

SKETCH f' FROM f FOR 3 SIMILAR FUNCTIONS

INSTRUCTIONS : FOR EACH GRAPH;

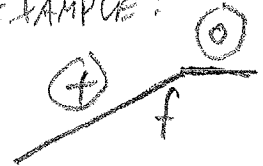
a, MARK $f(x)$ WITH SIGNS

\oplus FOR f INCREASING

\ominus FOR f DECREASING AND

\circ FOR f CONSTANT.

EXAMPLE :



b, WHAT IS THE MEANING OF THE SIGNS

IN TERMS OF $f'(x)$?

c, SKETCH $f'(x)$.

d, DISCUSS THE CONCAVITY OF $f(x)$ IN TERMS OF $f'(x)$ AND $f''(x)$.

