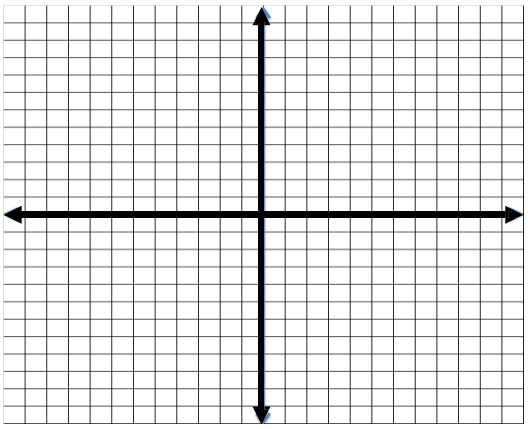
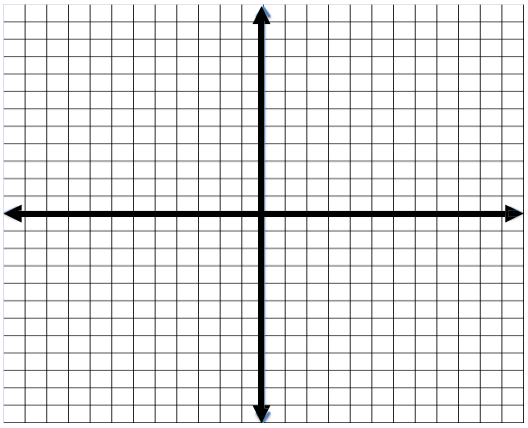
For each Linear Function below, create a table of values and graph.

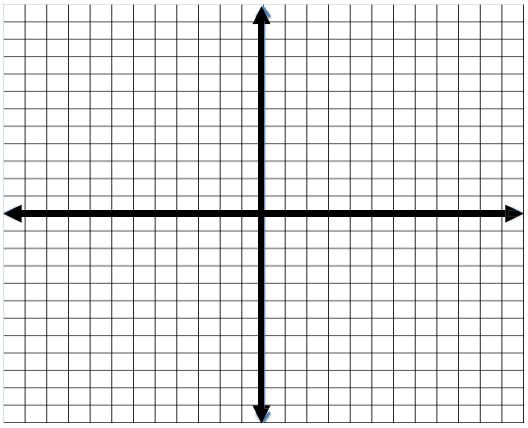
1. $y = 3x - 5$



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



3. $y = \frac{2}{3}x$

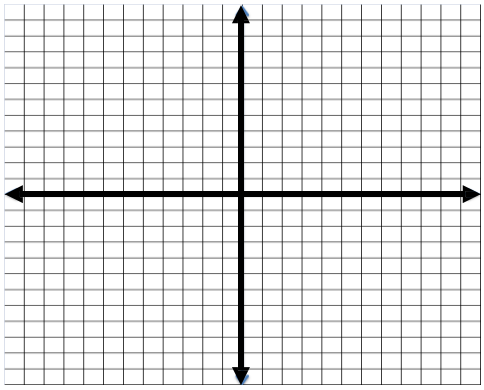


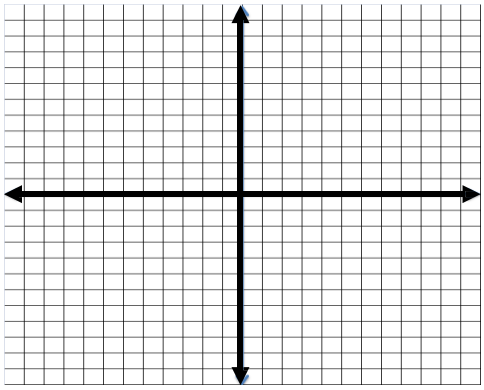
Find the x-intercept and y-intercept of the line and then graph the equation.

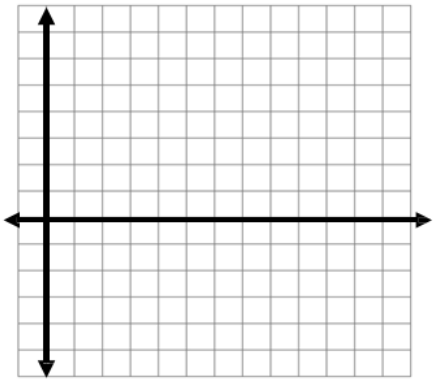
4. $y = \frac{1}{2}x - 4$

5. $-4x + 8y = -16$

6. $0.3x - 1.3y = 3.9$







Is the ordered pair a solution to the equation? Justify your response.

7. $y = 14x - 20$ (-15, -190)

8. $y = \frac{3}{8}x + 10$ (120, 55)

Rewrite each equation in $y = mx + b$ form.

9. $-2x + y = -4$

10. $3x - y = 1$

11. $-9x + 3y = -6$

12. $x = -2y$

13. $-4 + 2y = -3x$

14. $x - 5y = 10$

Find the x-intercept of the graph of the equation.

15. $x - y = 6$

16. $6x + 12y = 36$

Find the y-intercept of the graph of the equation.

17. $y = -3x - 4$

18. $5x - 10y = -40$