List of Mathematical Symbols

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