Quiz #21

Name: Key

You must show your work to get full credit.

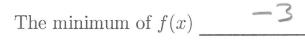
Let

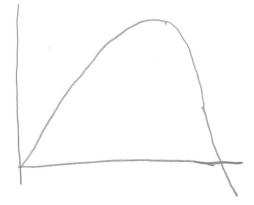
$$f(x) = 1 + 10x - 2^x.$$

For $0 \le x \le 6$ use your calculator to find

The maximum of f(x) = 25.08

x mux = 6





The maximizer of f(x) _____3.85_069

The minimizer of f(x) _____6

From the graph we see the minimizer 15 $\chi=6$ At $\chi=6$ $816)=1+10\cdot6-2^6=1+60-64=-3$ To find the maximum use 2nd calc maximum