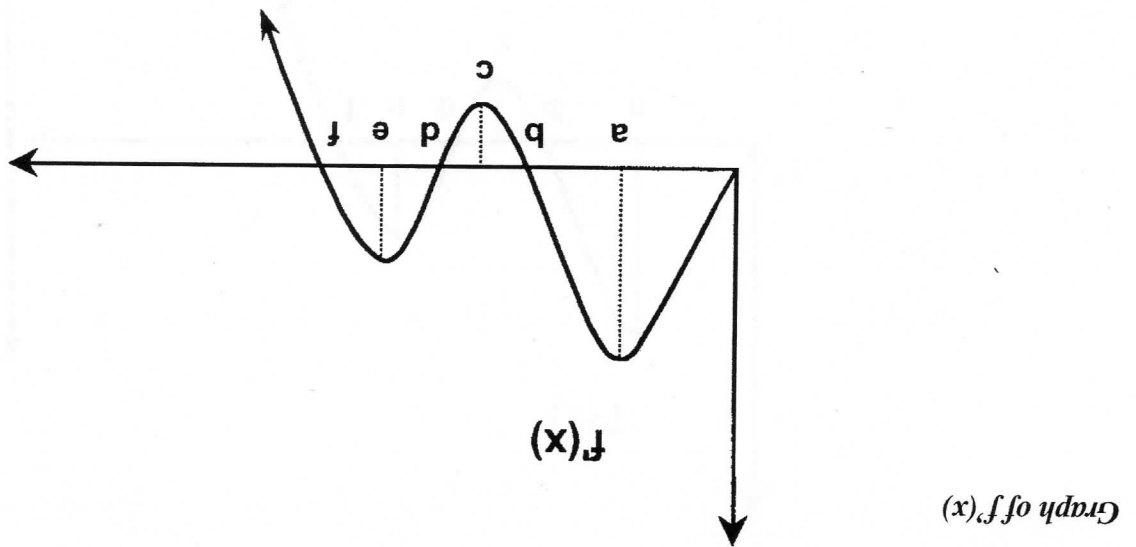


# Analysis of a Graph Revisited



A. Cut up the graph into intervals where "something is happening." List those intervals in interval notation. Make sure you don't leave out any part of the graph.

B. Look at each interval. Is  $f'(x)$  positive or negative? Is  $f''(x)$  positive or negative? What does that determine about the graph of  $f$ ?

C. What is happening to the graph of  $f$  at each point? How do you know?  
(max or min, inflection point)