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.