

Name	symbol	command
Inequalities in LaTeX		
Less than	$<$	<code><</code>
Greater than	$>$	<code>></code>
Less than equal to	\leq	<code>\leq</code>
Less than with complete equal to sign	$\leq\!\!=$	<code>\leqq</code>
Less than equal to slant	\leqslant	<code>\leqslant</code>
Less than similar to	\lessapprox	<code>\lessapprox</code>
Less than approximate	\lessapprox	<code>\lessapprox</code>
Precedes	\prec	<code>\prec</code>
Precedes and equal to	\preceq	<code>\preceq</code>
Less than greater than	\lessgtr	<code>\lessgtr</code>
Less than equal to greater than	\lesseqgtr	<code>\lesseqgtr</code>
Greater than equal to	\geq	<code>\geq</code>
Greater than with complete equal to sign	$\geq\!\!=$	<code>\geqq</code>
Greater than equal to slant	\geqslant	<code>\geqslant</code>
Greater than similar to	\gtrsim	<code>\gtrsim</code>
Greater than approximate to	\gtrapprox	<code>\gtrapprox</code>
Succeeds	\succ	<code>\succ</code>
Succeeds and equal to	\succeq	<code>\succeq</code>
Succeeds and similar to	\succsim	<code>\succsim</code>
Not less than	\nless	<code>\nless</code>
Not greater than	\ngtr	<code>\ngtr</code>
Not less than equal to	\nleq	<code>\nleq</code>
Not greater than equal to	\ngeq	<code>\ngeq</code>
Less than not equal to	\nleq	<code>\nleq</code>
Greater than not equal to	\ngeq	<code>\ngeq</code>
Not less than equal to slant	\nleqslant	<code>\nleqslant</code>
Not greater than equal to slant	\ngeqslant	<code>\ngeqslant</code>
Lesser lesser than	\ll	<code>\ll</code>

Name	symbol	command
Triple lesser than	\lll	<code>\lll</code>
Greater greater than	\ggg	<code>\ggg</code>
Triple greater than	\gggg	<code>\gggg</code>

Greek Letters Alpha α `\alpha` A Beta β `\beta` B Gamma γ `\gamma` \Gamma Delta δ `\delta` \Delta Epsilon ϵ `\epsilon` E Zeta ζ `\zeta` Z Eta η `\eta` E Theta θ `\theta` \Theta Iota ι `\iota` I Kappa κ `\kappa` K Lambda λ `\lambda` \Lambda Mu μ `\mu` M Nu ν `\nu` N Omicron \omicron `\omicron` O Pi π `\pi` \Pi Rho ρ `\rho` \rho Sigma σ `\sigma` \Sigma Tau τ `\tau` T Upsilon υ `\upsilon` \Upsilon Phi ϕ `\phi` \Phi Chi χ `\chi` X Psi ψ `\psi` \Psi Omega ω `\omega` \Omega **Latex how to write bar** `\bar{X}` `\bar{X}` **Overline** `\overline{X}` `\overline{X}` **Latex gradient symbol** Del Operator `\nabla` `\nabla`