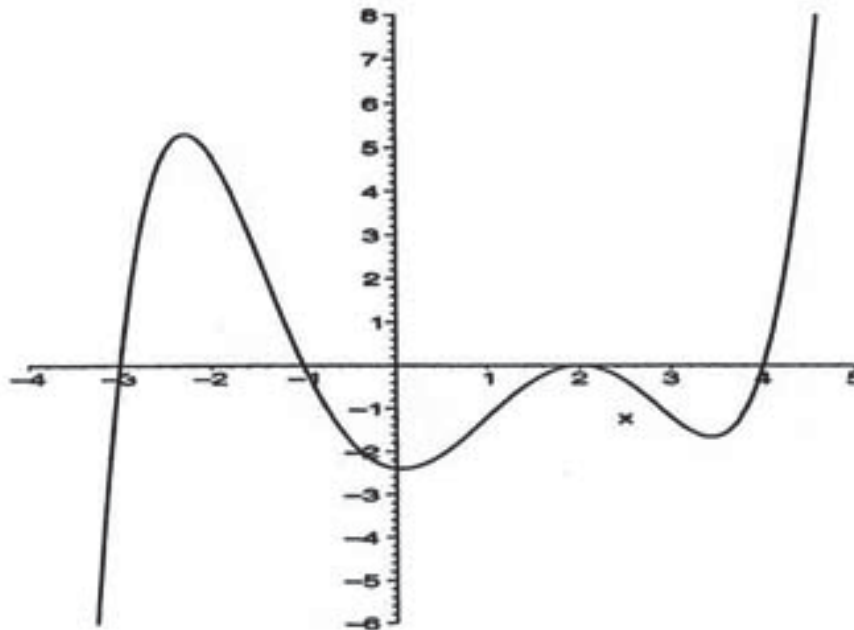6. (11 points) A function f is differentiable at all points and a graph of f', the derivative of f, is shown in the figure.

(a) List all values of x (approximately) that are critical points of f or write "none" if there aren't any.

$$x = \underline{\quad -3, \; -1, \; 2, \; 4 \quad}$$

(b) List all values of x (approximately) where f has a relative maximum or write "none" if there aren't any.

$$x = \underline{\quad -1 \quad}$$

(c) List all values of x (approximately) where f has a relative minimum or or write "none" if there aren't any.

$$x = \underline{\quad -3, \; 4 \quad}$$

(d) List all values of x (approximately) where f has an inflection point or write "none" if there aren't any.

$$x = \underline{\quad -2, \; 0, \; 2, \; 3.5 \quad}$$