

Quiz 2

Math 101, Term 161

NAME:

ID:

Problem 1. Prove that the two graphs of: $g(x) = \ln(x) + 2$ and $h(x) = x$ intersect at least once.

Problem 2. Find the derivative of the function $f(x) = \sqrt{x}$. Then, use it to find the equation of the tangent line to f at $(4, 2)$.