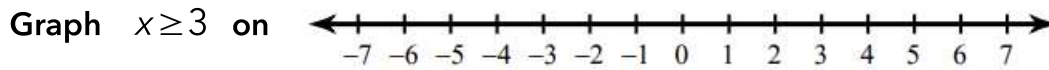


# Lines: Lesson 8

## Linear Inequalities: Notes

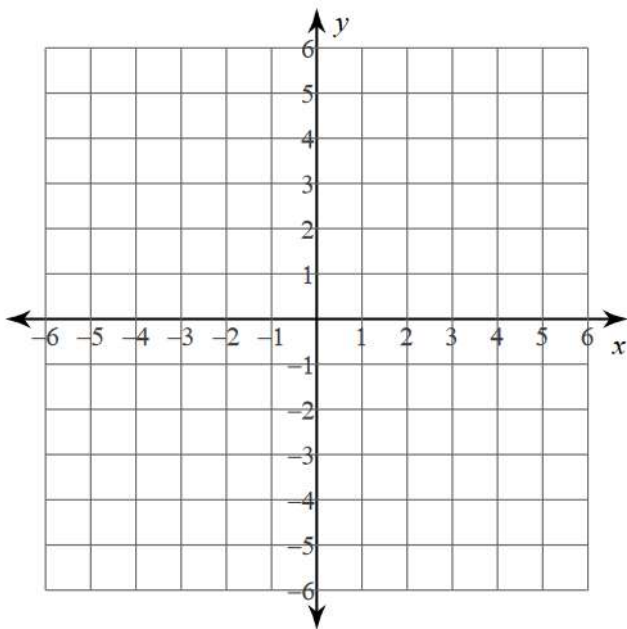
Name: \_\_\_\_\_



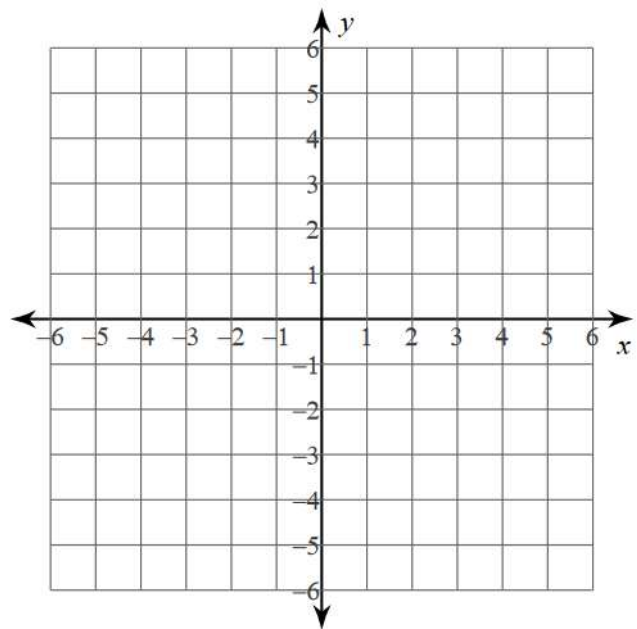
### Steps to graph a linear inequality:

1. Turn the equation into \_\_\_\_\_ . (Keep \_\_\_\_\_ .)
2. Plot the \_\_\_\_\_ intercept and next \_\_\_\_\_ .
3. Draw a \_\_\_\_\_ ( \_\_\_\_\_ , \_\_\_\_\_ ) or \_\_\_\_\_ ( \_\_\_\_\_ , \_\_\_\_\_ ) line.
4. \_\_\_\_\_ above ( \_\_\_\_\_ , \_\_\_\_\_ ) or below ( \_\_\_\_\_ , \_\_\_\_\_ ) the line.

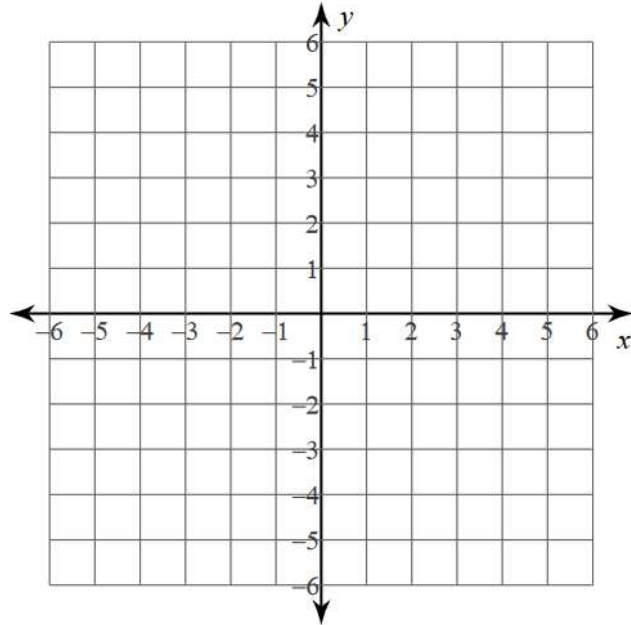
Graph  $y > 3x - 1$



Graph  $2x - y \geq 3$



Graph  $x \geq 3$



Graph  $y > -x + 4$  and  $y \leq 2x - 1$

