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
- $\exists$ = there exists
- $\forall$ = for every
- $\in$ = element of
- $\cup$ = union (or)
- $\cap$ = intersection (and)
- s.t. = such that
- $\implies$ = implies
- $\iff$ = if and only if
- $\sum$ = sum
- $\setminus$ = set minus
- $\therefore$ = therefore