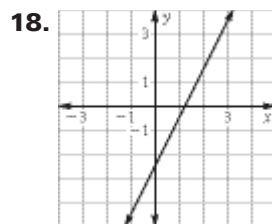
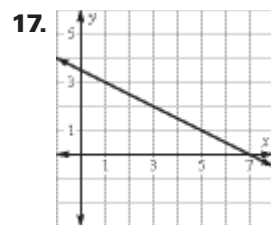
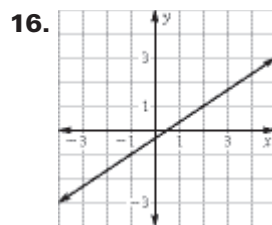
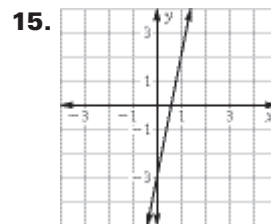
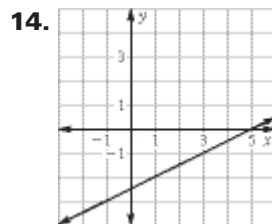
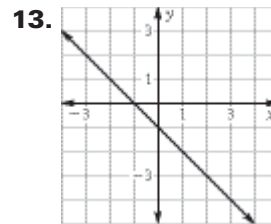
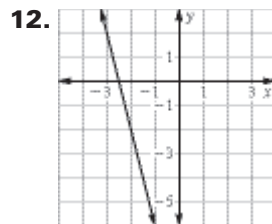
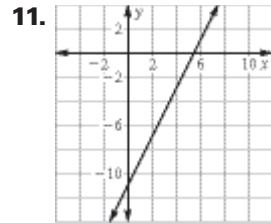
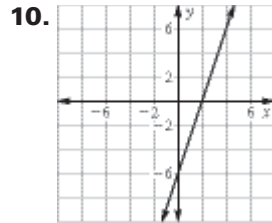


Answer Key

Lesson 5.3

Practice Level B

1. $y - 9 = -3(x - 1)$ 2. $y + 10 = 2(x - 4)$ 3. $y - 6 = 4(x + 5)$ 4. $y + 8 = 3(x + 2)$
5. $y + 7 = -\frac{1}{2}(x + 4)$ 6. $y - 2 = -5(x + 9)$ 7. $y + 4 = \frac{2}{3}(x - 6)$ 8. $y - 15 = \frac{4}{5}x$ 9. $y = 2(x + 8)$



19. $y - 3 = 2(x + 2)$

20. $y - 6 = \frac{3}{4}(x - 4)$ 21. $y + 8 = -3(x - 1)$

Answer Key

22. $y - 3 = \frac{5}{3}(x - 1)$ **23.** $y = -1(x - 3)$

24. $y - 2 = -x$ **25.** $y - 4 = \frac{1}{4}(x - 9)$

26. $y - 2 = -\frac{8}{7}(x - 4)$

27. $y + 8 = \frac{3}{2}(x - 3)$ **28.** $y + 4 = \frac{3}{2}(x + 4)$

29. a. $y - 1102.4 = 23.9(x - 10)$ **b.** 982.9 thousand visits

30. a. The slope between each pair of points is the same. **b.** $y - 0.85 = 0.25(x - 2)$ **c.** \$1.60

31. $y - 11.62 = 0.19(x - 5)$; 12.57 people per square mile