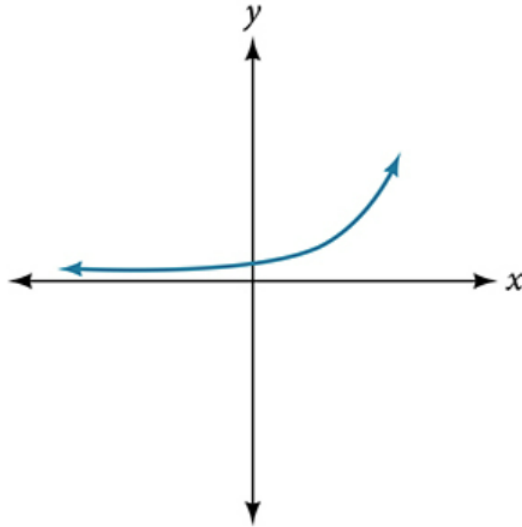


Exercise 40

For the following exercises, determine whether the graph of the function provided is a graph of a polynomial function. If so, determine the number of turning points and the least possible degree for the function.



Solution

This is not a polynomial function because it goes off to the left rather than up or down as $x \rightarrow -\infty$.