Calculus, PreCalculus and Logic Symbols

$<$	less than	α	alpha
$>$	greater than	β	beta
$\wedge$	and	γ	gamma
$\vee$	or	δ	delta
$\leq, \not>$	less than or equal to	ε	epsilon
$\geq, \not<$	greater than or equal to	ζ	zeta
$\forall$	for all, for each, for every, for any	η	eta
$\exists$	there exists	θ	theta
!	exactly, or factorial (two meanings for the same symbol)	ι	iota
		κ	kappa
$\ni$, :	such that	λ	lambda
$\in$	is an element of	μ	mu
*	multiplication if between symbols, contradiction if at the end of a statement	ν	nu
		χ	xi
~	not	o	omicron
□	Q.E.D.. quod erat demonstrandum, which was to be shown nor demonstrated	π	pi
		ρ	rho
∞	infinity, to increase without bound	σ	sigma
$\rightarrow$	implies that, forces, then	τ	tau
$\leftrightarrow$	iff, if and only if, bijection	υ	upsilon
$\therefore$	therefore	ϕ,φ	phi
$\circ$	functional composition	χ	chi
$\neq$	not equal to	ψ	psi
$\approx$	approximately equals	ω	omega
. . .	ellipsis, continue similarly		
$\aleph_0$	alef naught, the cardinality of the natural numbers		
$\varnothing$	empty set, undefined, does **NOT** mean zero		
$\cap$	intersection		
$\cup$	union		
$\sqrt{}$	radical, root		

$\mathbb{N}$	set of natural numbers	$\sim\mathbb{Q}$	set of irrational numbers
$\mathbb{Z}$	set of integer numbers	$\mathbb{R}$	set of real numbers
$\mathbb{Q}$	set of rational numbers	$\mathbb{C}$	set of complex numbers

Baldwin