

Math 241 Spring 2019 Professor MG

Quiz 4

Name: _____

Show all work and circle/box your final answer. All answers must be simplified unless stated otherwise.

1. Find the derivative of $f(x) = ((4x + 1)^2 + 1)^4$ (You do not need to simplify)

2. Find $\frac{dy}{dx}$ for $x^3 + y^3 = 2xy$ (Note: You need product rule for $2xy$)