

Mathematical Symbols

Symbol	Description	LaTeX Command (in math mode)	Nupri LaTeX Command	Nupri Index	Unicode (hex) or HTML Command
	turnstile	\vdash	\mvdash{}	140	⊢
	there exists	\exists	\mexists{}	163	∃
	for all	\forall	\mforall{}	162	∀
	and	\wedge	\mwedge{}	146	∧
	or	\vee	\mvee{}	173	∨
¬	not	\neg	\mneg{}	147	¬
	right arrow	\rightarrow	\mrightarrow{}		→
	right double arrow	\Rrightarrow	\mRrightarrow{}	137	⇒
	left arrow	\leftarrow	\mleftarrow{}		←
	left double arrow	\Lleftarrow	\mLeftarrow{}	135	⇐
	right over left harpoons	\rightharpoons	\mrightharpoons{}	165	⇌
	up arrow	\uparrow	\muparrow{}	153	↑
	down arrow	\downarrow	\mdownarrow{}	143	↓
	cap	\cap	\mcap{}	160	∩
	cup	\cup	\mcup{}	161	∪
	left ceiling	\lceil	\mkleeneopen{}	138	⌈
	right ceiling	\rceil	\mkleeneclose{}	139	⌉
	element of	\in	\mmember{}	148	∈
	subset of	\subset	\msubset{}	158	⊂
	subset of or equal to	\subseteq	\msubseteq{}	185	⊆
	superset of	\supset	\msupset{}	159	⊃
	superset of or equal to	\supseteq	\msupseteq{}	186	⊇
	integral	\int	\mint{}		∫
	partial differential	\partial	\mpartial{}	157	∂
	infinity	\infty	\minfty{}	156	∞
	alpha	\alpha	\malpha{}	144	α
	beta	\beta	\mbeta{}	145	β
	delta	\delta	\mdelta{}	152	δ
	straight epsilon	\epsilon	\mepsilon{}		ϵ
	gamma	\gamma	\mgamma{}	151	γ
	lambda	\lambda	\mlambda{}	150	λ
	pi	\pi	\mpi{}	149	π
	rho	\rho	\mrho{}	193	ρ
	capital sigma	\Sigma	\mSigma{}	177	Σ
	capital pi	\Pi	\mPi{}	179	Π
	capital delta	\Delta	\mDelta{}	178	Δ
<	less than	<	<	n/a	<
	less than or equal to	\leq	\mleq{}	170	≤
>	greater than	>	>	n/a	>
	greater than or equal to	\geq	\mgeq{}	171	≥
	not equal to	\neq	\mneq{}	168	≠
	identical to	\equiv	\mequiv{}	172	≡
×	multiplication	\times	\mtimes{}	180	×
÷	division	\div	\mdiv{}	181	÷
±	plus or minus	\pm	\mpm{}	154	±
	circled plus	\oplus	\moplus{}	155	⊕
	circled times	\otimes	\motimes{}	164	⊗
	dot operator	\cdot	\mcdot{}	142	⋅
	diamond operator	\diamond	\mdiamond{}	169	⋄
	tilde operator	\sim	\msim{}		∼
	double-struck P	\mathbb{P}	\mBbbP{}	128	ℙ
	double-struck R	\mathbb{R}	\mBbbR{}	129	ℝ

	double-struck N	$\mathbb{N}$	$\mathbb{N}$	130	ℕ
	double-struck C	$\mathbb{C}$	$\mathbb{C}$	131	ℂ
	double-struck Q	$\mathbb{Q}$	$\mathbb{Q}$	132	ℚ
	double-struck Z	$\mathbb{Z}$	$\mathbb{Z}$	133	ℤ
U	bold U	$\mathbf{U}$	$\mathbf{U}$	134	U
B	bold B	$\mathbf{B}$	$\mathbf{B}$	192	B
\	backslash	$\backslash$	$\backslash$		\
{}	braces	$\{$	$\}$		{}
superscript +	superscript +	$^+$	$^+$	182	⁺
superscript -	superscript -	$^-$	$^-$	183	⁻
superscript 0	superscript 0	0	0	184	⁰
subscript 0	subscript 0	$_0$	$_0$	187	₀
subscript 1	subscript 1	$_1$	$_1$	188	₁
subscript 2	subscript 2	$_2$	$_2$	189	₂
subscript 3	subscript 3	$_3$	$_3$	190	₃
subscript a	subscript a	$_a$	$_a$	194	_a
subscript b	subscript b	$_b$	$_b$	196	_b
subscript c	subscript c	$_c$	$_c$	198	_c
subscript q	subscript q	$_q$	$_q$	195	_q
subscript z	subscript z	$_z$	$_z$	197	_z