

Quiz 6

Name: _____

1. Compute the first derivative of each of the following functions:

(a) $f(x) = \sqrt[3]{x^6 + x^3 + 1}$

(b) $f(x) = (x^2 + x) e^{x^4}$

(c) $f(x) = \frac{e^{2x}}{(x+3)^8}$