Common Mathematical Symbols

$\in$	is an element of, belongs to, in
$\notin$	is not an element of, does not belong to, is not in
$\subset$	(proper) subset, $A \subset B$, A is a (proper) subset of B
$\subseteq$	subset, $A \subseteq B$, A is a subset of B
$\forall$	for each, for every, for any, for all
$\ni$	such that
$\exists$	there exists, there is
$\exists!$	there exists exactly one, there exists a unique
$\Rightarrow$	implies
$\Leftrightarrow$, iff	if and only if, iff
$\rightarrow$	approaches, goes to
$\equiv$	identically equal to
$\approx$	approximately equal to
$\mathbb{N}$	the set of natural numbers, the positive integers
$\mathbb{Q}$	the set of rational numbers
$\mathbb{R}$	the set of real numbers
$\mathbb{C}$	the set of complex numbers