

9/25/18

Be able to solve one-step inequalities  
with adding & subtracting.

(23)

$<$  less than

$>$  greater than

$\leq$  less than or  
equal to

$\geq$  greater than or  
equal to

$=$  equals

$\neq$  not  
equal to

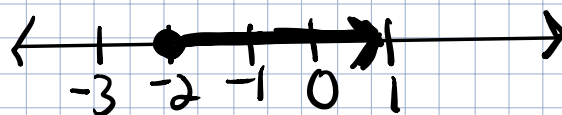
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Graphing inequalities

$$x = -2$$



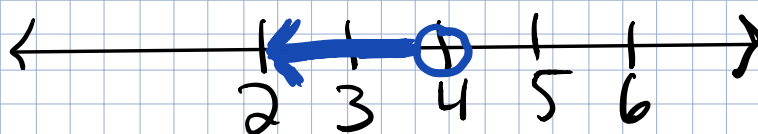
$$x \geq -2 \quad \text{or} \quad -2 \leq x$$



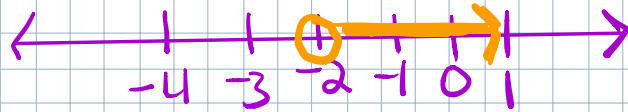
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$$x < 4$$

$$4 > x$$



$$\begin{array}{r} -4 < x - 2 \\ +2 \quad \quad +2 \\ \hline -2 < x \quad \text{or} \quad x > -2 \end{array}$$



Check

$$-4 < 0 - 2$$

$$-4 < -2$$

