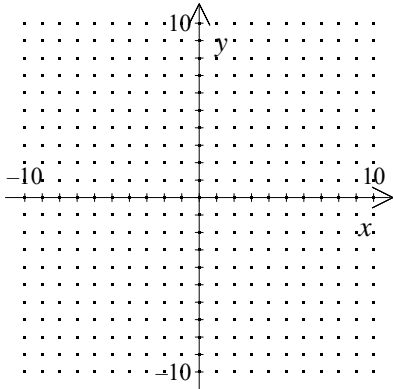


1. Solve the system graphically:

$$y \leq -x + 2$$

$$y < -1$$

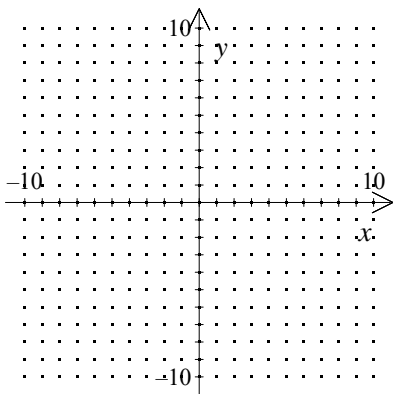


[1] _____

2. Solve the system graphically:

$$y \leq 2x + 1$$

$$y > -2$$

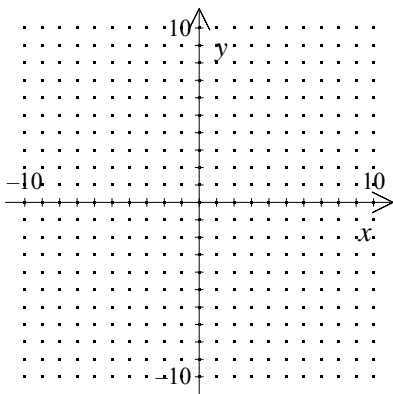


[2] _____

3. Solve the system graphically:

$$y \geq x + 1$$

$$y > -1$$

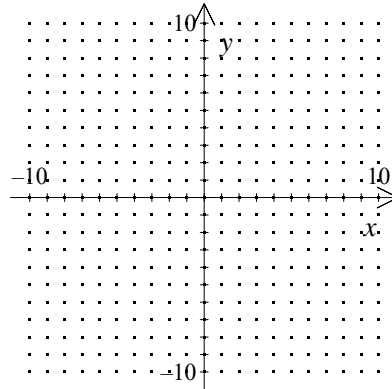


[3] _____

4. Solve the system graphically:

$$y \geq 2x - 2$$

$$y \leq -x - 3$$

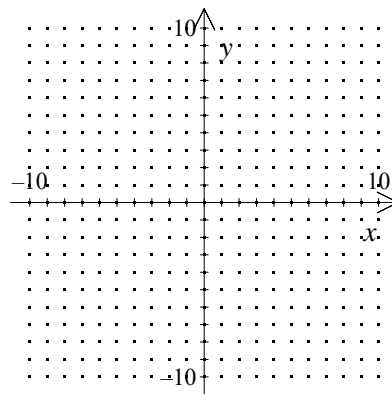


[4] _____

5. Solve the system graphically:

$$y \geq 2x - 5$$

$$y \leq -x - 8$$

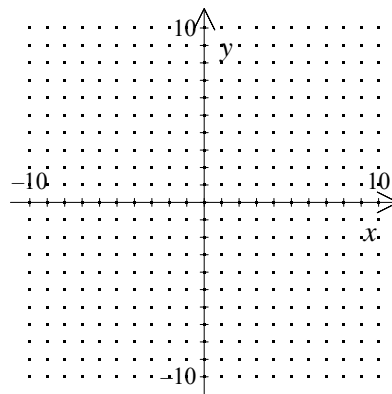


[5] _____

6. Solve the system graphically:

$$y \geq -x + 4$$

$$y \leq 2x + 2$$

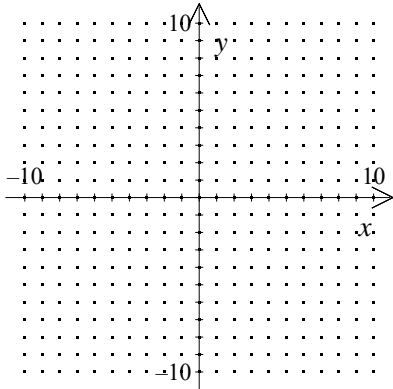


[6] _____

7. Solve the system graphically:

$$y \geq 2x - 5$$

$$y \leq -x - 6$$

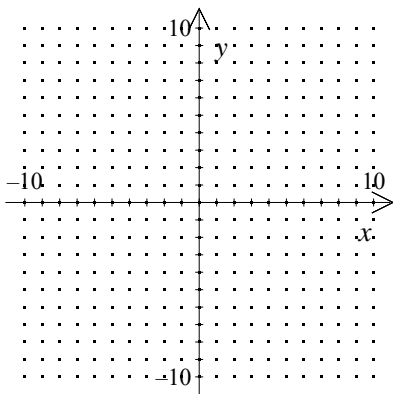


[7] _____

8. Solve the system graphically:

$$y \geq 2x + 1$$

$$y \leq -x + 4$$

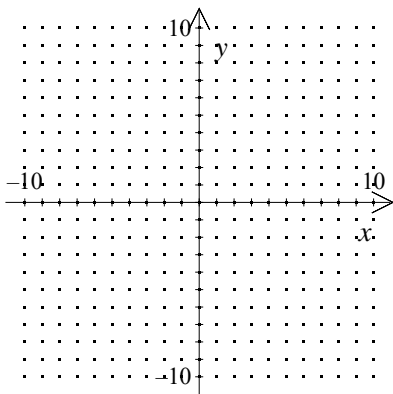


[8] _____

9. Solve the system graphically:

$$y \geq x - 3$$

$$y \leq -2x - 4$$

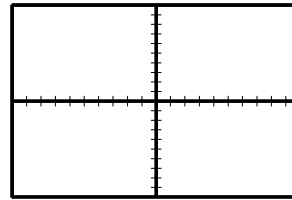


[9] _____

10. Use the Shade feature of a graphing calculator to graph the system of linear inequalities below. Sketch the graph on your paper.

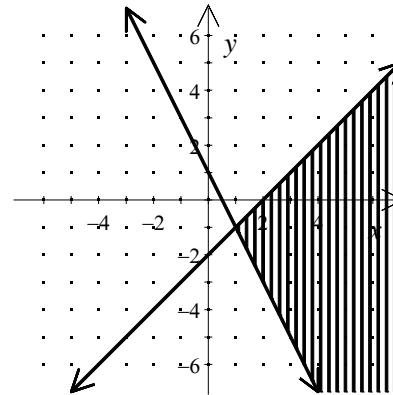
$$y \geq x + 2$$

$$y \leq -x - 2$$



[10] _____

11. Which system of inequalities describes the graph?



[A] $y \geq -2x + 1$
 $y \leq x - 2$

[B] $y \leq -2x + 1$
 $y > x - 2$

[C] $y \leq -2x + 1$
 $y \geq x - 2$

[D] $y < -2x + 1$
 $y \geq x - 2$

[E] $y > -2x + 1$
 $y \leq x - 2$

[11] _____

12. Which point is in the solution set of

$$y < 2x + 1$$

$$y \leq -3x + 4$$

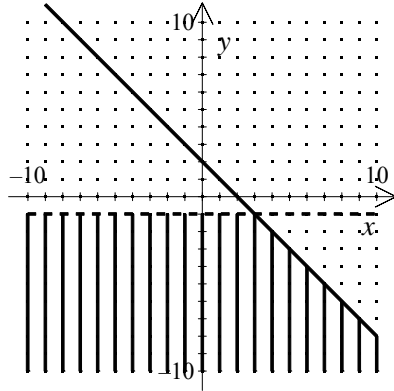
[A] (1, 1)

[B] (1, 2)

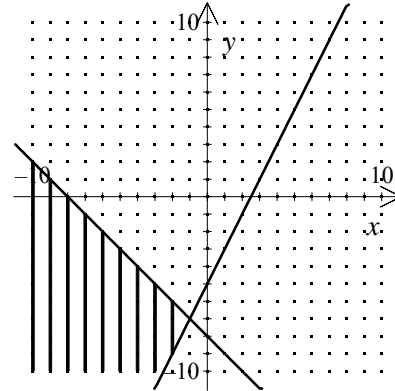
[C] (1, 3)

[D] none of these

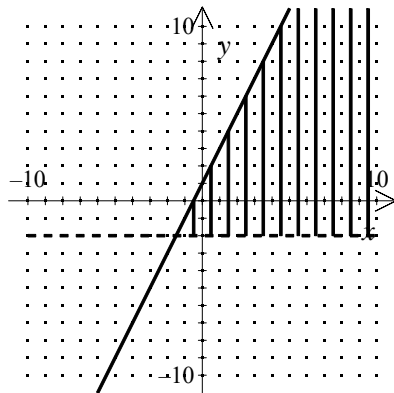
[12] _____



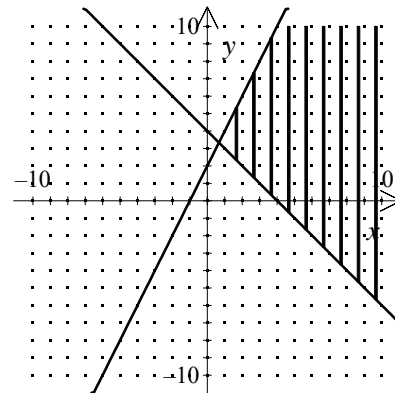
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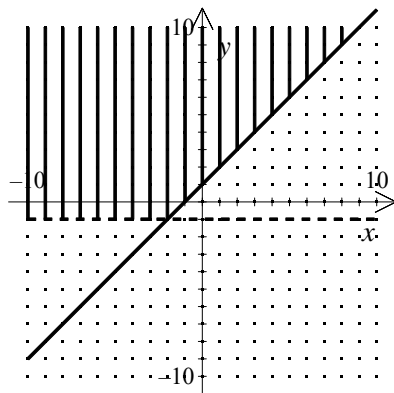
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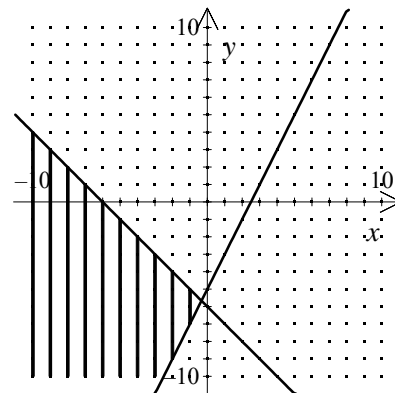
[2]



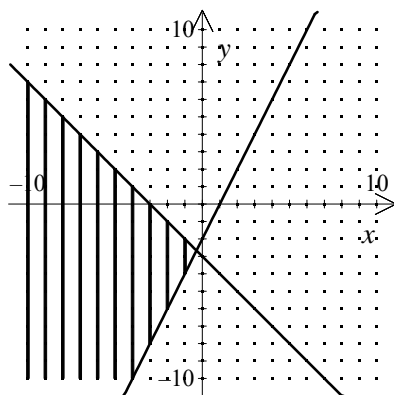
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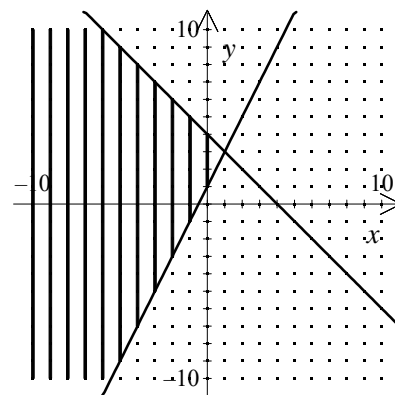
[3]



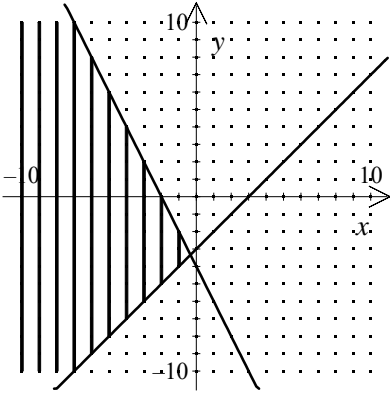
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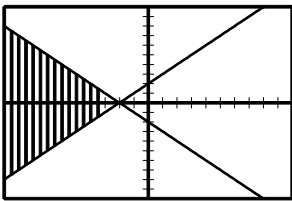
[4]



[8]



[9]



[10]

[11] A _____

[12] A _____