

Name _____ Quiz 5, Calculus 1

1) Find the derivative of $f(x) = 2^x(x^3 + 5x)$

2) Find $\frac{d}{dx} \frac{x3^x}{x^2+2}$

3) Let $f(x) = \sqrt{x} + x^{\frac{5}{4}}$. Find $f'(x)$.