

Quiz

3.

$$x + 2y < 0$$

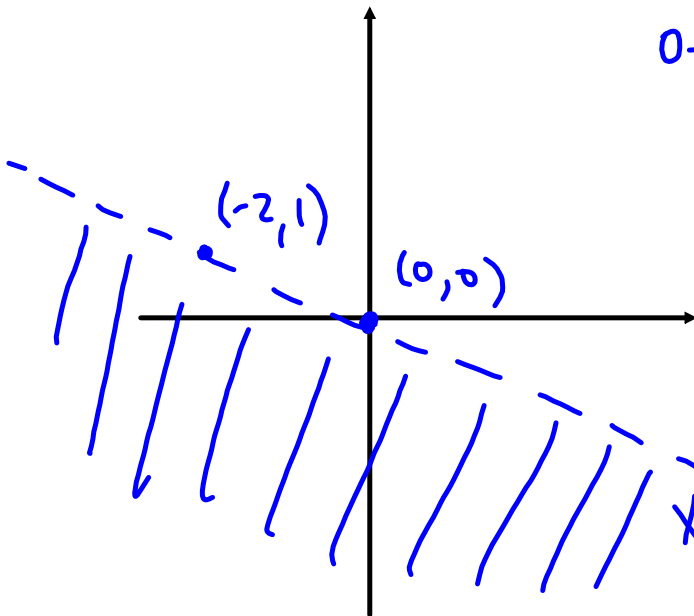
$$x + 2y = 0$$

x	y
0	0
-2	1

$$0 + 2y = 0$$

$$\frac{2y}{2} = \frac{0}{2}$$

$$y = 0$$



$$x + 2(1) = 0$$

$$x + 2 = 0$$

$$x = -2$$

p.21 #4

a)

x: # of hectares of tomatoes

y: # of hectares of potatoes

$$x + y \leq 40 \quad \textcircled{1}$$

$$x \leq 20 \quad \textcircled{2}$$

$$y \leq 2x$$

$$\left. \begin{array}{l} x \geq 0 \\ y \geq 0 \end{array} \right\} \text{non-negative constraints}$$

