

Writing Inequalities (2 ways)



$$x > -3 \quad \text{or} \quad -3 < x$$

Re-write so x is on the right or read from the variable!



$$x \leq -1 \quad \text{or} \quad -1 \geq x$$

reflect



$$x > 3 \quad \text{or} \quad 3 < x$$

reflect



$$x < -8 \quad \text{or} \quad -8 > x$$

reflect



$$x \geq 50 \quad \text{or} \quad 50 \leq x$$

reflect

******* if the variable is on the left - your graph will go to, which ever way the sign is showing!

$$x < 2 \quad x > 5$$

\longleftarrow
 \longrightarrow