

Sep 24, 2012

Example 2

Write equation of the Vertical line through $(-3, 8)$

$$x = -3$$

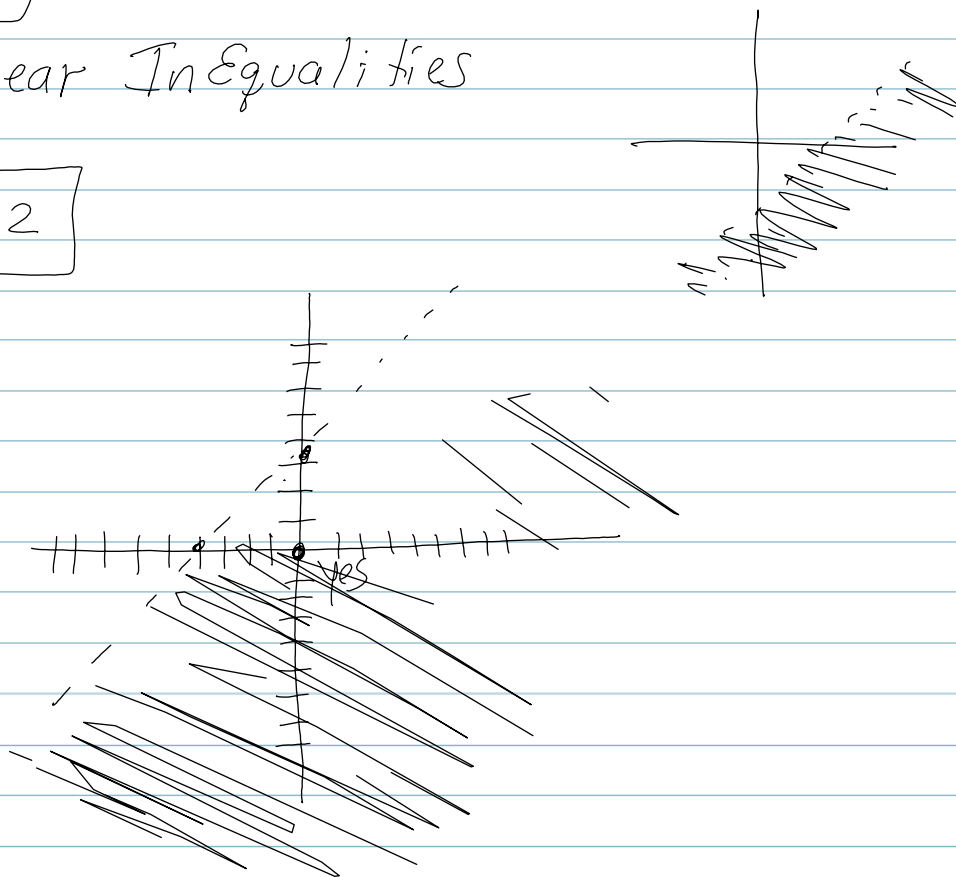
Section 3.7

Graphing Linear Inequalities

$$3x - 4y > -12$$

x	y
0	3
-4	0

dotted
→



test

$$\begin{aligned} & (0, 0) \\ & 3x - 4y > -12 \\ & 3(0) - 4(0) > -12 \\ & 0 > -12 \\ & \text{yes} \end{aligned}$$

$$\begin{aligned} & (-4, 2) \\ & 3(-4) - 4(2) > -12 \\ & -12 - 8 > -12 \\ & -20 > -12 \quad \text{NO} \end{aligned}$$