

## Linear Equations in Standard Form - Homework

Write the slope-intercept form of the equation of each line.

1)  $x - y = -7$

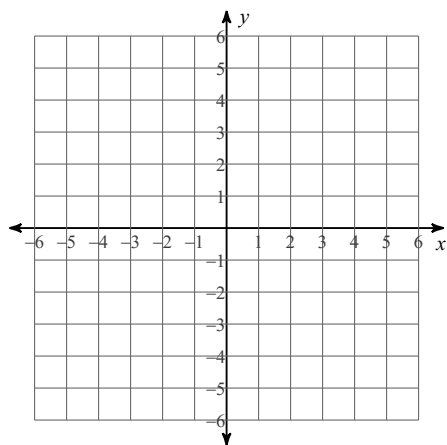
2)  $5x - 2y = -4$

3)  $x - 2y = -8$

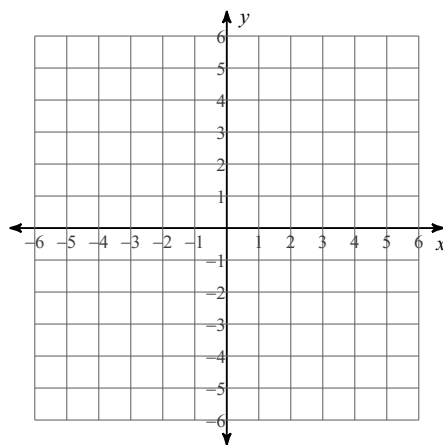
4)  $5x + 4y = 4$

Sketch the graph of each line.

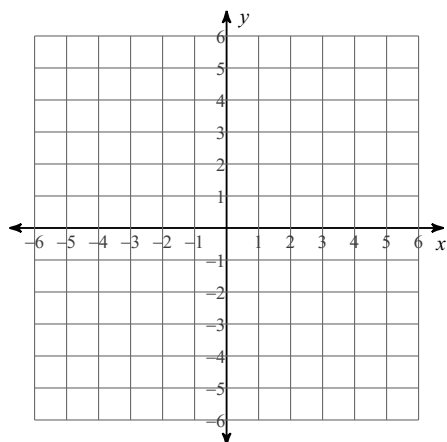
5)  $x + y = -2$



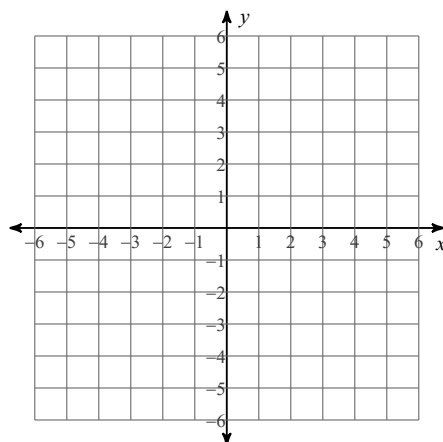
6)  $2x + 3y = -9$



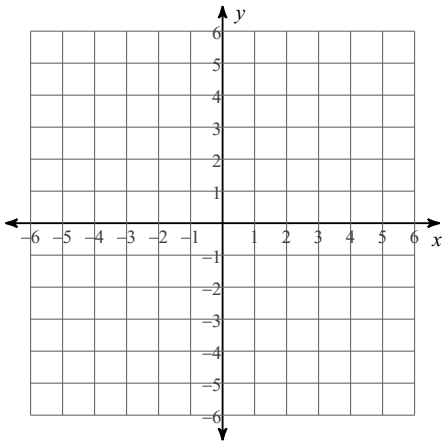
7)  $y = -4$



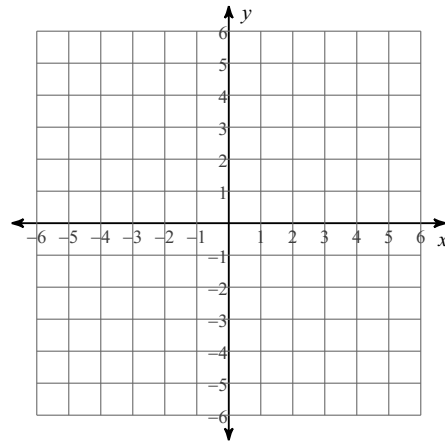
8)  $x = -5$



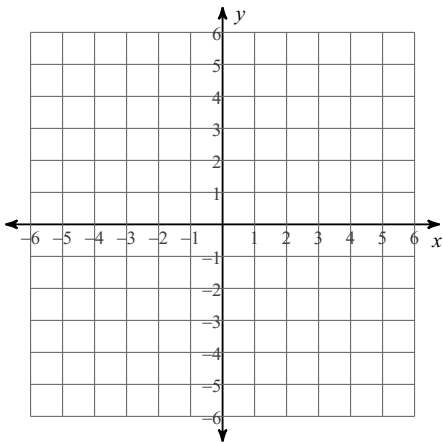
9)  $x - 3y = -12$



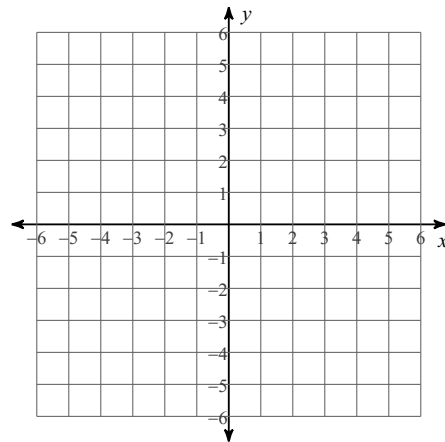
10)  $8x - y = 5$



11)  $3x + 4y = 12$



12)  $x + 5y = 0$



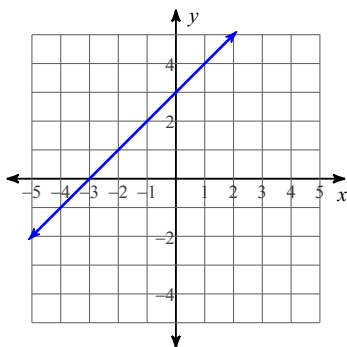
**Write the standard form of the equation of each line.**

13)  $y = x + 3$

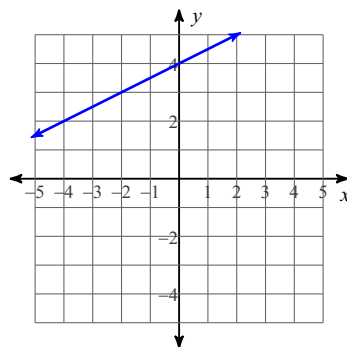
14)  $y = \frac{9}{4}x + 6$

**Write the slope-intercept form of the equation of each line, and then convert your answer to standard form.**

15)



16)

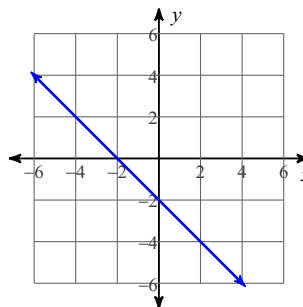


# Answers to Linear Equations in Standard Form - Homework

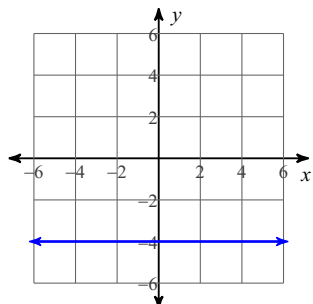
1)  $y = x + 7$

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

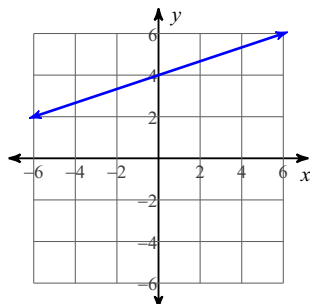
5)



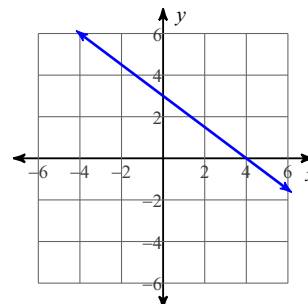
7)



9)



11)



13)  $x - y = -3$

15)  $x - y = -3$