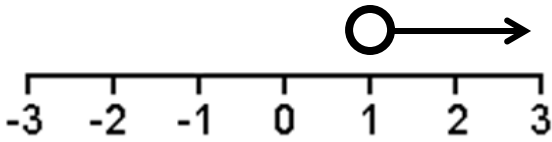


# Inequalities on a Number Line

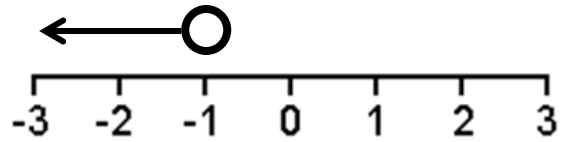
[www.cazoommaths.com](http://www.cazoommaths.com)



$$x > 1$$

x is any number greater than 1

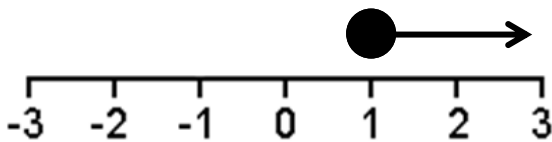
Example integers: 2, 3, 4, 5...



$$x < -1$$

x is any number less than -1

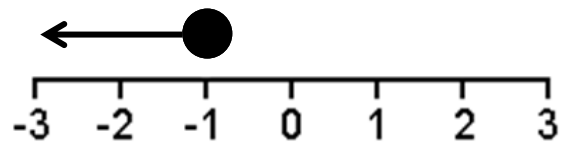
Example integers: -2, -3, -4, -5...



$$x \geq 1$$

x is any number greater than or equal to 1

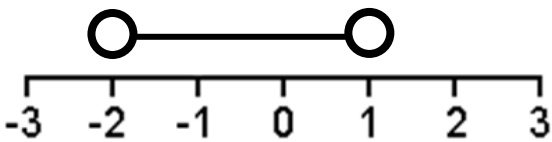
Example integers: 1, 2, 3, 4, 5...



$$x \leq -1$$

x is any number less than or equal to -1

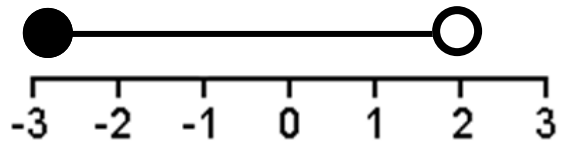
Example integers: -1, -2, -3, -4, -5...



$$-2 < x < 1$$

x is any number greater than -2 and less than 1

Example integers: -1 and 0 only



$$-3 \leq x \leq 2$$

x is any number greater than or equal to -3 and less than or equal to 2

Example integers: -3, -2, -1, 0 and 1 only