

Math 171 - Quiz 8

October 24, 2018

Name _____

Score _____

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

1. (4 points) Find the critical numbers of $f(x) = \frac{x^2}{(x-1)}$.

2. (6 points) Find the absolute extreme values of $g(x) = x^3 - 3x^2 + 3x - 1$ on $[-4, 3]$.