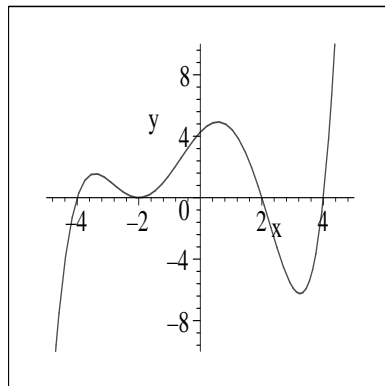


Quiz 7

MATH 139-02

Thursday, February 26, 2004

1. For the function f graphed below, determine where $f''(x)$ is positive and where it is negative. (Indicate your answers on the graph.)



2. Sketch the graph of a function f with the properties that $f''(x) > 0$ and $f'(x) > 0$ for all x .

3. Suppose that f is a function such that $f(4) = 2$ and $f'(4) = 0.25$. Estimate $f(4.1)$.