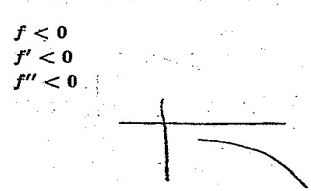
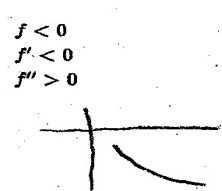
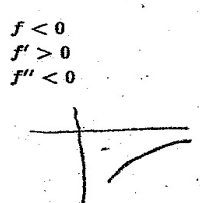
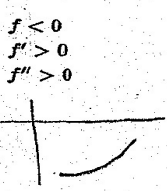
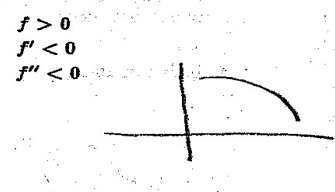
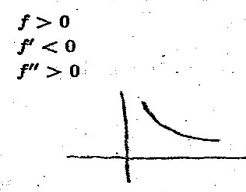
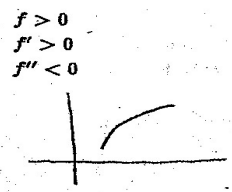
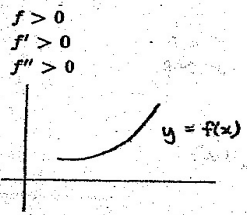


NAME _____
 NUMBER _____

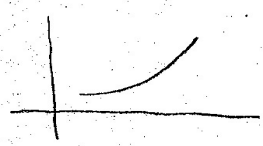
WORKSHEET

The purpose of this worksheet is to give you practice sketching different combinations of function, first derivative, and second derivative information.

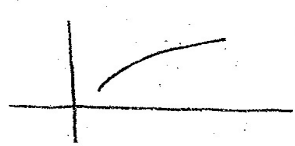
Sketch a graph of a function f that illustrates each set of conditions. The first one is done for you.



$f > 0$
 $f' > 0$
 f' is increasing



$f > 0$
 $f' > 0$
 f' is decreasing



$5 < f < 10$
 $f' < 0$
 f' is decreasing

