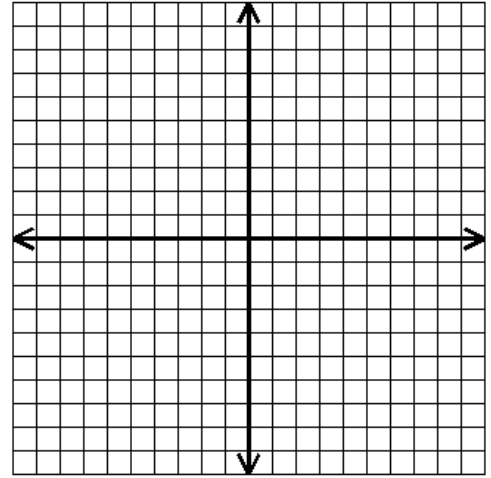


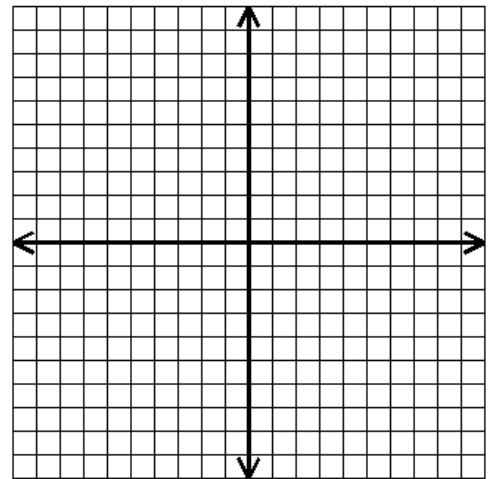
## GRAPHING SYSTEMS OF INEQUALITIES - DAY 2

Graph the following systems of linear inequalities.

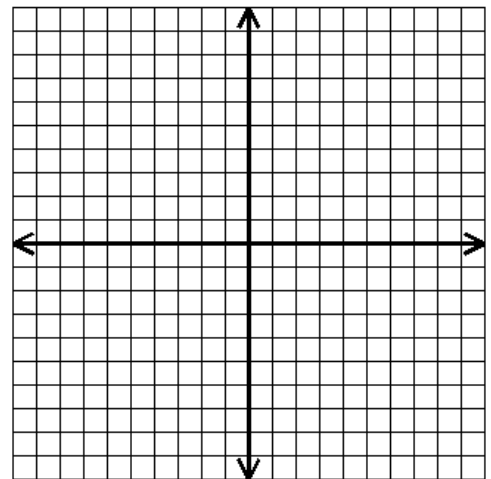
1)  $y > \frac{3}{2}x - 9$   
 $x - y \geq 4$



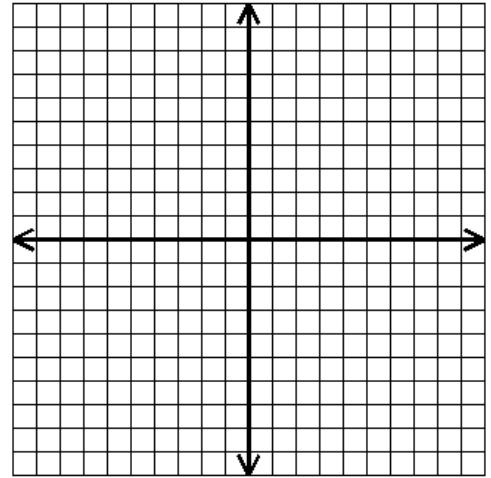
2)  $x - 3y < 6$   
 $2x - 6y > -6$



3)  $-3x + 6y < 24$   
 $2x - 5y \geq 30$



4)  $x \geq -3$   
 $y < 5$   
 $x - 3y > -9$



5) Tell whether the ordered pair is a solution to the system of inequalities.

(2, 1)       $-3x + 2y > -4$   
 $x + y > 3$

(-3, -10)

$x - y \leq 7$

$3x - y \geq -19$