

MATH 2B/5B Prep: Derivatives

1. If $f(x) = 3x^3 + 2 \tan(x)$ find $f'(x)$.
2. Find the derivatives of $1/x$ and $1/x^2$.
3. Compute $\frac{d}{dx} \frac{2x^3 + 3x^2 - x}{x^2}$