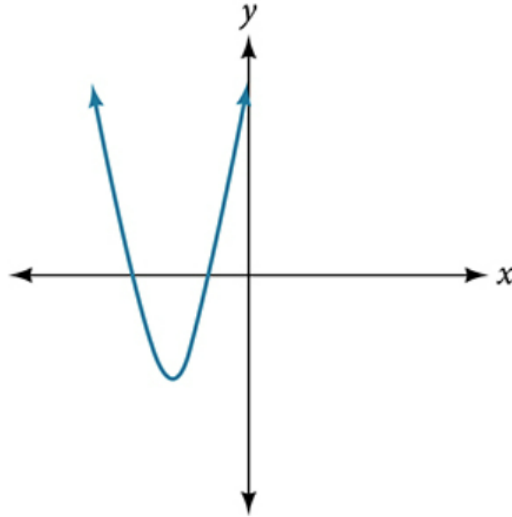# Exercise 41

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.



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**Solution**

This is a polynomial function. Since there's one turning point in the graph, the smallest degree is 2.