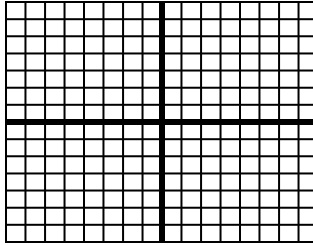


Math IB
Systems of Inequalities

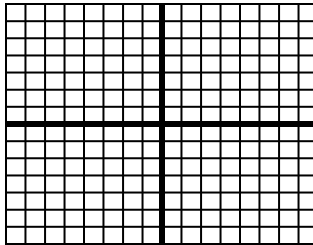
Name: _____
Date: _____
Period: _____

Graph the set of linear equations on the same number line. Don't forget to SHADE. Where you're shading overlaps in the solution area. Make that section darker. You may want to use colored pencils or highlighters.

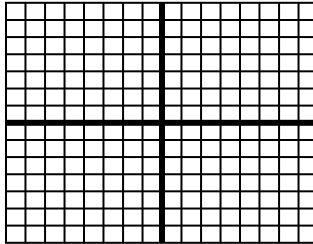
1.
$$\begin{cases} y \leq -x + 4 \\ y \geq x + 2 \end{cases}$$



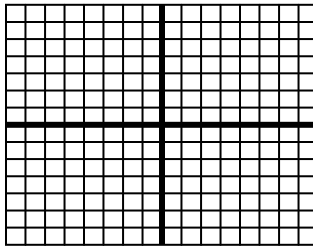
2.
$$\begin{cases} y > -2 \\ x < 1 \end{cases}$$



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



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



5.
$$\begin{cases} y \leq x - 1 \\ y \leq 4x + 2 \end{cases}$$

