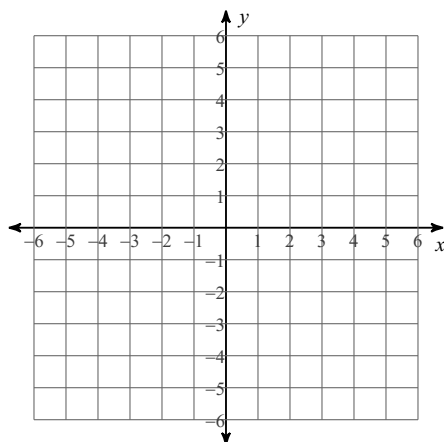


4.1 Linear Inequalities #2

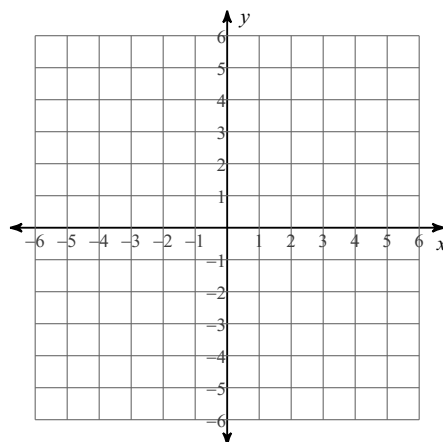
Date _____ Period _____

Sketch the graph of each linear inequality using slope and intercept AND identify a point in the solution set.

1) $3x - y \geq -3$

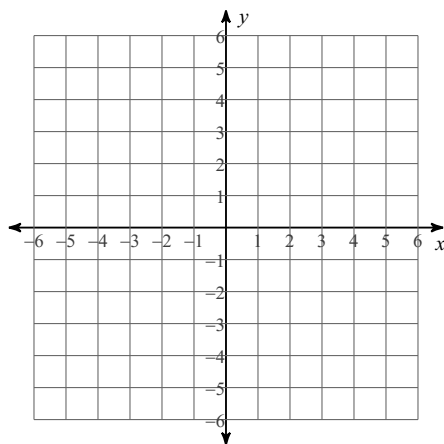


2) $2x + y \geq 1$

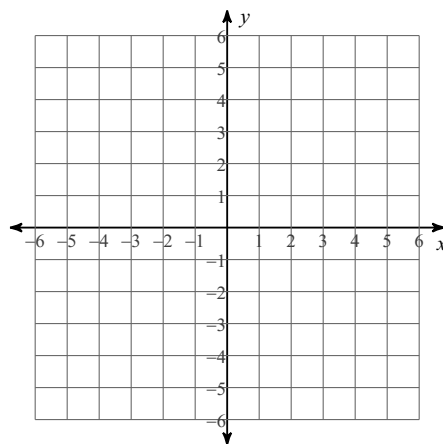


Create a table of values for each line, then graph of each linear inequality.

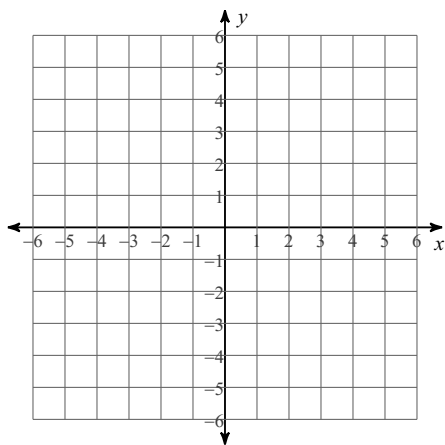
3) $x + y < 1$



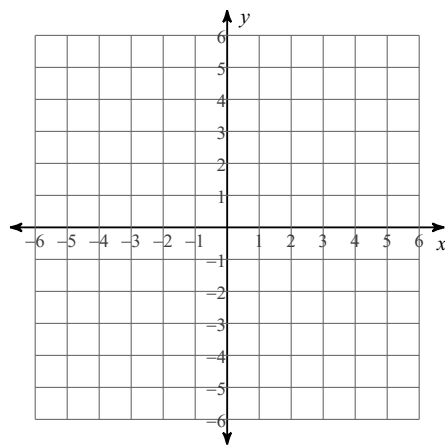
4) $x + y > 4$



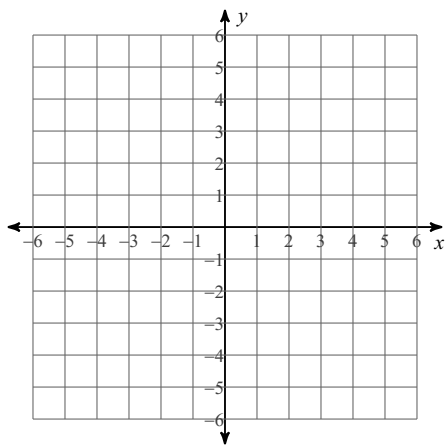
5) $9x - 4y \geq -20$



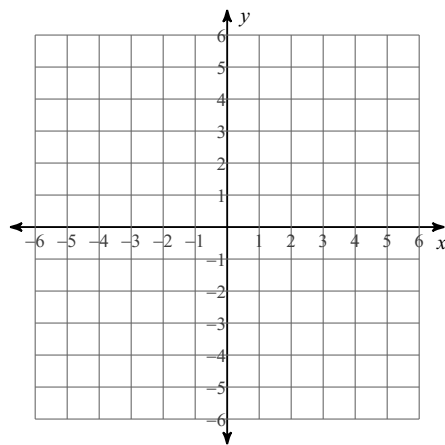
6) $x + y \leq -3$



7) $x \geq 0$



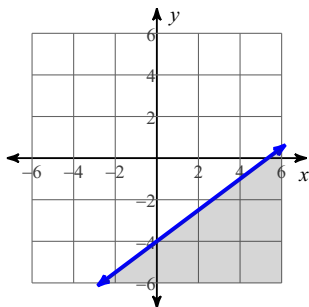
8) $2x + 5y \geq 10$



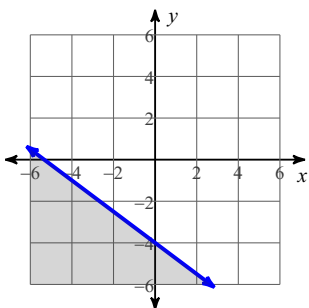
Determine which graph shows the given linear inequality. Show all work that helped you determine your answer.

9) $3x + 4y \leq -16$

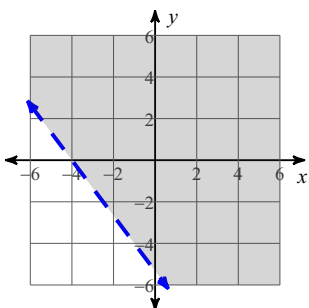
A)



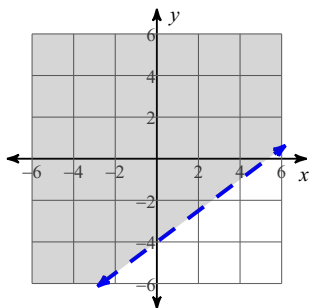
B)



C)

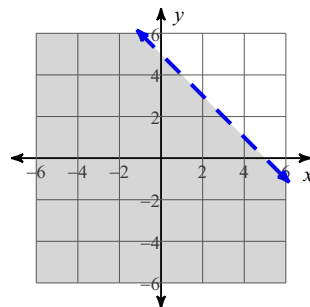


D)

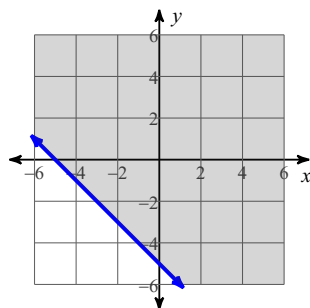


10) $x - y \geq -5$

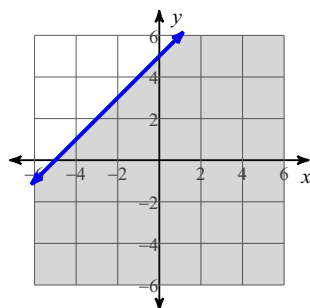
A)



B)



C)



D)

