

Group Exam 1

Name: _____

Math 142, 8:00AM

Name of group member: _____

Professor Johnson

Name of group member: _____

Problem 1: Find the antiderivative.

$$\int x^5 \sqrt[3]{2+x^3} dx$$

Signature line: _____

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Problem 2: Find the antiderivative.

$$\int e^{x+e^x} dx$$

Signature line: _____

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Problem 3: Find the area between the curves $y = x^2$ and $y = \frac{2}{3x^2 + 1}$.

Signature line: _____