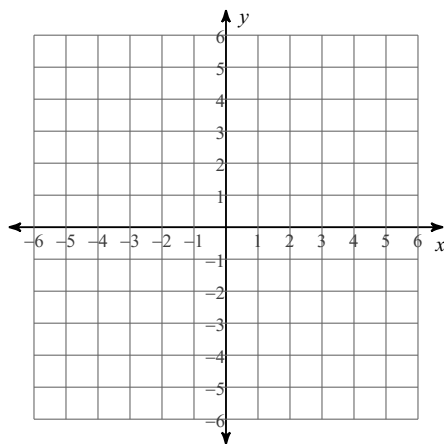


4.1 Linear Inequalities #1

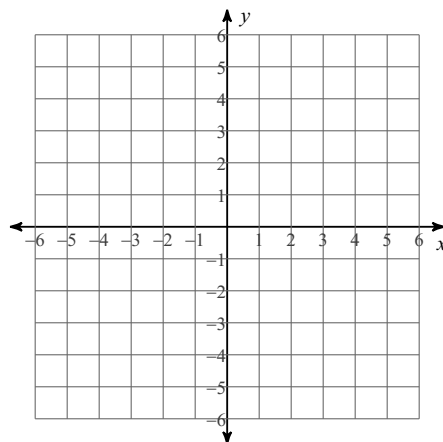
Date _____ Period _____

Graph each inequality using slope and y-intercept.

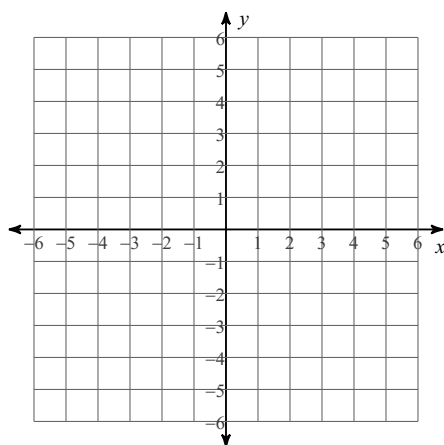
1) $y \geq -x$



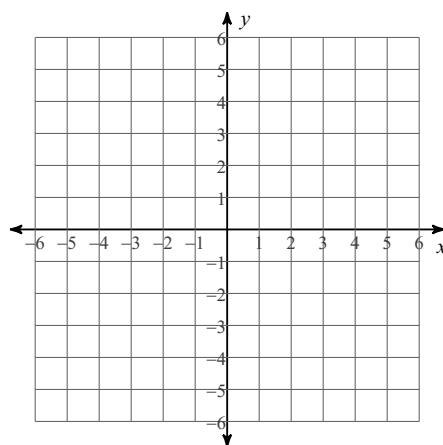
2) $y < -\frac{5}{2}x - 5$



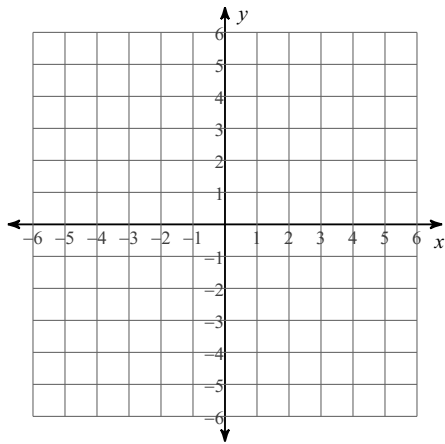
3) $x - y < -4$



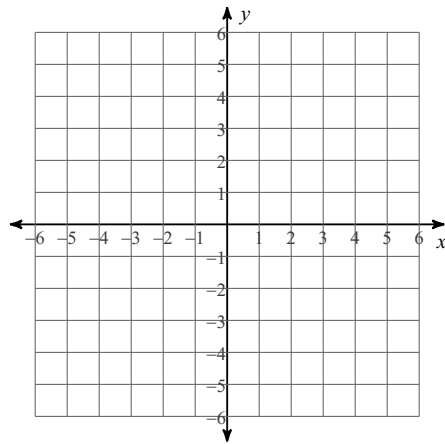
4) $2x - y \leq -2$



5) $y \leq -5$

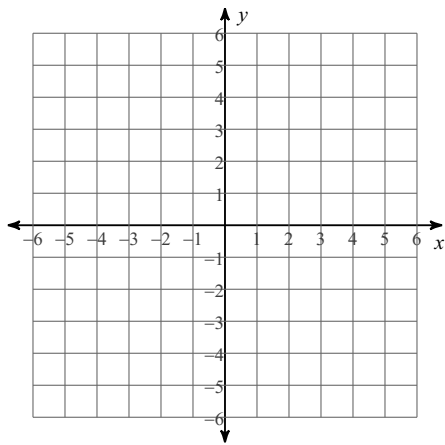


6) $x > 0$

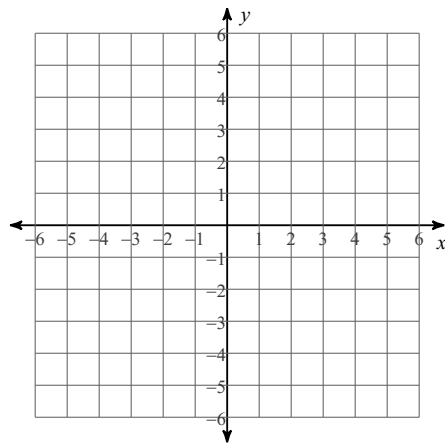


Rewrite each inequality in slope-intercept form and graph. Identify a point in the solution set.

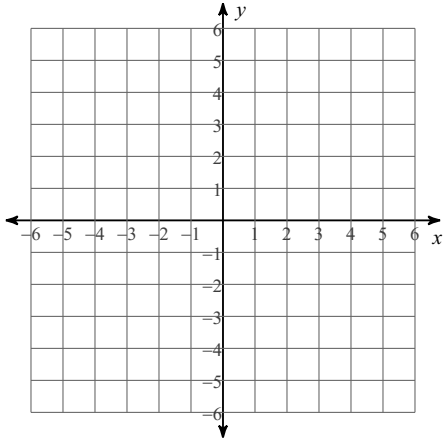
7) $5x - 4y > 0$



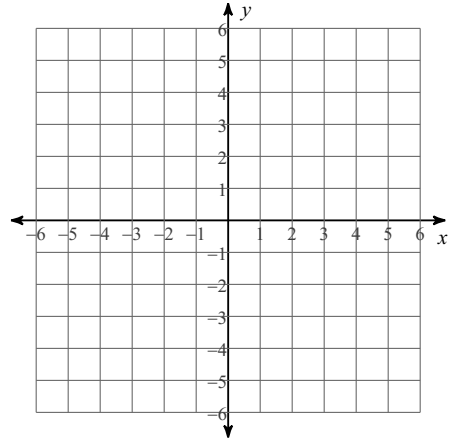
8) $x - 4y \geq 12$



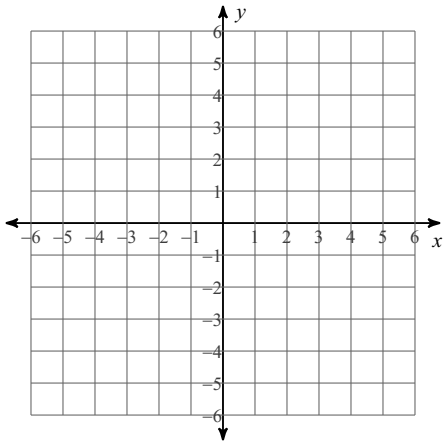
9) $8x - 3y \geq -9$



10) $x - y > 4$



11) $5x + 2y > 10$



12) $2x + 5y \leq 5$

