

Interval	Inequality	Graph
$[a ; b]$ fermé	$a \leq x \leq b$	A horizontal number line with arrows at both ends labeled $-\infty$ and $\infty$ . Two points, $a$ and $b$ , are marked on the line. From $a$ to $b$ , the line is thick and blue, with blue brackets at both ends.
$[a ; b)$ fermé à gauche, ouvert à droite	$a \leq x < b$	A horizontal number line with arrows at both ends labeled $-\infty$ and $\infty$ . Two points, $a$ and $b$ , are marked on the line. From $a$ to $b$ , the line is thick and blue, with a blue bracket at $a$ and a blue bracket at $b$ .
$]a ; b]$ ouvert à gauche, fermé à droite	$a < x \leq b$	A horizontal number line with arrows at both ends labeled $-\infty$ and $\infty$ . Two points, $a$ and $b$ , are marked on the line. From $a$ to $b$ , the line is thick and blue, with a blue bracket at $a$ and a blue bracket at $b$ .
$]a ; +\infty[$	$x > a$	A horizontal number line with arrows at both ends labeled $-\infty$ and $\infty$ . A point $a$ is marked on the line. From $a$ to the right, the line is thick and red, with a red bracket at $a$ .
$[a ; +\infty[$	$x \geq a$	A horizontal number line with arrows at both ends labeled $-\infty$ and $\infty$ . A point $a$ is marked on the line. From $a$ to the right, the line is thick and red, with a red bracket at $a$ .
$] - \infty ; b [$	$x < b$	A horizontal number line with arrows at both ends labeled $-\infty$ and $\infty$ . A point $b$ is marked on the line. From the left to $b$ , the line is thick and red, with a red bracket at $b$ .
$] - \infty ; b ]$	$x \leq b$	A horizontal number line with arrows at both ends labeled $-\infty$ and $\infty$ . A point $b$ is marked on the line. From the left to $b$ , the line is thick and red, with a red bracket at $b$ .