

3-1 Skills Practice**Graphing Linear Equations**

Determine whether each equation is a linear equation. Write *yes* or *no*.
If yes, write the equation in standard form.

1. $xy = 6$

2. $y = 2 - 3x$

3. $5x = y - 4$

4. $y = 2x + 5$

5. $y = -7 + 6x$

6. $y = 3x^2 + 1$

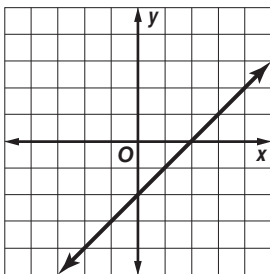
7. $y - 4 = 0$

8. $5x + 6y = 3x + 2$

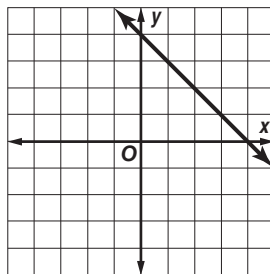
9. $\frac{1}{2}y = 1$

Find the x - and y -intercepts of each linear function.

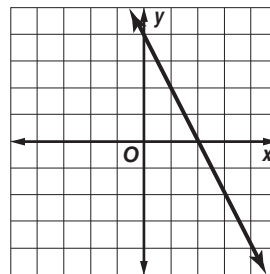
10.



11.

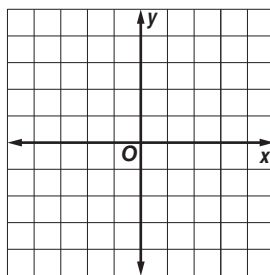


12.

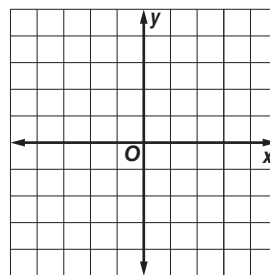


Graph each equation by making a table.

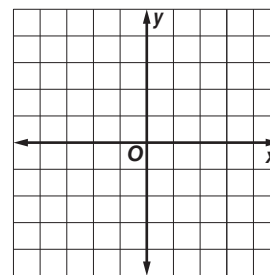
13. $y = 4$



14. $y = 3x$

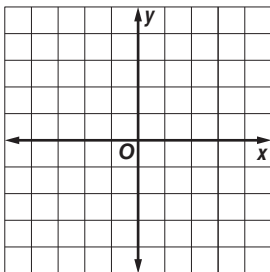


15. $y = x + 4$

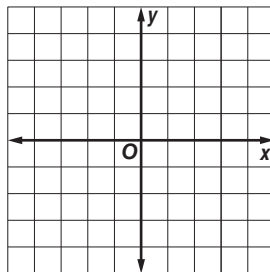


Graph each equation by using the x - and y -intercepts.

16. $x - y = 3$



17. $10x = -5y$



18. $4x = 2y + 6$

