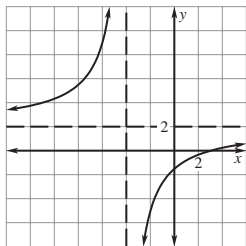# *Answer Key*

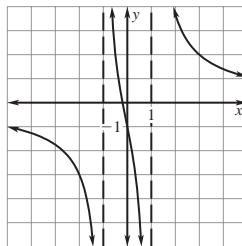## Practice B

1. x-intercepts: $-\frac{1}{2}$, 4; vertical asymptote: $x = -5$ **2.** no x-intercepts; vertical asymptotes: $x = 1, x = -1$ **3.** x-intercepts: 0; vertical asymptotes: $x = -4$ **4.** B   **5.** C   **6.** A
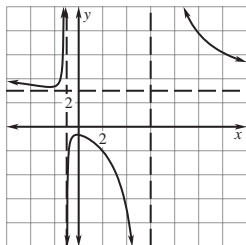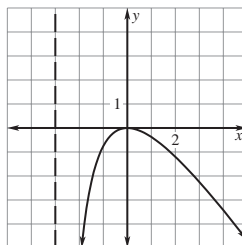
7.

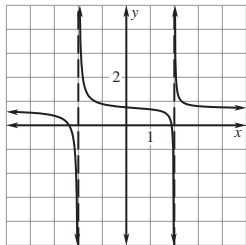
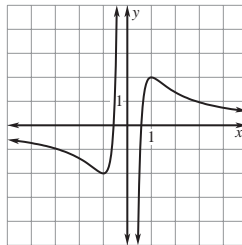**8.**

9.

10.

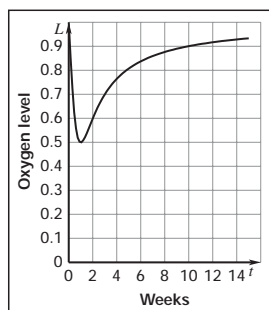**11.**

12.

13. Answers may vary.

Sample answer: $y = \dfrac{x - 5}{x^2 + 3x}$

14.

15. The oxygen level dropped to 50% of normal, then slowly increased to 93% of normal.