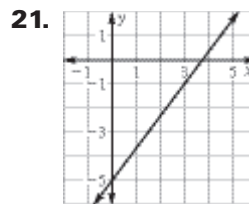
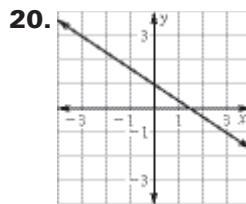
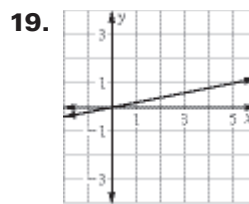
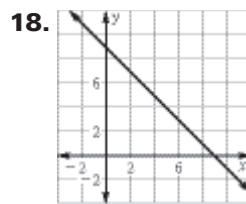
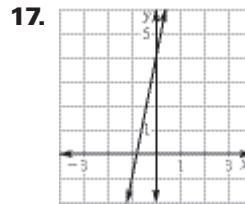
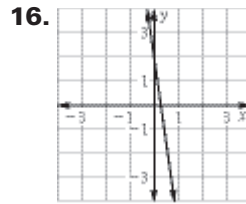


Answer Key

Lesson 4.5

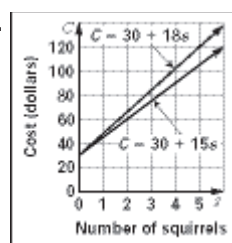
Practice B

1. Slope: 5; y-intercept: -4 2. Slope: -4 ; y-intercept: 10 3. Slope: -9 ; y-intercept: 8
 4. Slope: -4 ; y-intercept: 3 5. Slope: 3; y-intercept: -1 6. Slope: $-\frac{2}{5}$; y-intercept: 2
 7. Slope: 3; y-intercept: $\frac{1}{3}$ 8. Slope: $-\frac{3}{2}$; y-intercept: $\frac{1}{2}$ 9. Slope: $\frac{1}{4}$; y-intercept: $\frac{5}{8}$ 10. Slope: -1 ; y-intercept: $\frac{3}{5}$ 11. Slope: 0; y-intercept: -4 12. Slope: undefined; y-intercept: none 13. C 14. B 15. A



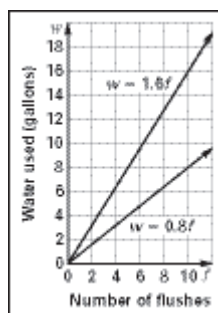
22. line through $(-1, -4)$ and $(0, 2)$ and line through $(1, 3)$ and $(2, 9)$ 23. line through $(-3, 9)$ and $(-1, 1)$ and line through $(-2, 10)$ and $(1, -2)$ 24. no 25. no 26. no 27. yes 28. yes 29. no

30. a. and b.



- c. \$12

31. a.



The slopes indicate the number of gallons of water used per flush. The w -intercepts show how much water is used when the toilet is not flushed at all.

- b. 8 gal