

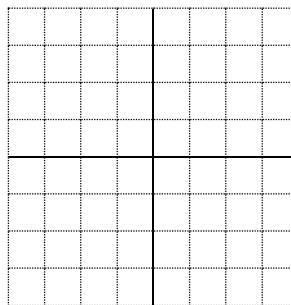
Lesson 21 Systems of Linear Inequalities

Steps to Follow:

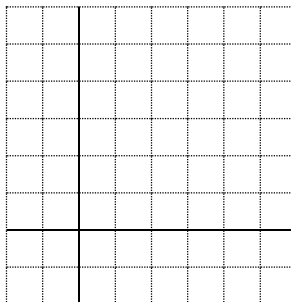
1. Graph each individual inequality separately
2. The final solution is the overlap of the two graphs

Example: Graph the solution to the system of linear inequalities.

1.
$$\begin{cases} x \geq 3 \\ y < -2 \end{cases}$$



2.
$$\begin{cases} y > 2x - 5 \\ 3x + 4y < 12 \end{cases}$$



3.
$$\begin{cases} y \geq -x + 2 \\ 2x + 4y < 4 \end{cases}$$

