

Math 163 — Quiz 01

Thursday August 30th 2012

Instructions Remember to show all your work so you can get partial credit. This quiz is to be done without a calculator.

1. Find an inverse function for $f(x) = x^2 + 1$ when $x \geq 1$ and state its domain.

2. Find the derivative of $g^{-1}(1)$ if $g(x) = 1000x^3 + x^2 + 10x + 1$.