

NAME _____

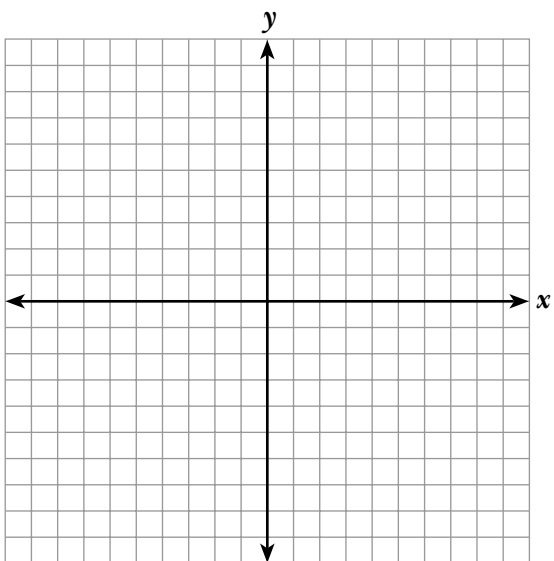
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Module 7 Solving Linear Equations and Inequalities of Two Variables
Lesson 1 Defining Linear Equations of Two Variables and Their Solutions

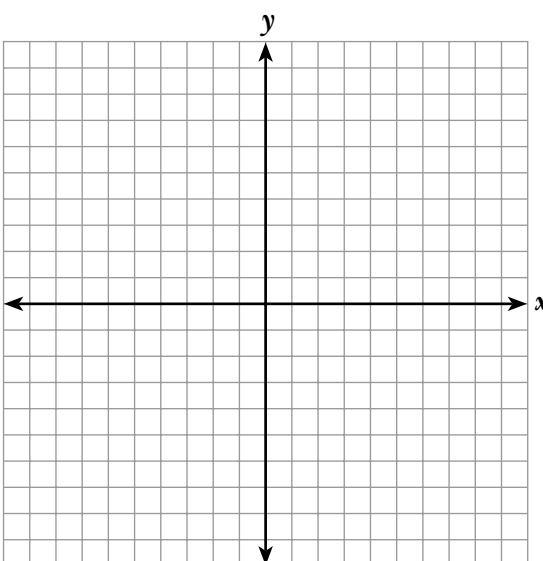
additional practice

Graph the following ordered pairs.

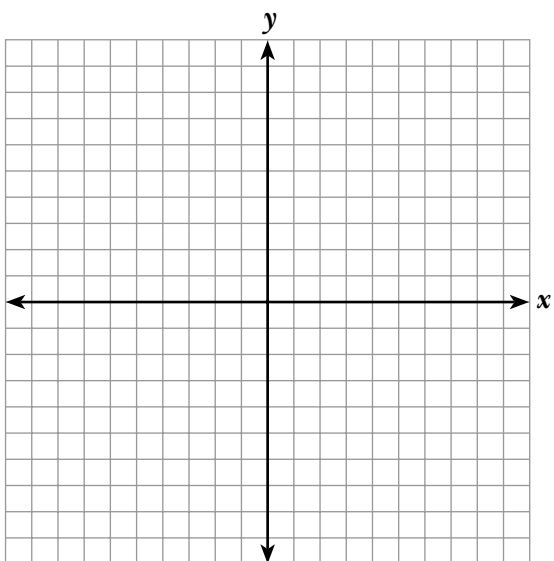
1. $(-4, 3)$, $(3, 10)$, $(0, -6)$



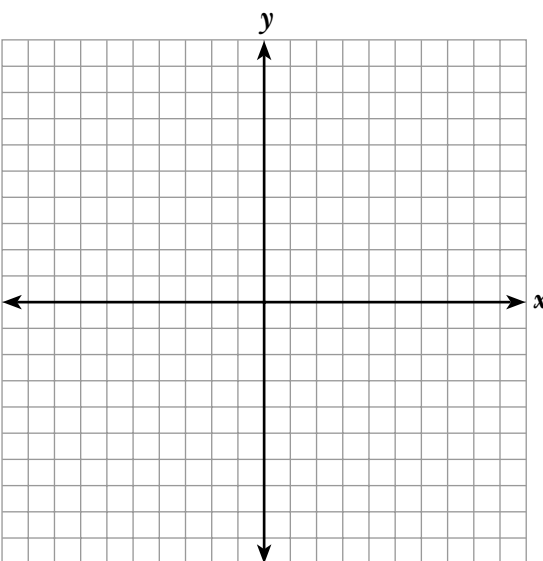
2. $(5, 0)$, $(-2, -2)$, $(7, -1)$



3. $(6, 0)$, $(-1, 8)$, $(4, 2)$



4. $(6, -3)$, $(5, 3)$, $(-3, -6)$

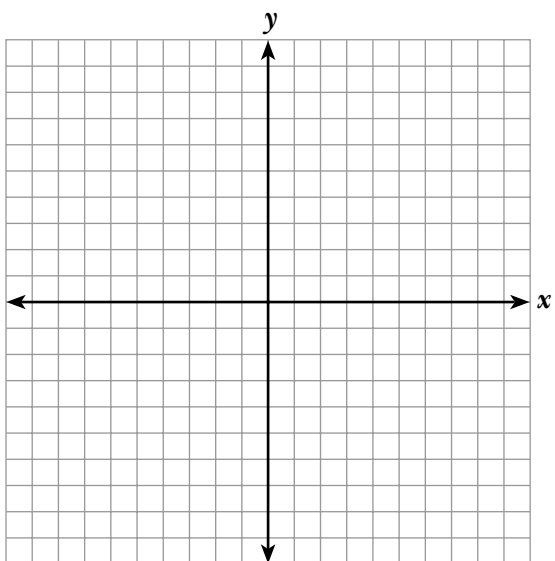


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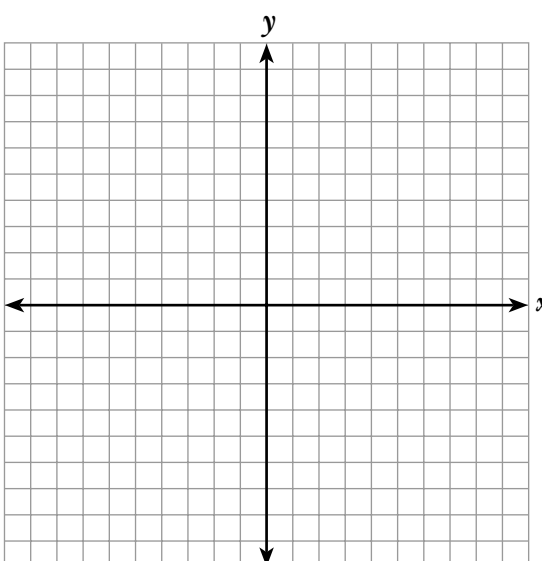


Graph the following equations.

5. $y = -2$



6. $x = 6$



Find the solution to each equation for the given value of the variable.

7. $6x + 3y = 15$ when $x = 2$

8. $14x - 3y = 10$ when $y = 6$

9. $3x + 2y + 10 = 14$ when $x = -2$

10. $x + 7y = 35$ when $x = 14$

Find three solutions to each of the following linear equations.

11. $7x - y = 21$

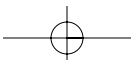
12. $x + 3y = 7$

13. $y - 3x = 3$

14. $4x + 2y = 8$

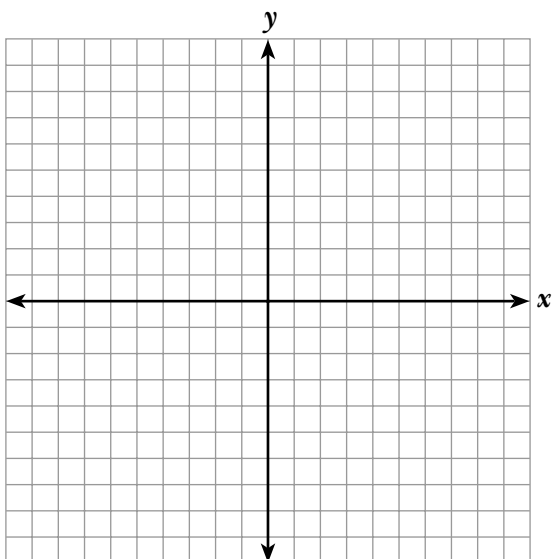
15. $3y - 2x = 12$

16. $9x + 2y = 18$

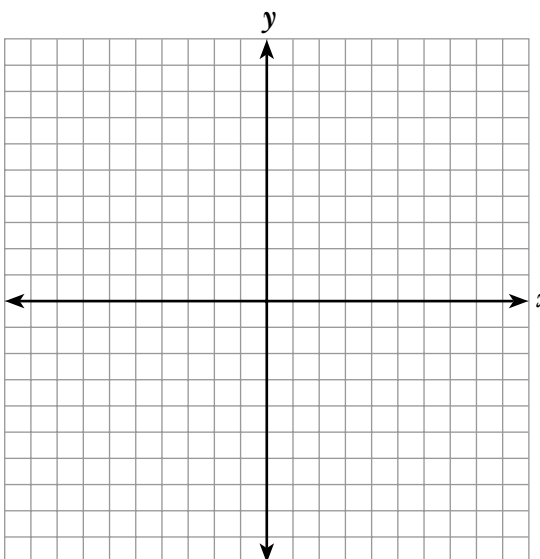


Find the solutions to the equations for the given value of the variables.
Then, graph those solutions.

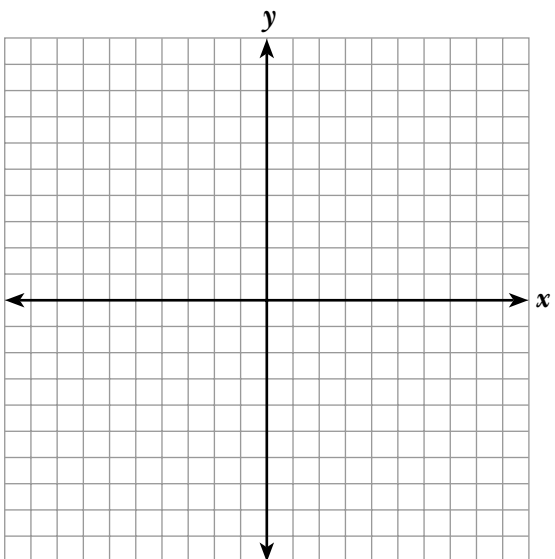
17. $3x - 2y = 12$
when $x = 4$ and when $y = 3$



18. $y - x = 5$
when $x = -2$ and when $y = 5$



19. $x - 3y = 9$
when $y = -3$ and when $x = 3$



20. $3y - x = 6$
when $x = 6$ and when $y = -1$

