

Quiz 4

Name: _____

Domain, Range, and Tangent Lines

Math 408D:

Instructor: Athil George

Problem 1. Find the domain and range of the following functions:

1.

$$f(x) = \frac{1}{1 + e^{-x}}$$

2.

$$f(x) = \frac{e^x - e^{-x}}{e^x + e^{-x}}$$