

Solving a System of Three Inequalities by Graphing

Name _____

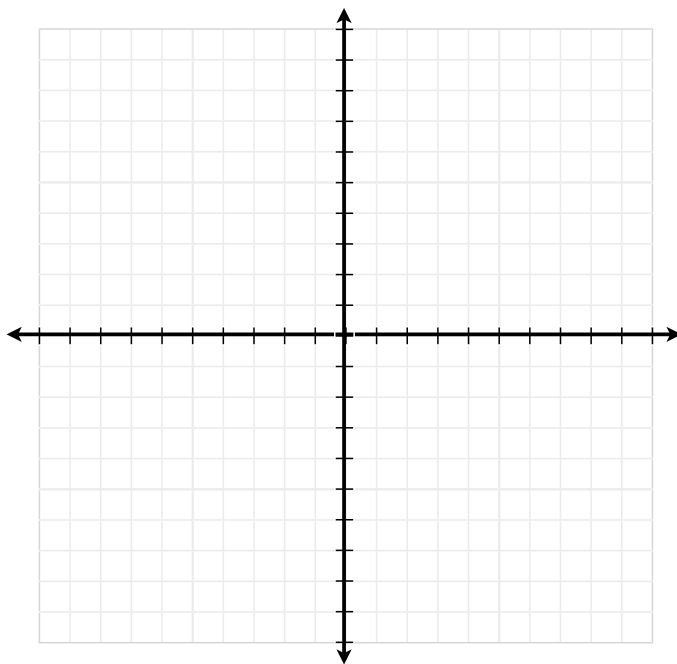
Date _____ Period _____

Solve the following system of inequalities

$$y \geq -1$$

$$y \leq -x + 8$$

$$y \leq x + 8$$



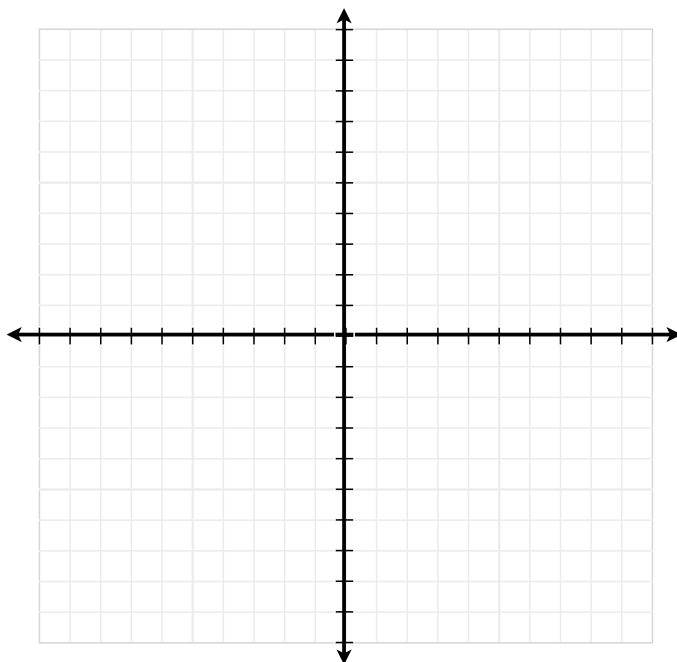
Solve the following system of inequalities

$$x \geq -2$$

$$x \leq 2$$

$$y \leq 2x + 5$$

$$y \geq 2x - 5$$



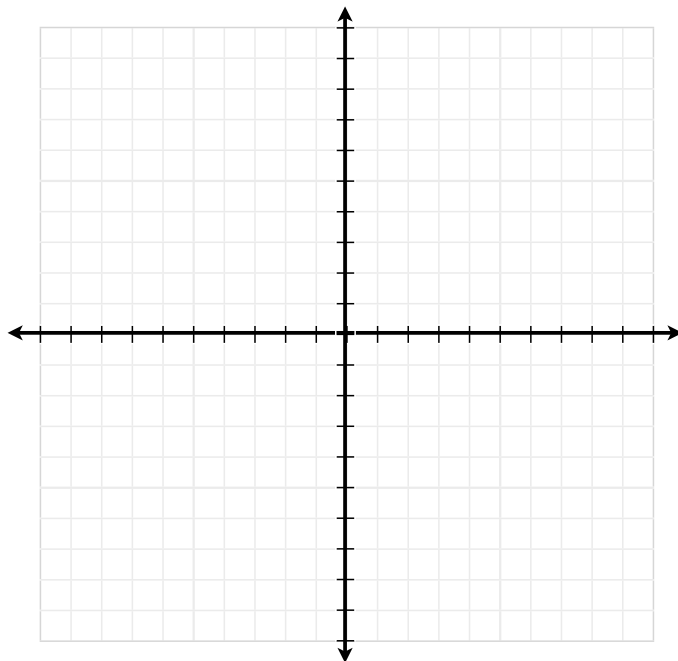
Solve the following system of inequalities

$$x + y \leq 3$$

$$x + y \geq -3$$

$$x - y \geq -3$$

$$x - y \leq 3$$



Write the system of inequalities given the following graph.

