Algebra I Practice A.REI.C.6: Graphing Linear Systems 1

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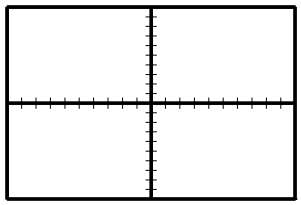
NAME:_____

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

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

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

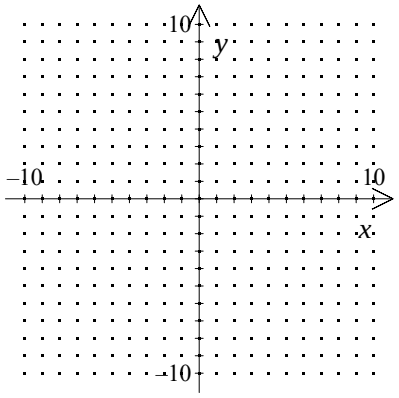


[1] _____

2. Solve the system graphically.

y = $4x + 6$

y = $x + 3$

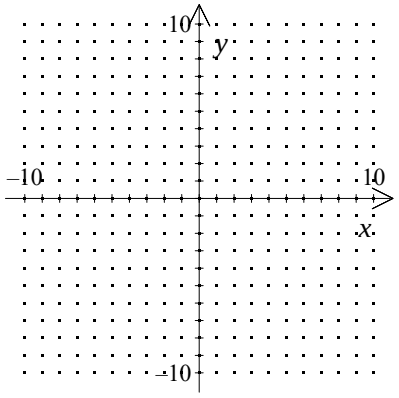


[2] _____

3. Solve the system graphically.

y = $x + 1$

y = $-2x - 5$

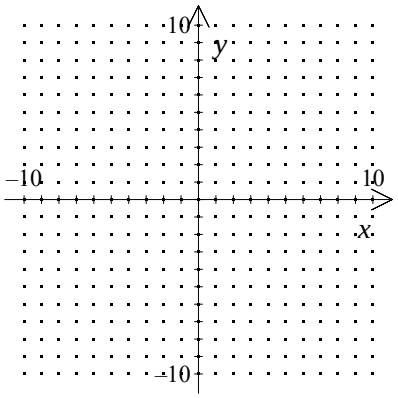


[3] _____

4. Solve the system graphically.

y = $-4x + 10$

y = $3x - 4$

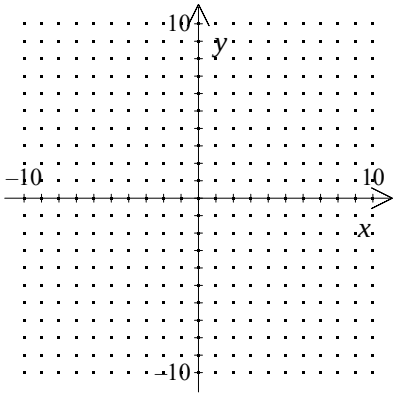


[4] _____

5. Solve the system graphically.

y = $-x$

y = $-4x + 3$

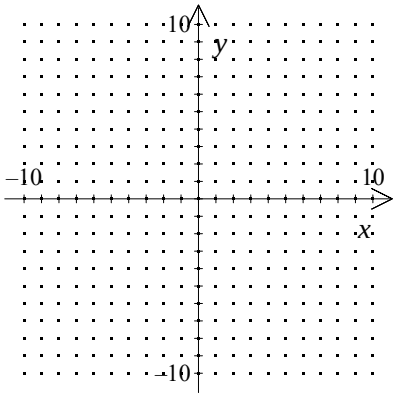


[5] _____

6. Solve the system graphically.

y = $3x - 1$

y = $2x$



[6] _____

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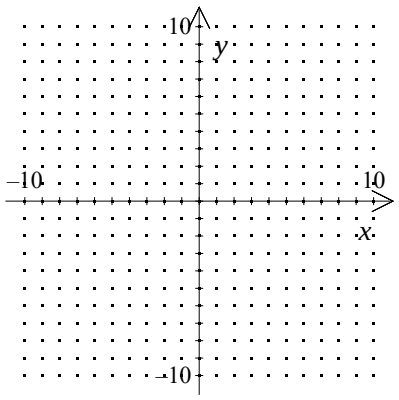
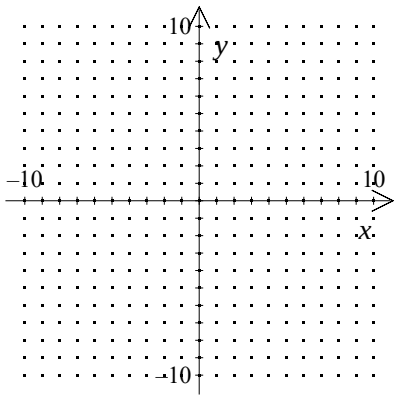
7. Solve the system graphically.
   $y = -3x + 4$
   $y = x$



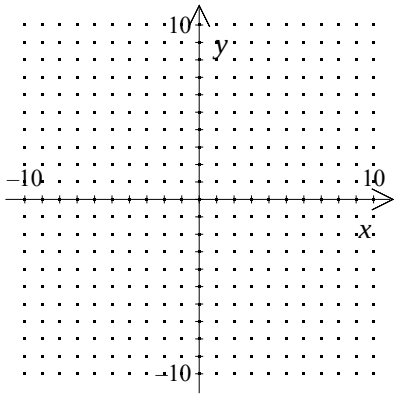
[7] _____

8. Solve the system graphically.
   $y = -x - 4$
   $y = 3x + 4$



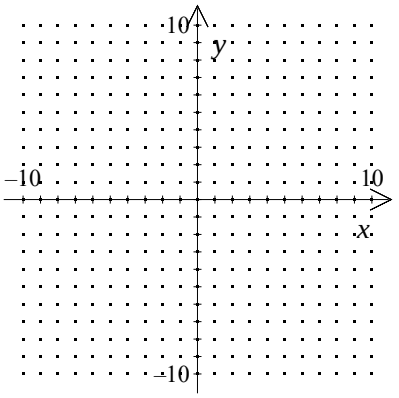
[8] _____

9. Solve the system graphically.
   $y = -3x + 2$
   $y = 2x - 3$



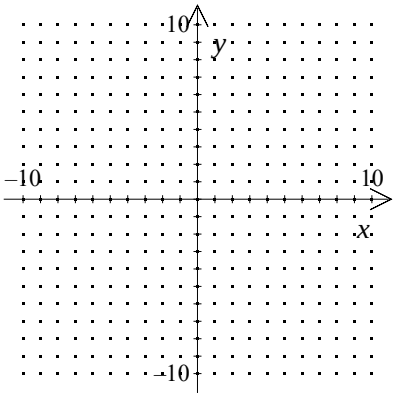
[9] _____

10. Solve the system graphically.
    $y = 4x + 7$
    $y = -x - 3$

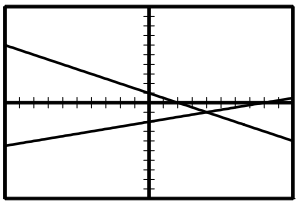


[10] _____

11. Solve the system graphically.
    $y = 2x + 4$
    $y = x + 3$



[11] _____



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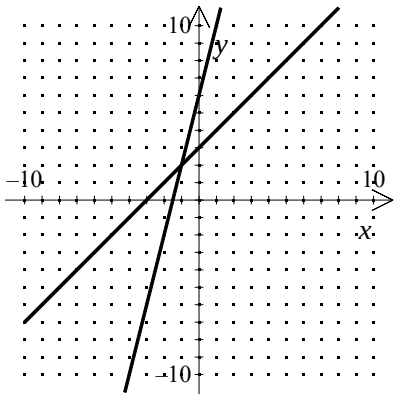

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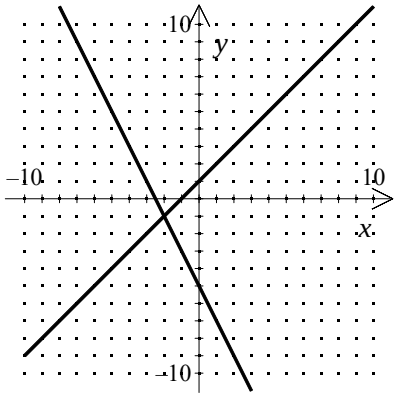

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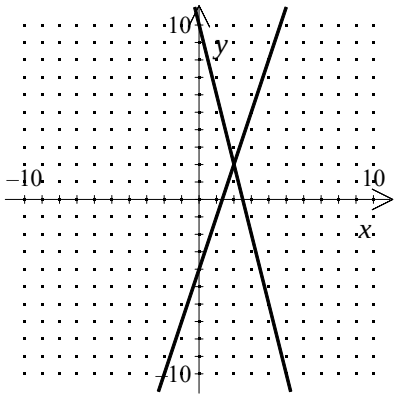

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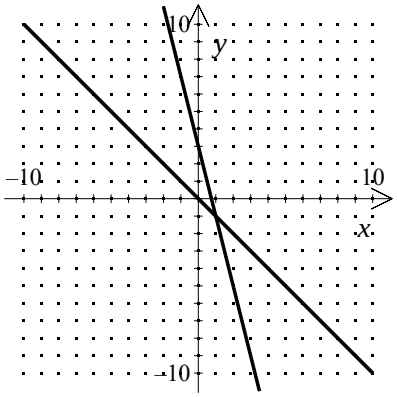

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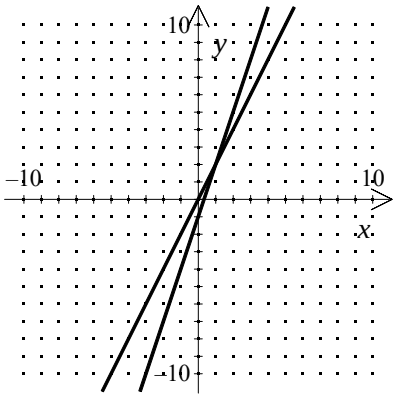
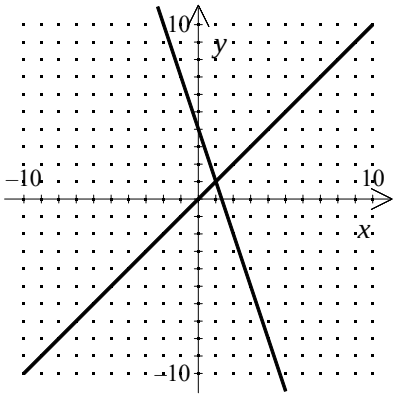


[6] (1, 2)



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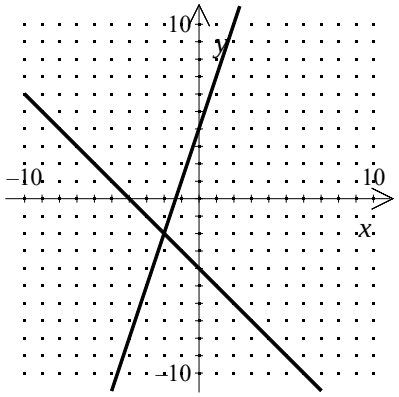

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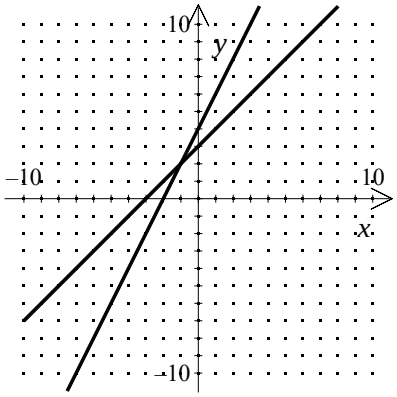

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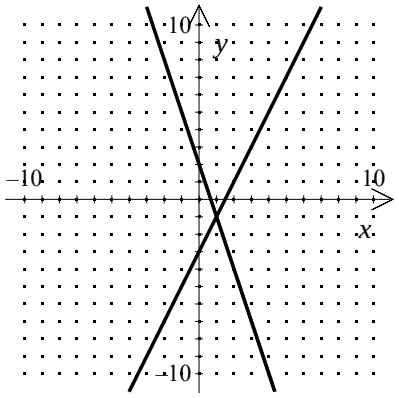

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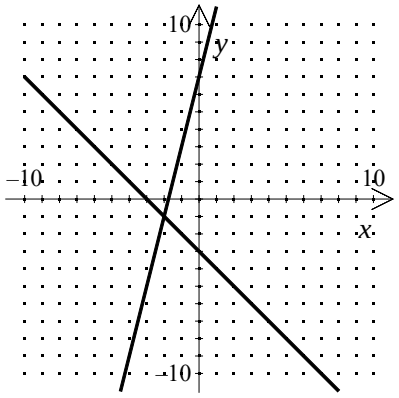

[10] (–2, –1)