

Answer Key

Practice B

1. $y = -5$; $x = -4$; domain: all real numbers except -4 ; range: all real numbers except -5

2. $y = \frac{3}{4}$; $x = -\frac{1}{4}$; domain: all real numbers except $-\frac{1}{4}$; range: all real numbers except $\frac{3}{4}$

3. $y = 2$; $x = \frac{2}{3}$; domain: all real numbers except $\frac{2}{3}$; range: all real numbers except 2

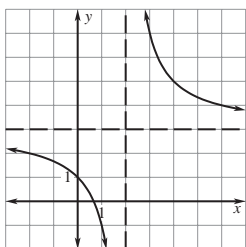
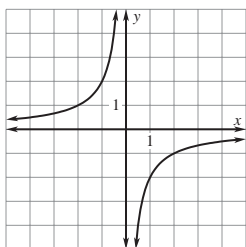
4. B

5. C

6. A

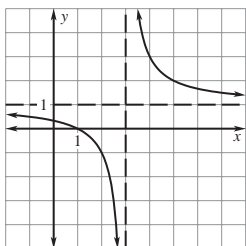
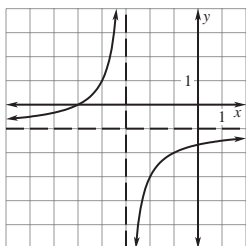
7. domain: all real numbers except 0 ; range: all real numbers except 0

8. domain: all real numbers except 2 ; range: all real numbers except 3



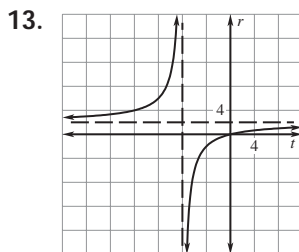
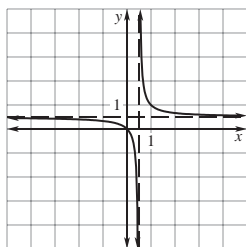
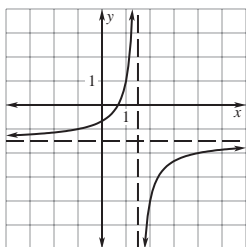
9. domain: all real numbers except -3 ; range: all real numbers except -1

10. domain: all real numbers except 3 ; range: all real numbers except 1



11. domain: all real numbers except $\frac{3}{2}$; range: all real numbers except $-\frac{3}{2}$

12. domain: all real numbers except $\frac{1}{2}$; range: all real numbers except $\frac{1}{2}$



14. $y = 2$; the amount of rain will be less than 2 inches

15. 0.8 inch