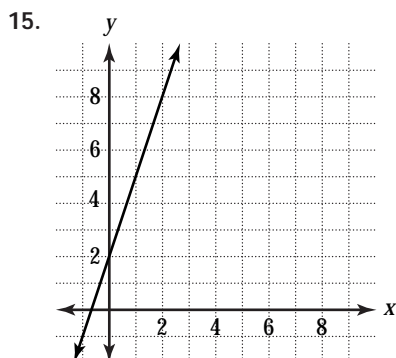
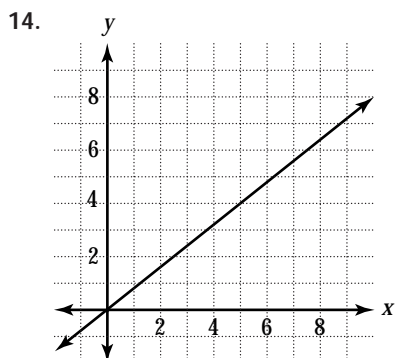
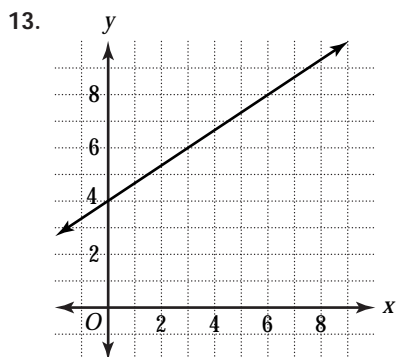


Answers

Practice — Chapter 1

Lesson 1.1

1. yes 2. yes 3. no 4. yes 5. no
 6. yes 7. yes 8. no 9. yes 10. no
 11. no 12. yes



16. (6, 19) 17. (4, 20) 18. not linear
 19. (-4, 23) 20. (8, -29) 21. (5, -14)

Lesson 1.2

1. $y = 2x - 5$ 2. $y = 3x + 1$
 3. $y = -4x + 3$ 4. $y = \frac{4}{5}x - \frac{2}{5}$
 5. $y = \frac{1}{6}x + 3$ 6. $y = \frac{1}{4}x + 4$ 7. $-\frac{2}{3}$
 8. $\frac{57}{100}$ 9. 1 10. 3
 11. $m = -\frac{3}{4}, b = \frac{3}{2}$ 12. $m = -\frac{3}{8}, b = -\frac{3}{2}$
 13. $m = -2, b = -4$ 14. $m = -3, b = -7$
 15. $y = \frac{5}{6}x + 3$ 16. $y = -\frac{3}{4}x + 3$

Lesson 1.3

1. $y = x + 2$ 2. $y = -x + 2$
 3. $y = -\frac{1}{5}x + \frac{8}{5}$ 4. $y = -\frac{1}{2}x + 1$
 5. $y = -9x - 13$ 6. $y = \frac{4}{5}x + \frac{11}{10}$
 7. $y = x$ 8. $y = -\frac{1}{2}x + 1$ 9. $y = \frac{3}{4}x - 5$
 10. $y = 4x - 13$ 11. $y = -2x - 1$
 12. $y = -\frac{1}{4}x + 8$ 13. $y = -3x + 7$
 14. $y = -4x - 5$ 15. $y = \frac{3}{4}x - 5$
 16. $y = 2x + 15$ 17. $y = -3x + 5$
 18. $y = 4x - 16$ 19. $y = -\frac{1}{2}x - 1$
 20. $y = 3x - 4$ 21. $y = \frac{1}{2}x - 3$
 22. $y = -3x + 3$ 23. $y = -2x + 8$
 24. $y = -\frac{1}{3}x - 2$ 25. $y = \frac{1}{2}x - 10$
 26. $y = -\frac{1}{2}x - 4$ 27. $y = -\frac{1}{4}x + \frac{7}{2}$
 28. $y = x + 2$ 29. $y = -\frac{4}{3}x + 2$
 30. $y = \frac{4}{3}x + \frac{8}{3}$ 31. $y = -\frac{1}{3}x$
 32. $y = -\frac{1}{4}x - \frac{15}{4}$