

What are Inequalities

Symbol	Meaning	Example	Graph
$>$	greater than	$X > 5$ E 6, 7, 8, 9, 3	
\geq	greater than or equal to	$X \geq 5$ E 5, 6, 7, 8, ... 3	
$<$	less than	$X < 5$ E 4, 3, 2, 1, ... 3	
\leq	less than or equal to	$X \leq 5$	
\neq	Not equal to	$X \neq 5$	
** = not an inequality sign		$X = 5$	

\circ = Open circle $\rightarrow >$ or $<$

\bullet = closed circle $\rightarrow \geq$ or \leq

Inequalities have many solutions and equations only have one!