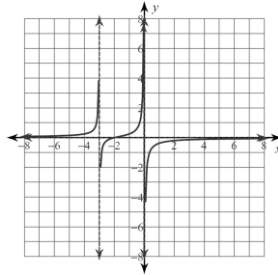


LESSON 8-2

Practice and Problem Solving: A/B

1. Vertical asym.: $x = -3, x = 3$; Holes: none; Domain: $\{x \mid x \neq -3, 3\}$
2. Vertical asym.: $x = 2$; Holes: $x = -4$; Domain: $\{x \mid x \neq -4, 2\}$
3. As $x \rightarrow +\infty, f(x) \rightarrow -\infty$; As $x \rightarrow -\infty, f(x) \rightarrow +\infty$
4. As $x \rightarrow +\infty, f(x) \rightarrow 1$; As $x \rightarrow -\infty, f(x) \rightarrow 1$
5. Vertical asym.: $x = -3, x = 0$; Horizontal asym.: $y = 0$; Holes: none; x-intercepts: -2 ;



6. Vertical asym.: $x = 2$; Horizontal asym.: $y = -1$; Holes: $x = 1$; x-intercepts: -1 ;

