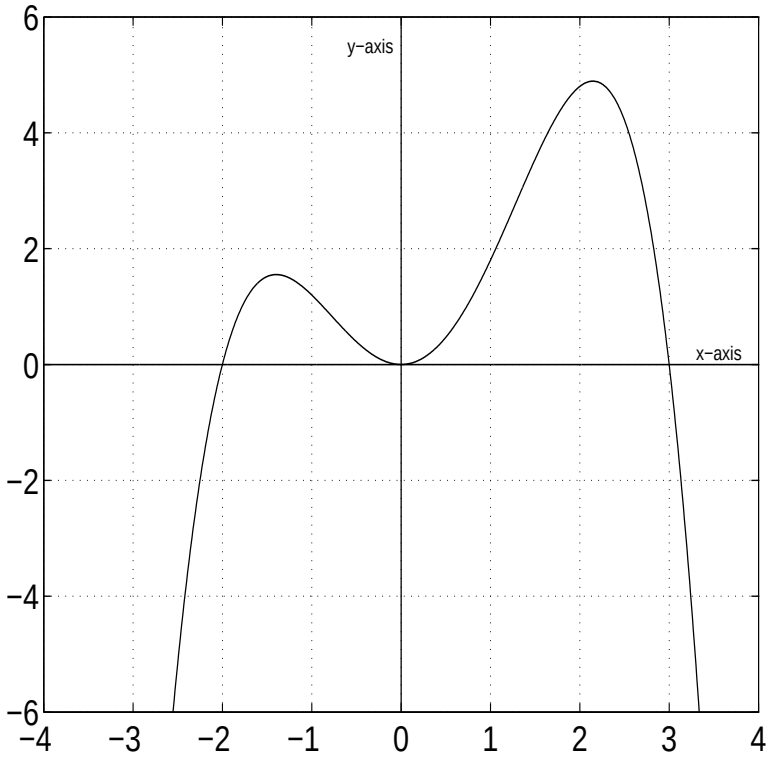
2. (11 points) The graph in the figure below is the graph of f' (i.e., the derivative of the function f).



(a) For what value(s)of x, if any, does f have a critical point? _____

(b) For what value(s) of x, if any, does f have a local maximum? _____

(c) For what value(s) of x, if any, does f have a local minimum? _____

(d) For what value(s) of x, if any, does f have an inflection point? _____

(e) Over what intervals, if any, is f increasing? _____

(f) Over what intervals, if any, is f concave up? _____