

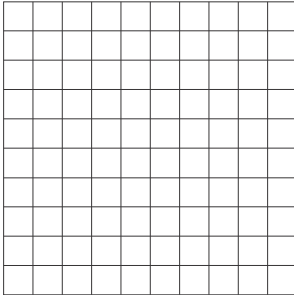


## 2-1 Additional Practice

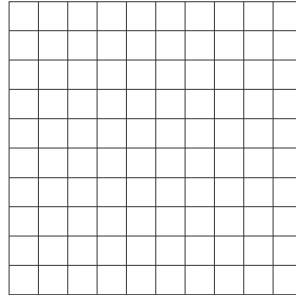
### Slope-Intercept Form

Graph the line that represents each linear equation.

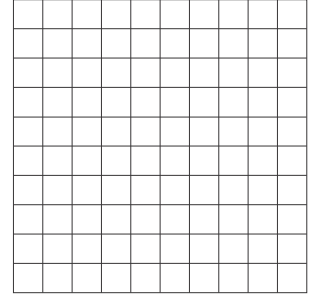
1.  $y = x + 3$



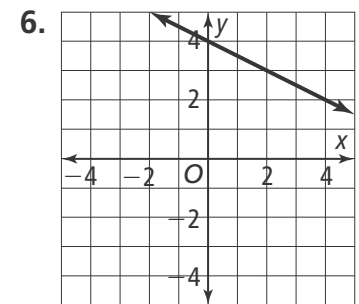
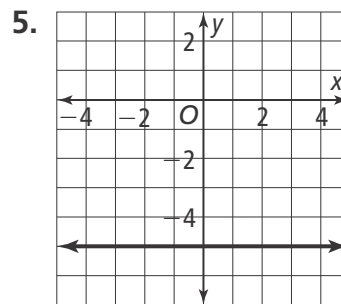
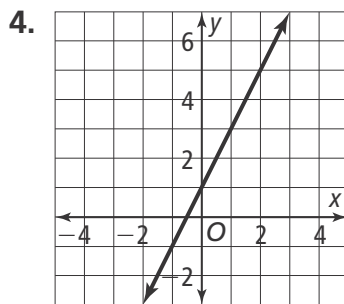
2.  $y = -5x + 1$



3.  $y = \frac{2}{3}x - 5$



What slope-intercept form equation represents the line?



Write the equation in slope-intercept form of the line that passes through the given points.

7.  $(-1, 3)$  and  $(-3, 1)$

8.  $(-4, 8)$  and  $(4, 6)$

9.  $(9, 2)$  and  $(-3, -2)$

10. Zachary purchased a computer for \$1,800 on a payment plan. Three months after he purchased the computer, his balance was \$1,350. Five months after he purchased the computer, his balance was \$1,050. What is an equation that models the balance  $B$  after  $m$  months?

11. What does the slope signify in this equation and why?