

February 16, 2021

MAC 2311
Quiz 5 - Keeran & York

Remember to show all of your work.

Problem 1. Find the derivative of each of the following functions (no need to simplify your answer)

- $f(x) = \frac{x^4 + 3x^2 - x + 16}{3e^x}$

- $f(x) = \cos(x) \cot(x)$

Problem 2. Find the equation of the tangent line of the function $f(x) = 2\sqrt{x}$ at $x = 9$