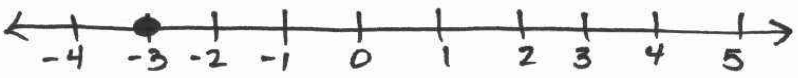
Lesson 1 - Graphing Equalities

Equality → being =, shown by an = sign

Ex. $y = 4$ is a solution (answer) of an equality
- Graph it

* The shaded circle or CLOSED circle shows that's an answer *

Ex. $t = -3$



Lesson 2 - Graphing Inequalities

Inequality → not equal

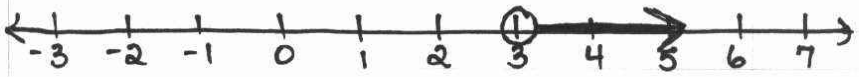
- $>$ — greater than
- $\geq$ — greater than or equal to
- $<$ — less than
- $\leq$ — less than or equal to

● → Closed Circle
↳ a solution to an equality or inequality
$=, \geq, \leq$

○ → Open Circle
↳ NOT a solution to an inequality
$<, >$

Read: $x > 3$ (x is greater than 3)

¿ What #'s are greater than 3?

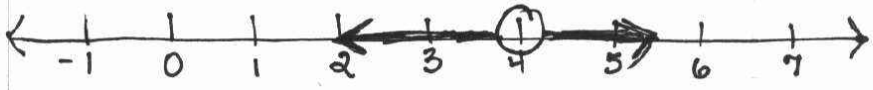


¿ Is 3 a solution? (Why / Why not)

- Open circle on 3
- Draw an arrow in the direction of greater than

$x \neq 4$

↳ can equal anything but 4



* Backwards Inequality *

$5 \geq x$ → Read backwards

↳ "x is less than or equal to 5"