

Module 5 – Systems of Linear Equations and Inequalities

Lesson 2 – Graphs of Systems of Linear Inequalities

Name _____

Graph and solve each system of linear inequalities

1.
$$\begin{cases} x + y \leq 4 \\ 3x - y \leq 7 \end{cases}$$

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

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

4.
$$\begin{cases} x + y \geq 4 \\ 2x - y \geq 8 \end{cases}$$

5.
$$\begin{cases} 2x + 3y \leq 6 \\ 5x + y \leq 5 \end{cases}$$