

### 8.7 Systems of Inequalities

In systems of Equations  
we looked at the specific point  
where the lines intersect

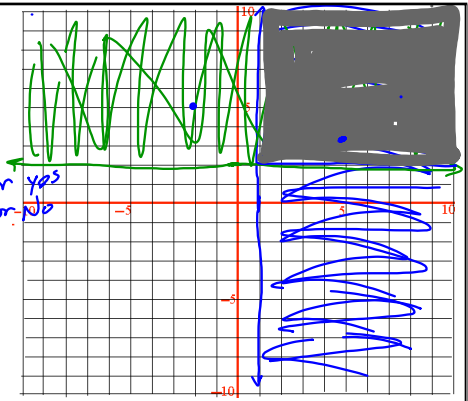
In graphing Inequalities  
we shade

In systems we look for the  
area that is shaded by both

$$x \geq 1$$

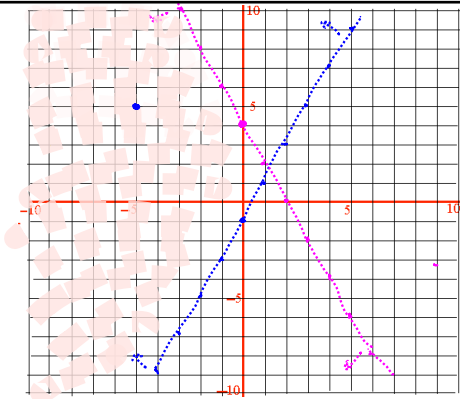
$$y \geq 2$$

Is  
(5,3) a solution  
(-2,5) a solution



$$y > 2x - 1$$

$$y < -2x + 4$$



$$y > 2x - 1$$

$$y \leq -2x + 4$$

