

Pre-Calculus

KEY

Determine the behavior of the function at the vertical asymptote(s) using a sign analysis. (2.7 Part 3)

1. at $x = 3$, negative on the left and positive on the right
2. at $x = -5$, negative on the left and positive on the right
3. at $x = -7$, positive on the left and negative on the right
4. at $x = 9$, negative on the left and positive on the right
5. at $x = -6$, negative on the left and positive on the right
at $x = 6$, negative on the left and positive on the right
6. at $x = -7$, positive on the left and negative on the right
at $x = 7$, positive on the left and negative on the right
7. at $x = -4$, positive on the left and negative on the right
at $x = 4$, positive on the left and negative on the right
8. at $x = -4$, negative on the left and negative on the right
9. at $x = -2$, negative on the left and positive on the right
at $x = 3$, positive on the left and negative on the right
10. at $x = -5$, negative on the left and positive on the right
at $x = 1$, negative on the left and positive on the right