Graphing Inequalities

Open or closed? Left or right?

> greater than

- **Open** circle, shade **right**

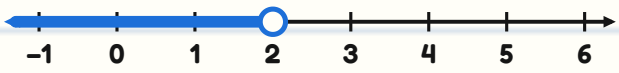
$x > 2$



< less than

- **Open** circle, shade **left**

$x < 2$



≥ greater than or equal to

- **Closed** circle, shade **right**

$x \geq -1$



≤ less than or equal to

- **Closed** circle, shade **left**

$x \leq -1$



Open circle: the number is **not** included. Closed circle: the number **is** included.