## List of Mathematical Symbols

- $\mathbb{R}=$ real numbers, $\mathbb{Z}=$ integers, $\mathbb{N}=$ natural numbers, $\mathbb{Q}=$ rational numbers, $\mathbb{P}=$ irrational numbers.
- $\subset=$ proper subset (not the whole thing) $\subseteq=$ subset
- $\exists=$ there exists
- $\forall=$ for every
- $\in=$ element of
- $\bigcup=$ union (or)
- $\bigcap=$ intersection (and)
- s.t. $=$ such that
- $\Longrightarrow$ implies
- $\Longleftrightarrow$ if and only if
- $\sum=$ sum
- $\backslash=$ set minus
- $\therefore=$ therefore

