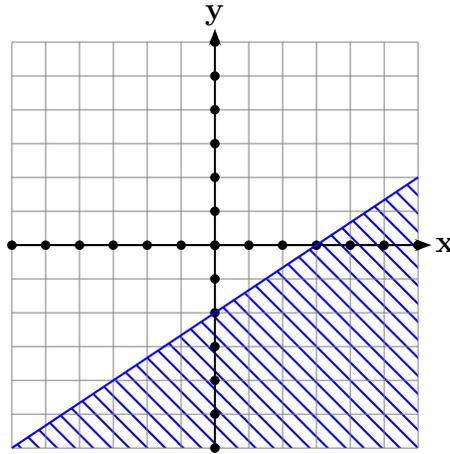


Third Quiz
September 24, 2009

1. Graph the inequality: $x + 2y < 4$

2. If the equation of the line in the following graph is $2x - 3y = 6$, write an inequality that describes the shaded region in the graph below:



3. Solve each of the following inequalities, *algebraically*

(a) $|2x - 3| \leq 5$

(b) $|3x - 4| > 2$