function $f: A \rightarrow B$ is a left-total, right-unique relation in $A \times B$

## 2 Real Numbers

Definition 2.1 We denote the set of real numbers we all know and love with $\mathbb{R}$.

Definition 2.2 The absolute value $|r|$ of a real number $r$.

