

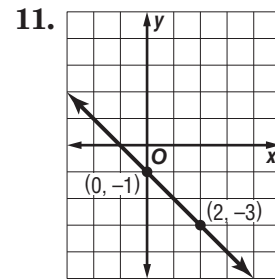
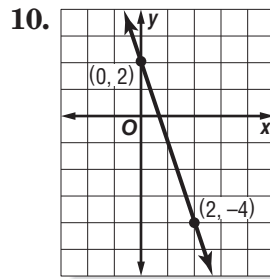
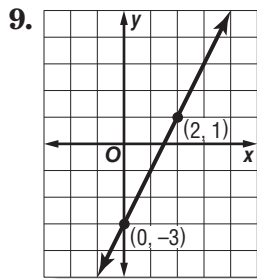
4-1 Skills Practice

Graphing Equations in Slope-Intercept Form

Write an equation of a line in slope-intercept form with the given slope and y-intercept.

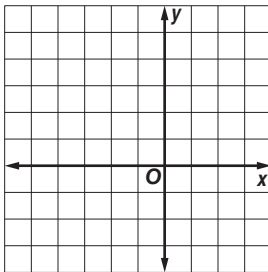
- | | |
|-------------------------------|-------------------------------|
| 1. slope: 5, y-intercept: -3 | 2. slope: -2, y-intercept: 7 |
| 3. slope: -6, y-intercept: -2 | 4. slope: 7, y-intercept: 1 |
| 5. slope: 3, y-intercept: 2 | 6. slope: -4, y-intercept: -9 |
| 7. slope: 1, y-intercept: -12 | 8. slope: 0, y-intercept: 8 |

Write an equation in slope-intercept form for each graph shown.

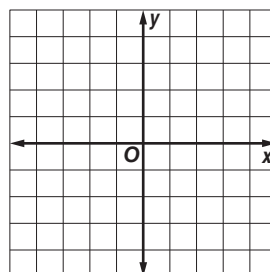


Graph each equation.

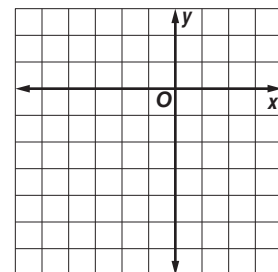
12. $y = x + 4$



13. $y = -2x - 1$



14. $x + y = -3$



15. **VIDEO RENTALS** A video store charges \$10 for a rental card plus \$2 per rental.

- Write an equation in slope-intercept form for the total cost c of buying a rental card and renting m movies.
- Graph the equation.
- Find the cost of buying a rental card and renting 6 movies.

