


Name: _____

QUIZ 8 

MATH 200
September 17, 2024

1. Suppose $f(x) = \sqrt{x} \tan(x)$. Find $f'(x)$.

2. Suppose $y = \frac{\cos(x)}{x}$. Find $\frac{dy}{dx}$.

3. Suppose $y = \frac{1 + x^2}{x \sin(x)}$. Find y' .

4. A function $f(x)$ is graphed below. Suppose $g(x) = x^3 f(x)$. Find $g'(-5)$.

