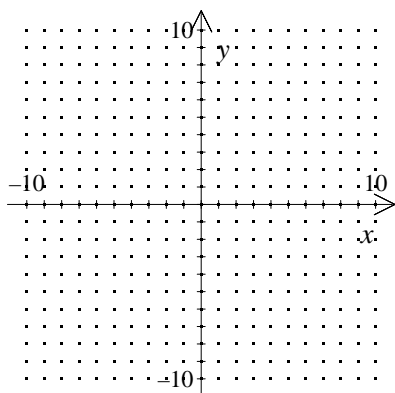


*P.I. A.G.7: Graph and solve systems of linear equations and inequalities with rational coefficients in two variables*

1. Solve the system graphically.

$$y = 4x + 6$$

$$y = x + 3$$

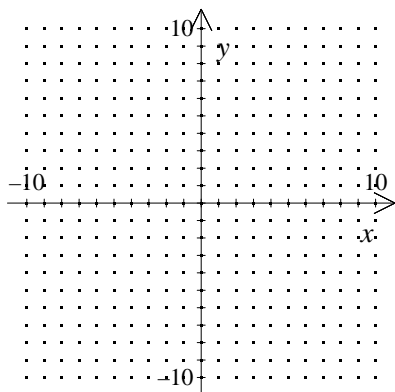


[1] \_\_\_\_\_

2. Solve the system graphically.

$$y = x + 1$$

$$y = -2x - 5$$

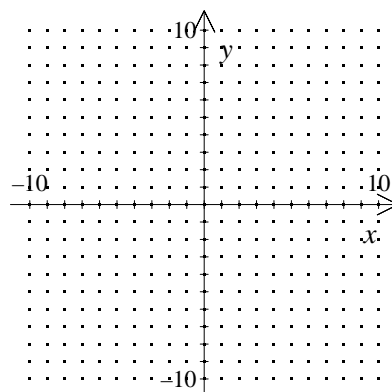


[2] \_\_\_\_\_

3. Solve the system graphically.

$$y = -4x + 10$$

$$y = 3x - 4$$

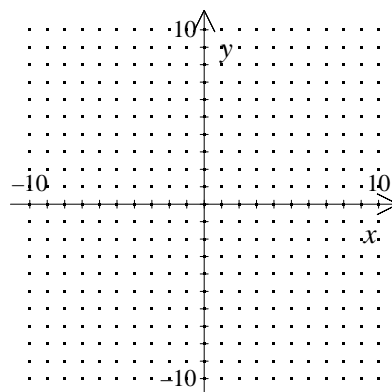


[3] \_\_\_\_\_

4. Solve the system graphically.

$$y = -x$$

$$y = -4x + 3$$

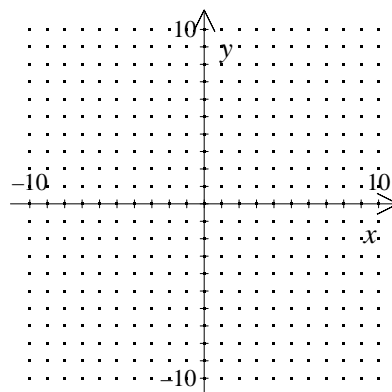


[4] \_\_\_\_\_

5. Solve the system graphically.

$$y = 3x - 1$$

$$y = 2x$$



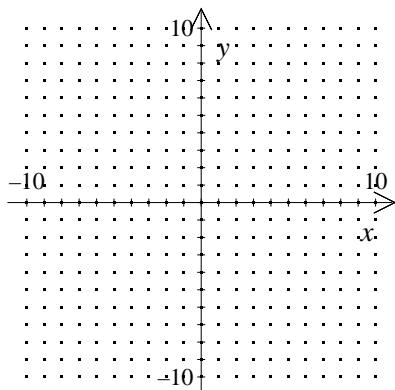
[5] \_\_\_\_\_

NAME: \_\_\_\_\_

6. Solve the system graphically.

$$y = 2x - 5$$

$$y = -4x + 7$$

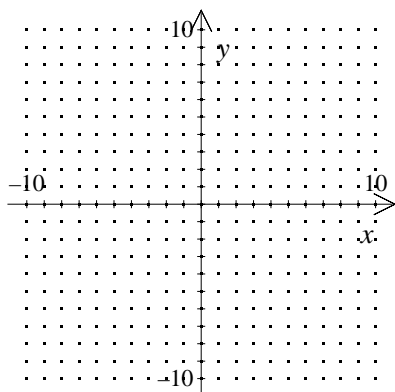


[6] \_\_\_\_\_

7. Solve the system graphically.

$$y = -x - 4$$

$$y = 3x + 4$$

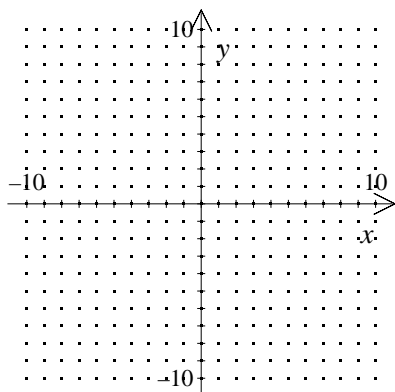


[7] \_\_\_\_\_

8. Solve the system graphically.

$$y = -3x + 2$$

$$y = 2x - 3$$

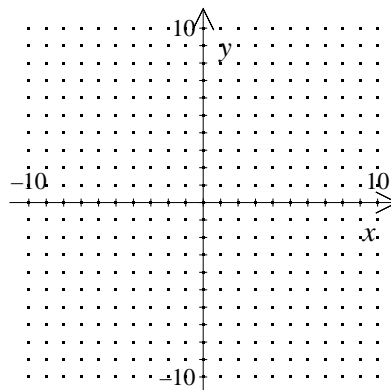


[8] \_\_\_\_\_

9. Solve the system graphically.

$$y = 4x + 7$$

$$y = -x - 3$$

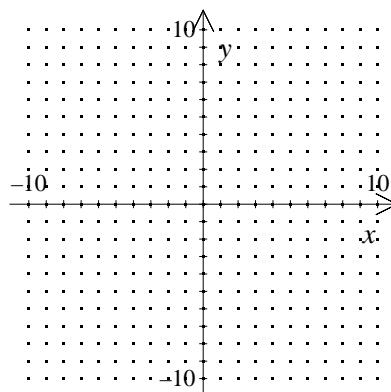


[9] \_\_\_\_\_

10. Solve the system graphically.

$$y = 2x + 4$$

$$y = x + 3$$

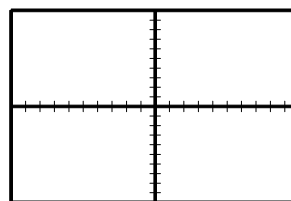


[10] \_\_\_\_\_

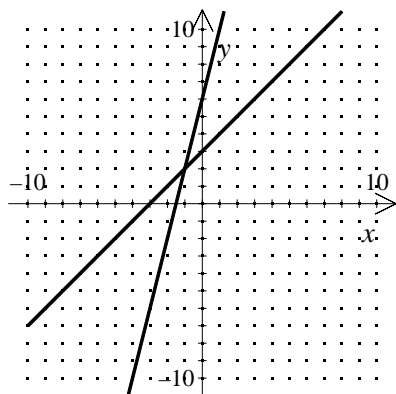
11. Use a graphing calculator to solve the system of linear equations below by graphing. Sketch the graph on your paper.

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

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

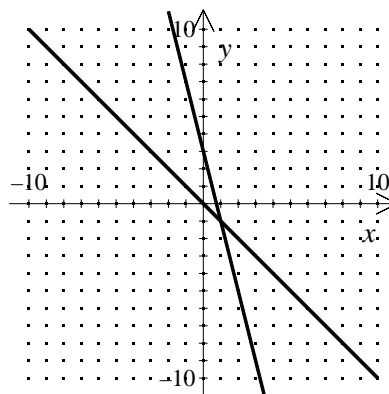


[11] \_\_\_\_\_



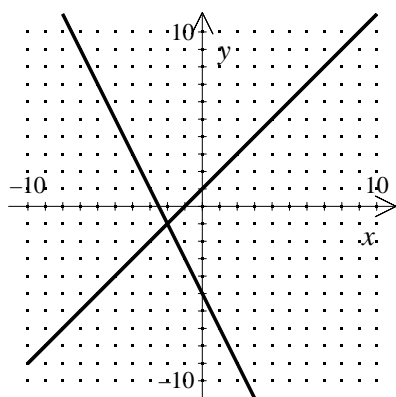
[1]  $(-1, 2)$

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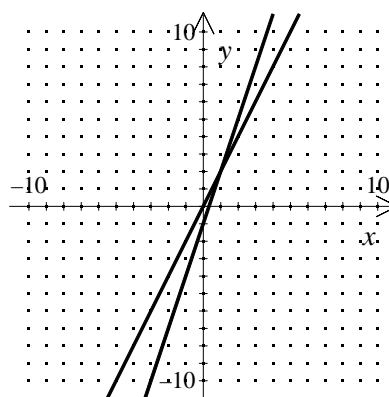
[4]  $(1, -1)$

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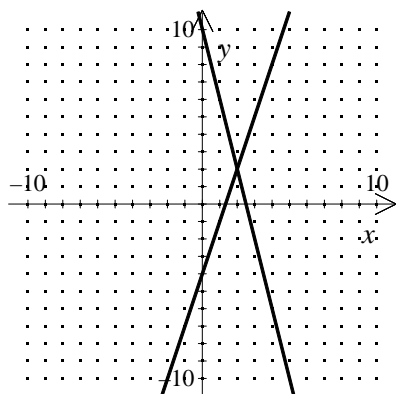
[2]  $(-2, -1)$

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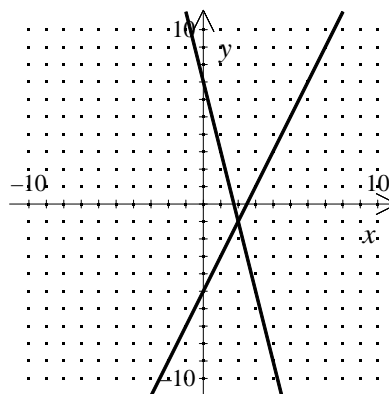
[5]  $(1, 2)$

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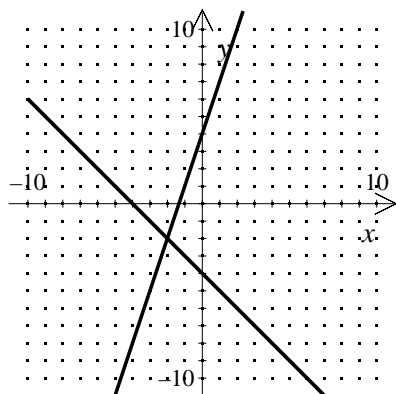
[3]  $(2, 2)$

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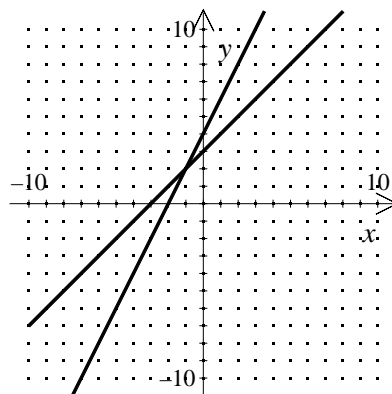


[6]  $(2, -1)$

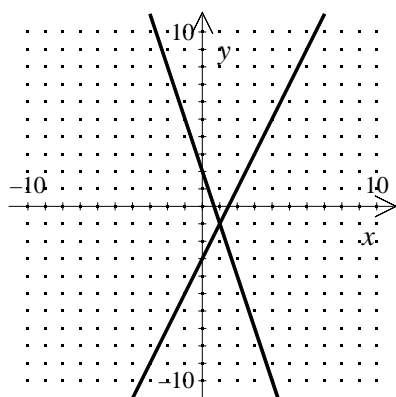
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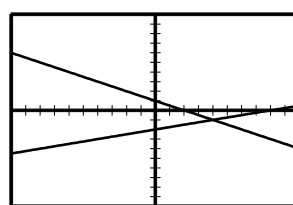
[7]  $(-2, -2)$



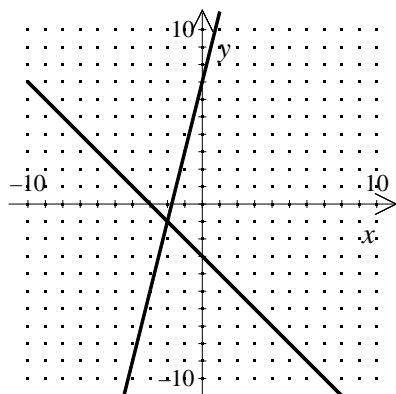
[10]  $(-1, 2)$



[8]  $(1, -1)$



[11]  $(4, -1)$



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