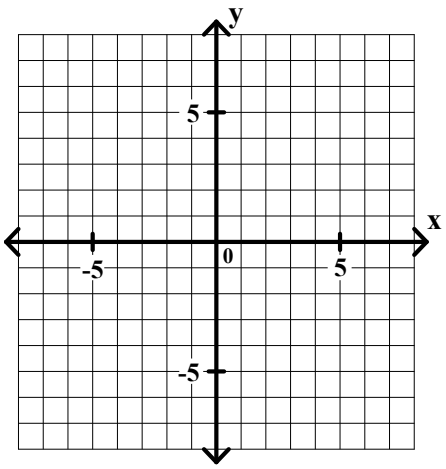
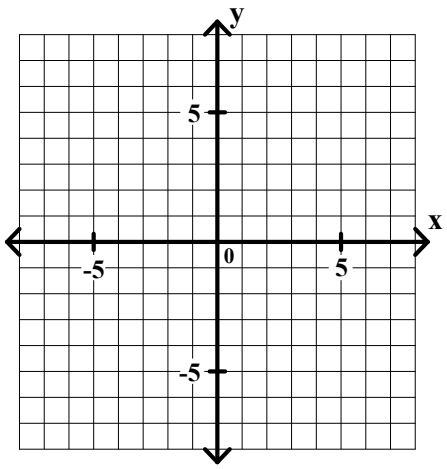
Algebra I Worksheet #1 Unit 9 page 1 _____

Use the graphing method to solve each of the following systems of equation.

1. $y = 3x - 1$ x = ____
$y = x + 3$ y = ____

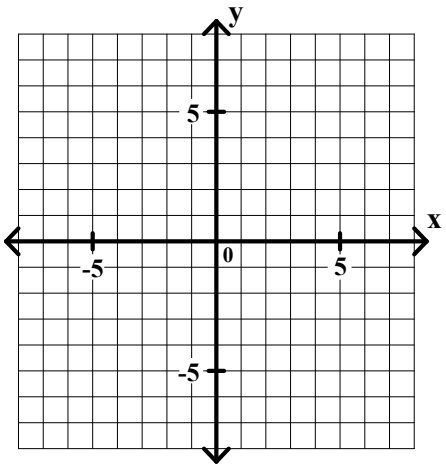
2. $y = -2x - 4$ x = ____
$y = x - 1$ y = ____

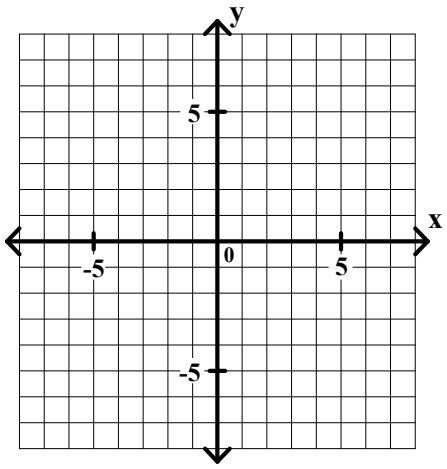




3. $y = 2x - 6$ x = ____
$y = \frac{-1}{2}x + 4$ y = ____

4. $y = 2x + 5$ x = ____
$y = \frac{2}{3}x + 1$ y = ____





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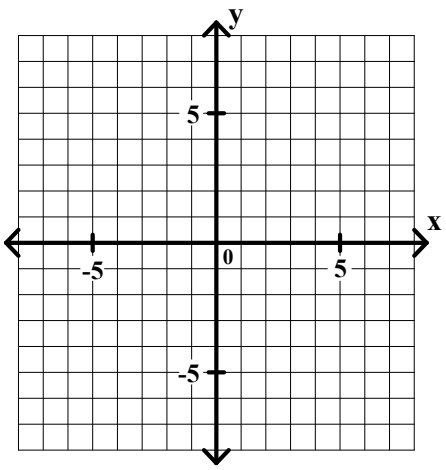
Use the graphing method to solve each of the following systems of equation.

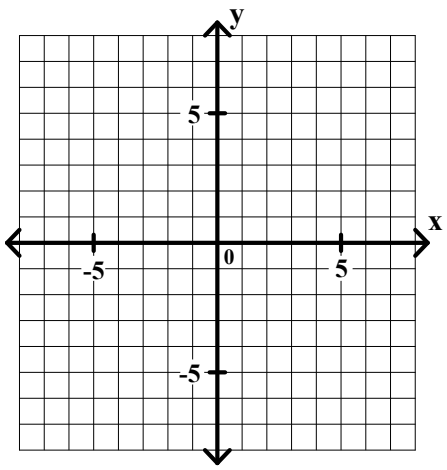
5. $y = x + 2$ x = ____

$y = -3x + 6$ y = ____



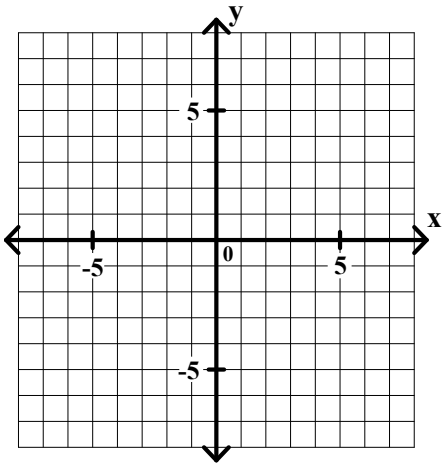
6. $y = -2x - 3$ x = ____

$y = \frac{1}{3}x + 4$ y = ____



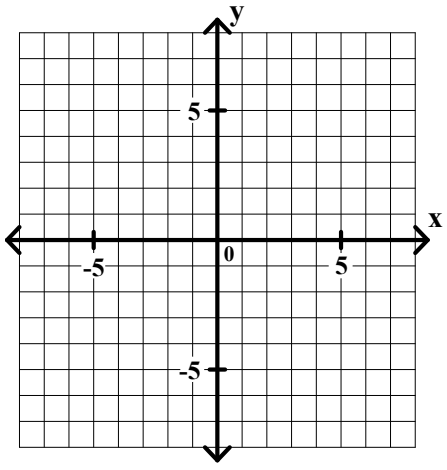
7. $x + y = 2$ x = ____

$y = 2x - 7$ y = ____



8. $y = \frac{1}{2}x - 1$ x = ____

$x + y = 5$ y = ____



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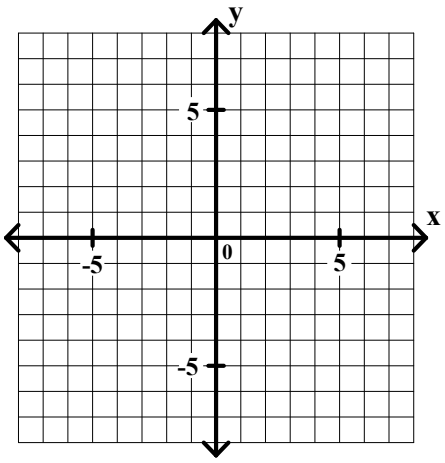
Use the graphing method to solve each of the following systems of equation.

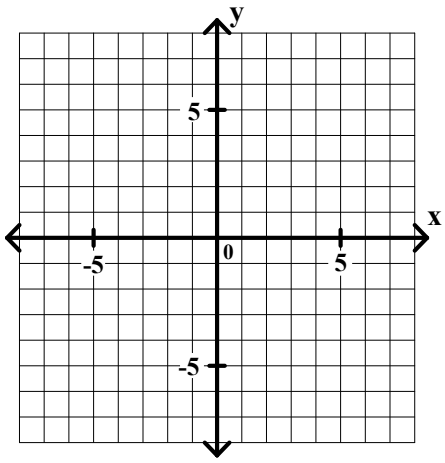
9. $x - 2y = 8$ $\quad x = \_\_\_\_$

$x + y = 2$ $\quad y = \_\_\_\_$



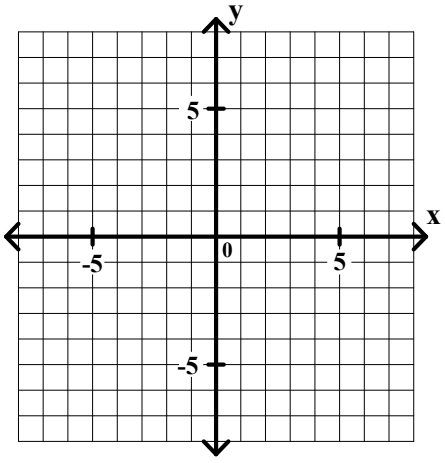
10. $3x + y = 6$ $\quad x = \_\_\_\_$

$3x + 4y = -12$ $\quad y = \_\_\_\_$



11. $2x - 3y = 6$ $\quad x = \_\_\_\_$

$-5x + 3y = 3$ $\quad y = \_\_\_\_$



12. $x - 2y = -6$ $\quad x = \_\_\_\_$

$5x - 2y = 10$ $\quad y = \_\_\_\_$