Mastery Algebra 1 Practice Mastery Quiz 6-5 Name: KEY

Per: ____

6-5 Solve Linear Inequalities

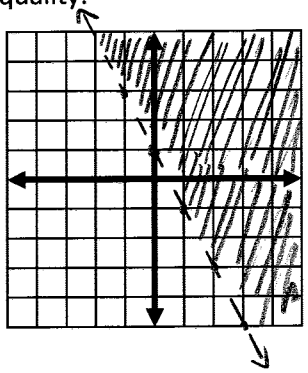
Graph each linear inequality:

1. $y > -2x + 1$

Check: (0,0)

$0 > -2(0) + 1$

$0 \not> 1$ No!

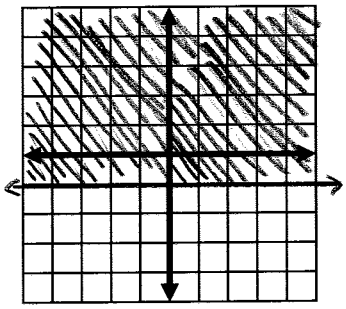


(2)

2. $y \geq -1$

Check (0,0)

$0 \geq -1$ ✓

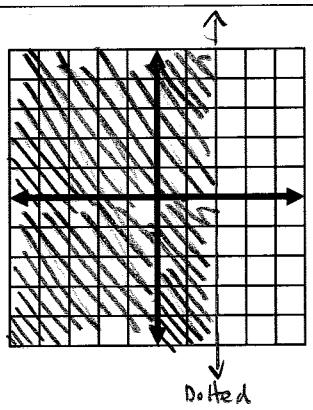


(2)

3. $x < 2$

Check (0,0)

$0 < 2$ ✓



(2)

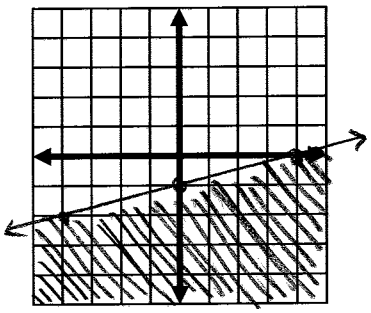
4. $x - 4y \geq 4$

$-x \quad -x$

$-4y \geq -x + 4$

$-4 \quad -4 \quad -4$

$y \leq \frac{1}{4}x - 1$



Check (0,0)

$x - 4y \geq 4$

$0 - 0 \geq 4$

$0 \not\geq 4$ No!

(4)