

Math 171 - Quiz 7

October 16, 2014

Name _____

Score _____

Show all work to receive full credit. Supply explanations when necessary.

(10 points) Let $f(x) = x^3 - 9x^2 + 15x + 3$ for $-2 \leq x \leq 6$. Find open intervals on which f is increasing/decreasing. Also identify all relative and absolute extreme values.