## Solving and Graphing Linear Inequalities

A $\qquad$
$\qquad$ describes a region on a coordinate plane that has a boundary line.

The solutions to a linear inequality are the set of points that make the inequality $\qquad$ .

For y < and y > , you use a $\qquad$ line. (Points on the line $\qquad$ solutions.)

For $\mathrm{y} \leq$ and $\mathrm{y} \geq$, you use a $\qquad$ line. (Points on the line $\qquad$ solutions.)

Graph the inequality: $\quad y<\frac{2}{3} x-4$


Graph the inequality: $\quad 8 x-4 y \leq 12$


