
Name: _____

QUIZ 25



MATH 200
Due December 5, 2025

1. $\int e^{2x^2} 4x \, dx$

2. $\int \frac{1}{x^2} \sqrt{2 - \frac{1}{x}} \, dx =$

3. $\int \frac{6x^2 + 6}{x^4 + 4x} \, dx =$

4. Find the area under the graph of $x \sin(x^2)$ between 0 and $\sqrt{\pi/6}$.