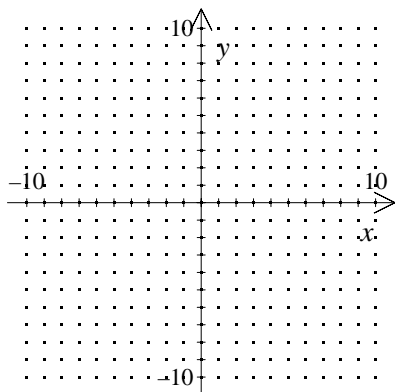


P.I. A.G.7: Graph and solve systems of linear equations with rational coefficients in two variables

1. Solve the system graphically.

$$y = 4x + 6$$

$$y = x + 3$$

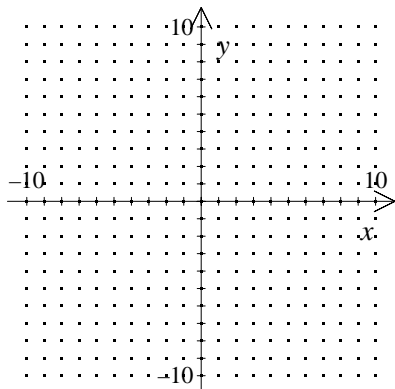


[1]

2. Solve the system graphically.

$$y = x + 1$$

$$y = -2x - 5$$



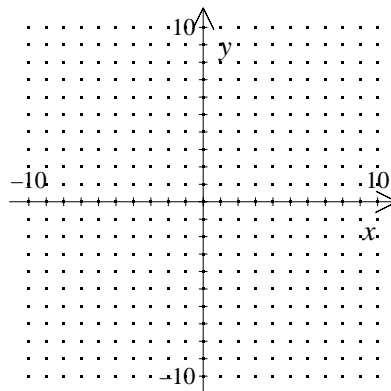
[2]

NAME: _____

3. Solve the system graphically.

$$y = -4x + 10$$

$$y = 3x - 4$$

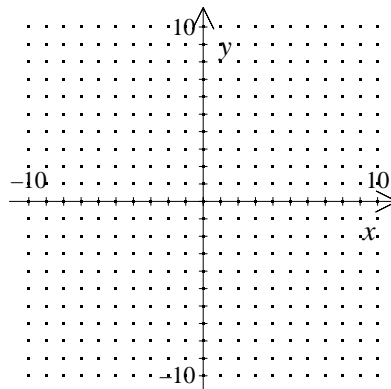


[3]

4. Solve the system graphically.

$$y = -x$$

$$y = -4x + 3$$

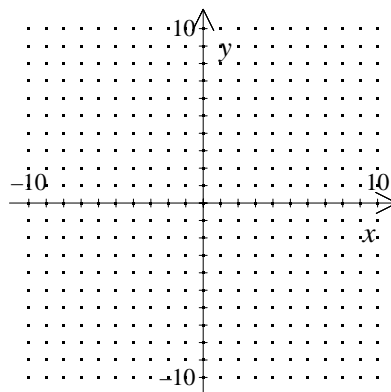


[4]

5. Solve the system graphically.

$$y = 3x - 1$$

$$y = 2x$$



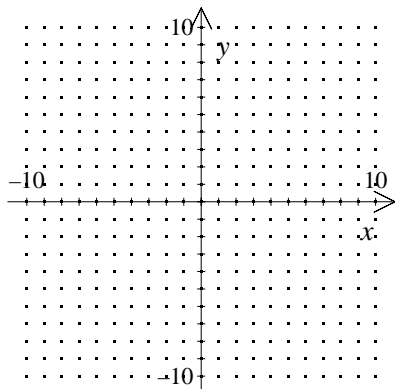
[5]

NAME: _____

6. Solve the system graphically.

$$y = 2x - 5$$

$$y = -4x + 7$$

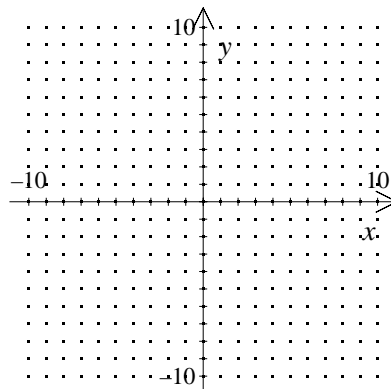


[6] _____

9. Solve the system graphically.

$$y = 4x + 7$$

$$y = -x - 3$$

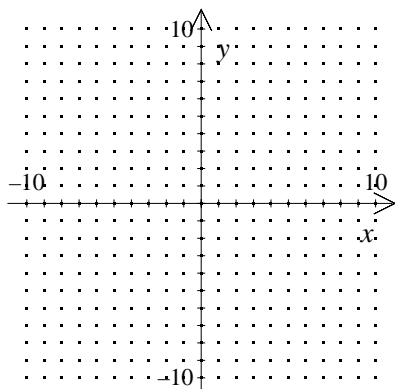


[9] _____

7. Solve the system graphically.

$$y = -x - 4$$

$$y = 3x + 4$$

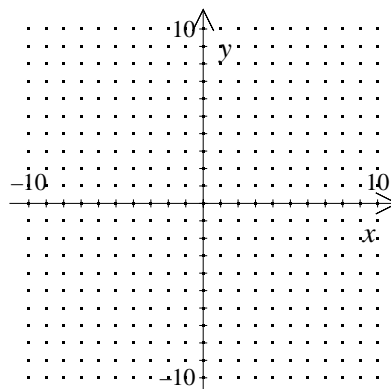


[7] _____

10. Solve the system graphically.

$$y = 2x + 4$$

$$y = x + 3$$

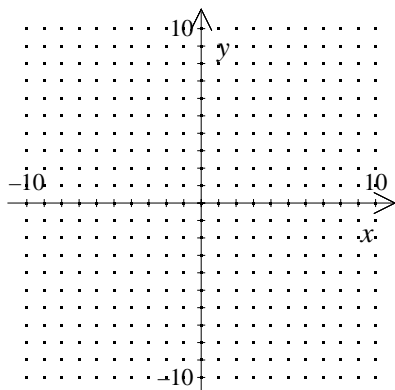


[10] _____

8. Solve the system graphically.

$$y = -3x + 2$$

$$y = 2x - 3$$

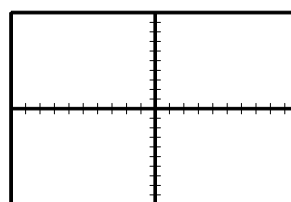


[8] _____

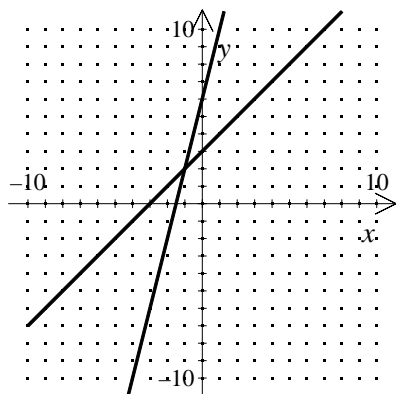
11. Use a graphing calculator to solve the system of linear equations below by graphing. Sketch the graph on your paper.

$$y = \frac{1}{4}x - 2$$

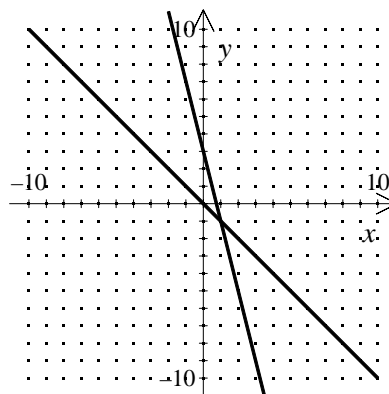
$$y = -\frac{1}{2}x + 1$$



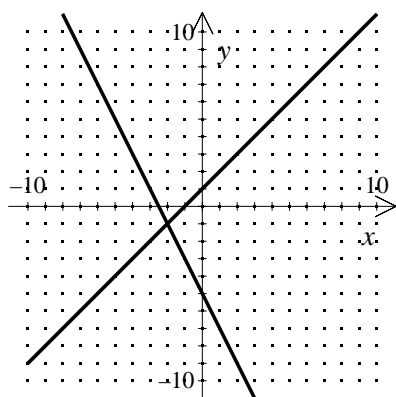
[11] _____



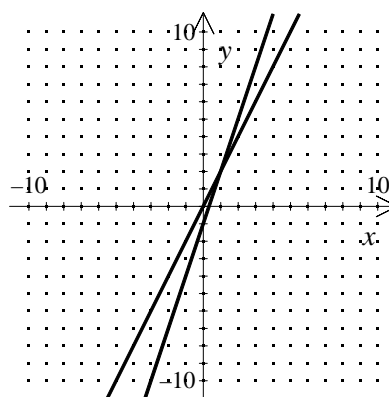
[1] $(-1, 2)$



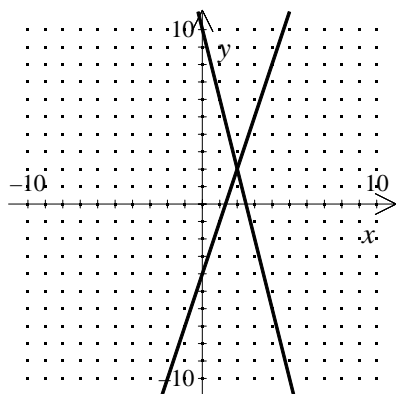
[4] $(1, -1)$



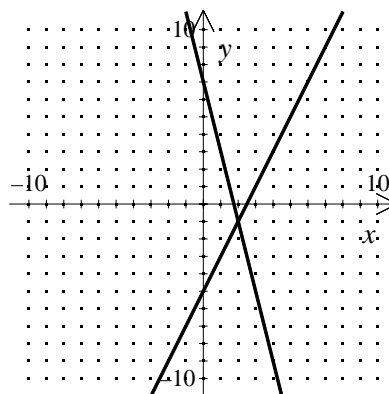
[2] $(-2, -1)$



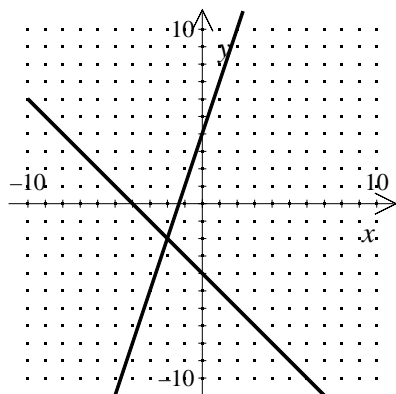
[5] $(1, 2)$



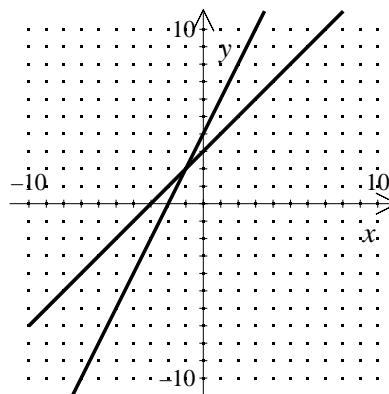
[3] $(2, 2)$



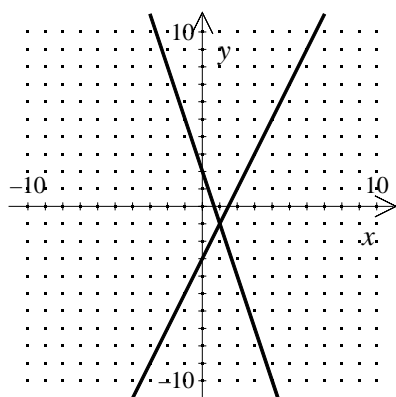
[6] $(2, -1)$



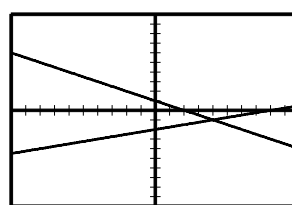
[7] $(-2, -2)$



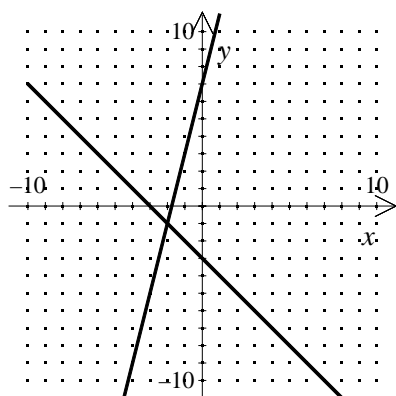
[10] $(-1, 2)$



[8] $(1, -1)$



[11] $(4, -1)$



[9] $(-2, -1)$
