

Day 2 - Naming Linear Inequalities - Notes

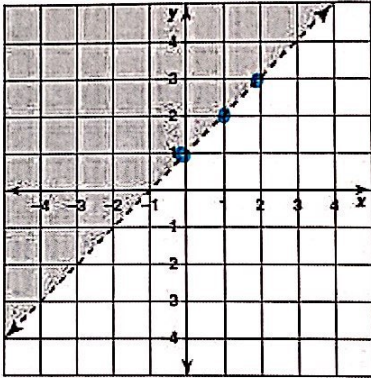
Learning Target: I can create a linear inequality from a graph.

What information do you need to look at to name a linear inequality from a graph?

- Slope
- y-intercept
- type of line
- shading

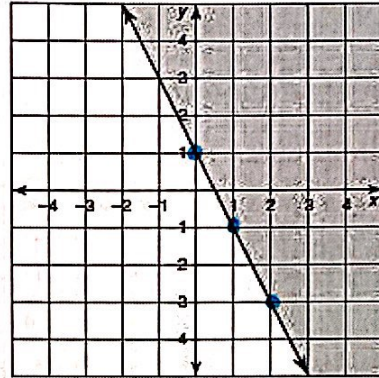
Practice: Name each linear inequality from the graph:

a. $y > x + 1$



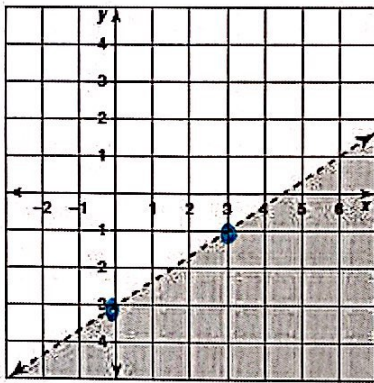
Shaded above
dashed line $\triangleright >$

b. $y \geq -2x + 1$



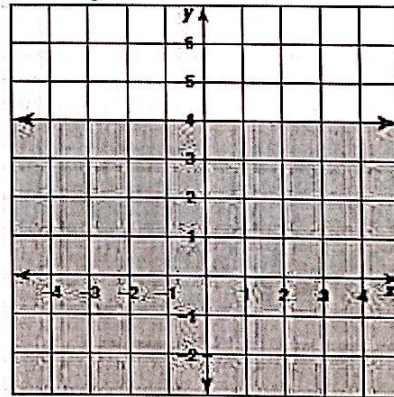
Shaded above
solid line $\triangleright \geq$

c. $y < \frac{2}{3}x - 3$



Shaded below
dashed line $\triangleright <$

d. $y \leq 4$



Shaded below
solid line $\triangleright \leq$