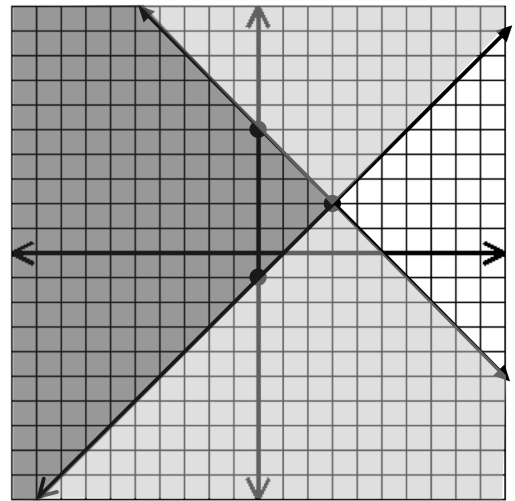


NAME _____ DATE _____ PER. _____

GRAPHING SYSTEMS OF INEQUALITIES

Determine whether each point is a solution to the system of inequalities graphed below.

1) _____	(0, 0)
2) _____	(-1, 4)
3) _____	(2, 5)
4) _____	(.5, -1)
5) _____	(3, 2)

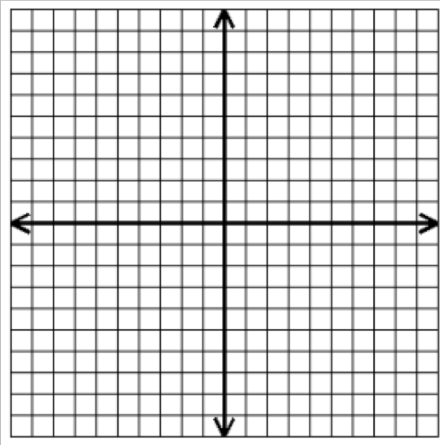


Graph each system of inequalities.

6) $x > 5$ $y \leq 4$	7) $y < 0$ $x \geq 0$
8) $y < -3$ $x - y > 1$	9) $y < 2x + 3$ $y < -x + 1$

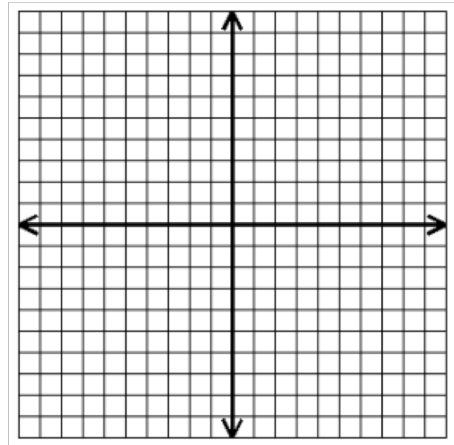
10) $x + 4y < 8$

$3x - y \geq 4$



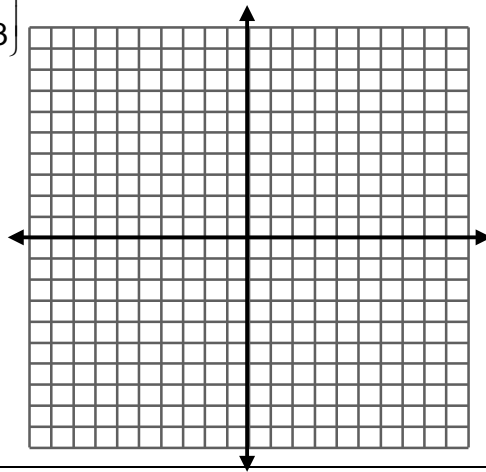
11) $3x - 5y \geq -10$

$4x - 2y \leq 10$



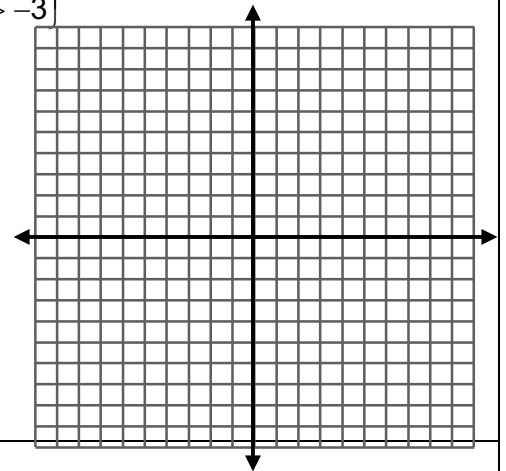
12.

$$\begin{cases} x - 3y \geq -1 \\ 4x - 2y \leq 1 \\ x > -3 \end{cases}$$



13.

$$\begin{cases} 2x - 3y > -6 \\ 5x - 3y < 3 \\ x + 3y > -3 \end{cases}$$



14.

$$\begin{cases} x + y \leq 4 \\ x + y \geq -1 \\ x - y \geq -2 \\ x - y \leq 2 \end{cases}$$

