- Use same steps as if you were solving an equation
- If you divide both sides of the inequality by a negative number - reverse the inequality sign
- Graph the simplified inequality

Example

Solve and graph the solution $-2(4x+1)<10$

$$-2(4x+1)<10$$
$$-8x-2<10$$
$$+2 \quad +2$$
$$-8x<12$$
$$\underline{-8} \quad \underline{-8}$$
$$x>-\frac{12}{8}$$

(inequality sign reversed - divided both sides by negative number)

Graph $\rightarrow$ $x>-\frac{3}{2}$