

Interval Notation

✿ $a < x < b$ (a, b)

✿ $a \leq x \leq b$ $[a, b]$

✿ $a \leq x < b$ $[a, b)$

✿ $a < x \leq b$ $(a, b]$

✿ $-\infty < x \leq b$ $(-\infty, b]$

Or $x \leq b$

✿ $-\infty < x < b$ $(-\infty, b)$

Or $x < b$

✿ $-\infty \leq x \leq b$ $(-\infty, b]$

Or $x \leq b$

✿ $-\infty \leq x < b$ $(-\infty, b)$

or $x < b$

✿ $a \leq x \leq \infty$ $[a, \infty)$

Or $a \leq x$

✿ $a \leq x < \infty$ $[a, \infty)$

Or $a \leq x$

✿ $a < x \leq \infty$ (a, ∞)

Or $a < x$

✿ $a < x < \infty$ (a, ∞)

Or $a < x$

✿ $-\infty < x < \infty$

$(-\infty, \infty)$