

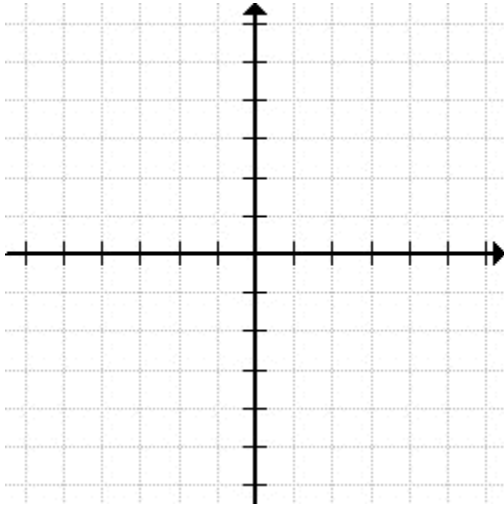
MAT 150 – Homework 22
Section 6.7

NAME _____

Directions: Show all work and write your final answer in the space provided.

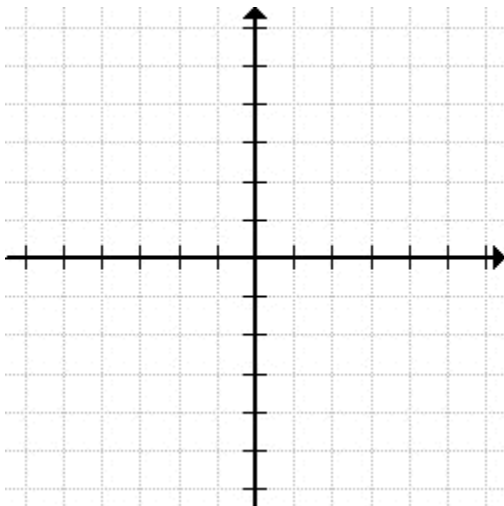
$$4x - y \geq 2$$

1. Graph the system of inequalities: $x + 2y \geq 2$



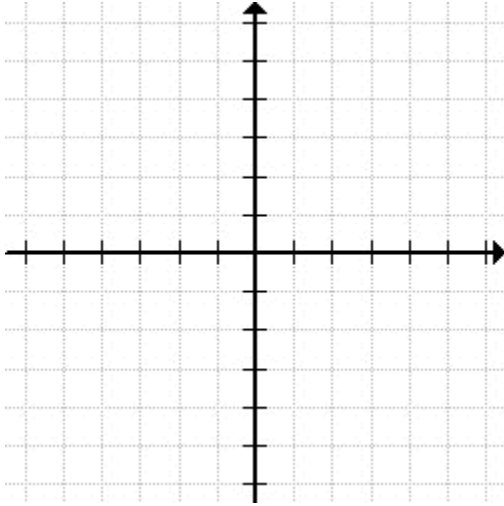
$$x^2 + y^2 \geq 9$$

2. Graph the system of inequalities: $x + y \leq 3$



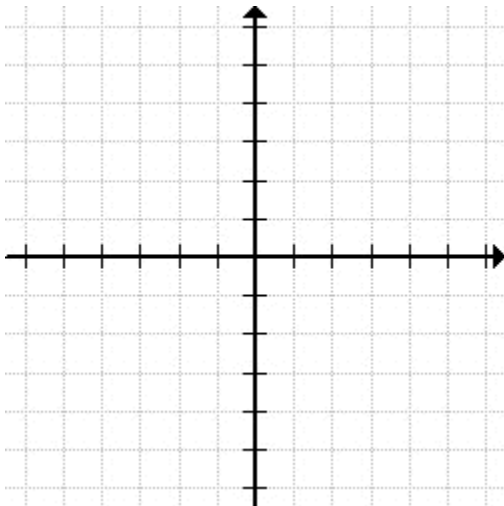
$$x - 4y \leq 4$$

3. Graph the system of inequalities: $x - 4y \geq 0$



$$y + x^2 \leq 1$$

4. Graph the system of inequalities: $y \geq x^2 - 4$



$$x^2 + y^2 \leq 25$$

5. Graph the system of inequalities: $y \leq x^2 - 5$

