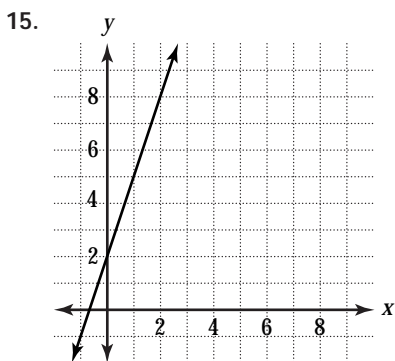
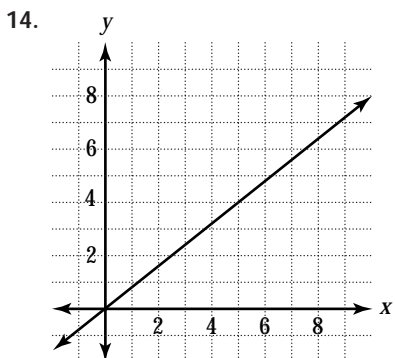
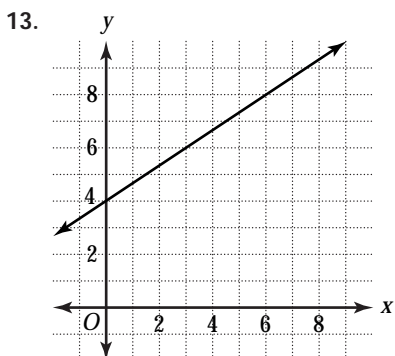


# Answers

## 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.  $y = -\frac{1}{4}x - \frac{15}{4}$