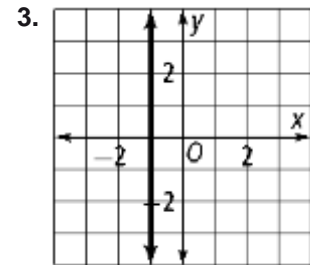
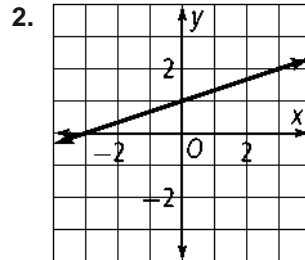
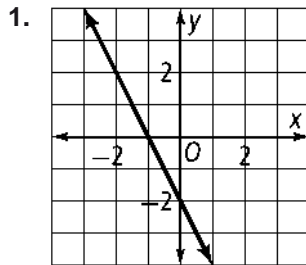


Extra Practice

Lesson 5-1

Find the slope of each line. Then, write the equation in slope-intercept form.



Lesson 5-3

Find the slope and y-intercept.

4. $y = 6x + 8$

5. $3x + 4y = -24$

6. $y = \frac{-3}{4}x - 8$

A line passes through the given points. Write an equation for the line in slope-intercept form.

7. $(-2, 4)$ and $(3, 9)$

8. $(1, 6)$ and $(9, -4)$

Graph each equation. USE GRAPH PAPER.

9. $y = 2x + 1$

10. $y = \frac{2}{3}x - 4$

Lessons 5-4 and 5-5

Write an equation in point-slope form for the line through the given point with the given slope.

11. $(4, 6); m = -5$

12. $(3, -1); m = 1$

13. $(8, 5); m = \frac{1}{2}$

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Extra Practice (continued)

Find the x - and y -intercepts for each equation.

14. $y = -7x$

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

16. $-2y = 5x - 12$

Graph each equation. USE GRAPH PAPER.

17. $x + 4y = 8$

18. $y - 5 = -2(x + 1)$

19. $x + 3 = 0$

Write an equation in standard form for each situation.

20. You have \$25 to buy supplies for a class party. Juice costs \$3 per bottle and chips cost \$2 per bag. Write an equation that relates the amount of juice and chips you can buy using \$25.