

# 10<sup>th</sup> Mathematics Symbols

$=$	equal to	$\sim$	similarly
$\neq$	not equal to	$\Delta$	symmetric difference
$<$	less than	$\mathbb{N}$	natural numbers
$\leq$	less than or equal to	$\mathbb{W}$	whole numbers
$>$	greater than	$\mathbb{Z}$	integers
$\geq$	greater than or equal to	$\mathbb{R}$	real numbers
$\approx$	equivalent to	$\triangle$	triangle
$\cup$	union	$\angle$	angle
$\cap$	intersection	$\perp$	perpendicular to
$\cup$	universal Set	$\parallel$	parallel to
$\in$	belongs to	$\rightarrow$	implies
$\notin$	does not belong to	$\therefore$	therefore
$\subset$	proper subset of	$\because$	since (or) because
$\subseteq$	subset of or is contained in	$   $	absolute value
$\not\subset$	not a proper subset of	$\approx$	approximately equal to
$\not\subseteq$	not a subset of or is not contained in	$ (\text{or}) :$	such that
$A' \text{ (or) } A^c$	complement of $A$	$\equiv \text{ (or) } \cong$	congruent
$\emptyset \text{ (or) } \{ \}$	empty set or null set or void set	$\equiv$	identically equal to
$n(A)$	number of elements in the set $A$	$\pi$	pi
$P(A)$	power set of $A$	$\pm$	plus or minus
$\sum$	summation		