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Name: \_\_\_\_\_

QUIZ 25



MATH 200  
December 3, 2024

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1.  $\int \frac{(\ln|x|)^3}{x} dx =$

2.  $\int e^x \sqrt{e^x + 1} dx =$

3.  $\int \frac{x + e^x}{x^2 + 2e^x} dx =$

4.  $\int_0^{\sqrt{\pi}} x \sec^2(x^2) dx =$

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1.  $\int \frac{\sec^2(\ln|x|)}{x} dx =$

2.  $\int \cos^5(x) \sin(x) dx =$

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

4.  $\int_0^1 x e^{x^2-1} dx =$