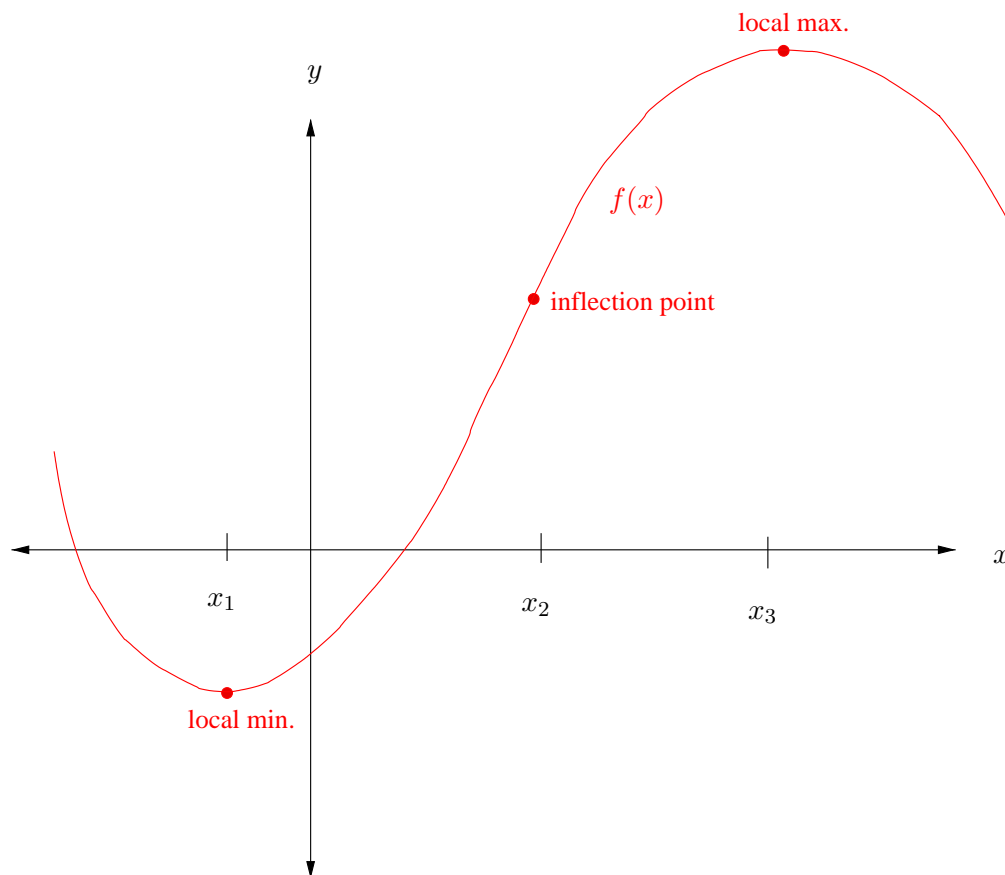
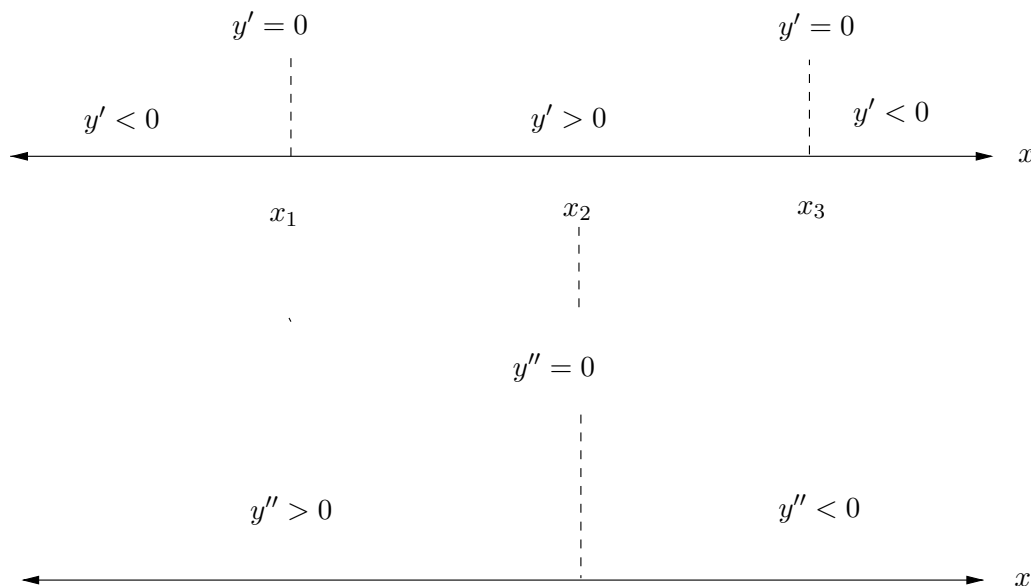


4. (8 points) Sketch a possible graph of $y = f(x)$ using the given information about the derivatives $y' = f'(x)$ and $y'' = f''(x)$. Assume the function is defined and continuous for all x . Clearly label all local extrema and inflection points.



Note: The graph may be shifted along the y -axis. The shape of the graph must be the same.