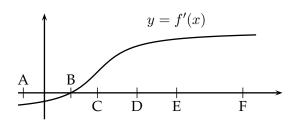
1. (2 points each) Suppose f is a twice-differentiable function. Use the graph of the derivative f', shown below, to answer the following questions. No explanations are required.



(a) At which of the marked *x*-values does *f* attain a global minimum on the interval [A,F]?

B

(b) At which of the marked *x*-values does *f* attain a global maximum on the interval [A,F]?

F

(c) At which of the marked *x*-values does f' attain a global minimum on the interval [A,F]?

Α

(d) At which of the marked x-values does f' attain a global maximum on the interval [A,F]?

F

(e) At which of the marked x-values does f'' attain a global maximum on the interval [A,F]?

С

(f) For which of the marked *x*-values does $\int_{A}^{x} f'(t) dt$ attain a global minimum on the interval [A,F]?

В

(g) For which of the marked *x*-values does $\int_{A}^{x} f'(t) dt$ attain a global maximum on the interval [A,F]?

F