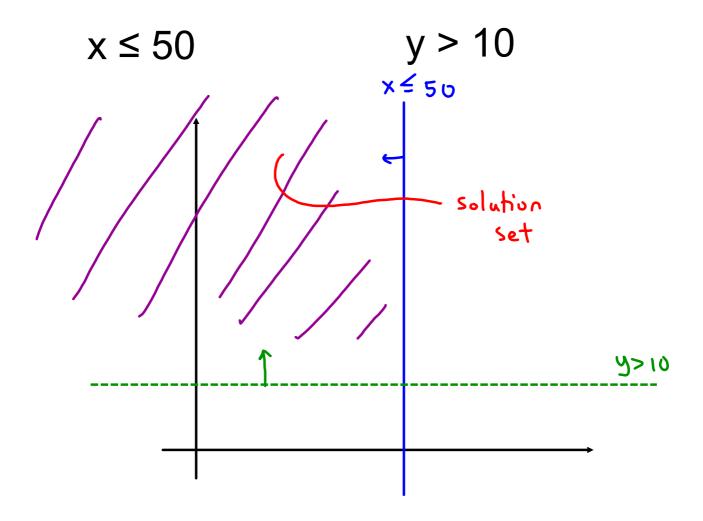
## **Graphing Inequalities**

## Goal:

- to be able to graph linear inequalities
- to determine whether points are included in solution set

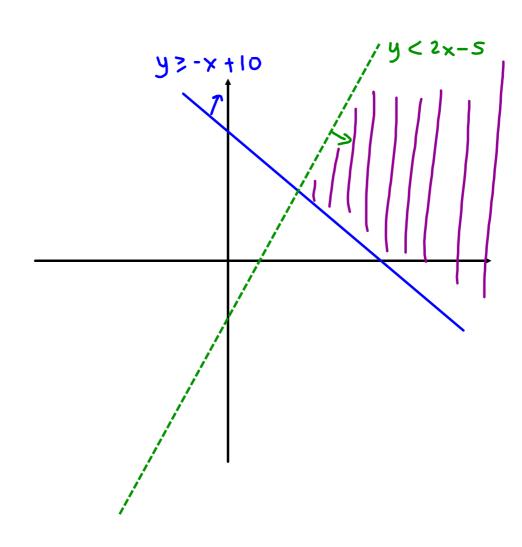
## Graph the following:

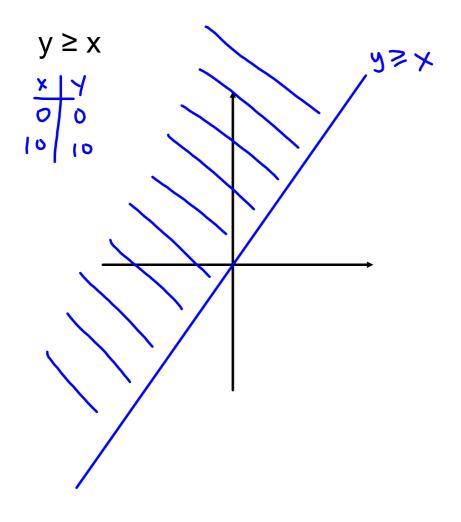


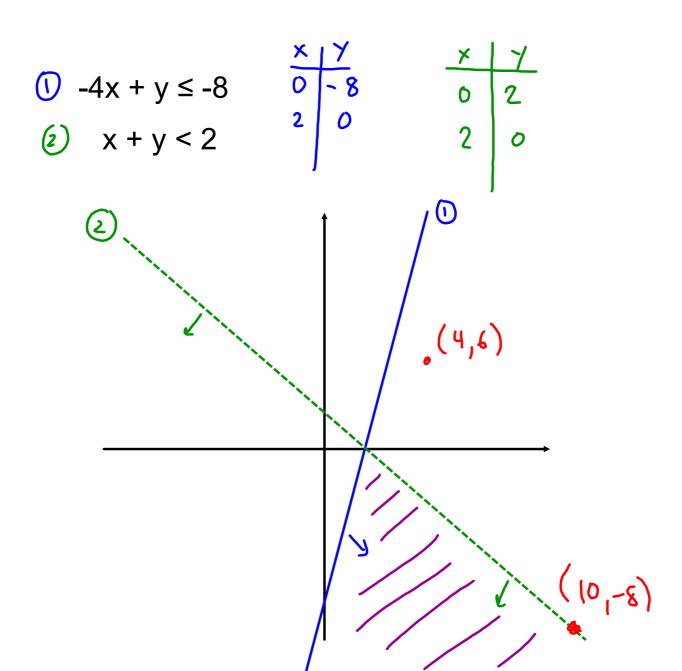
## Graph the following:

$$y \ge -x + 10$$

$$y < 2x - 5$$







Does the point P(4,6) satisfy the inequality  $-4x+y \le -8$ ?