

INTRODUCTION TO CALCULUS

MATH 1A

UNIT 24: WORKSHEET

Substitution

1:

$$\int x e^{x^2} dx$$

2:

$$\int \sin(2x + 3) dx$$

3:

$$\int \frac{1}{(x + 8)^5} dx$$

4:

$$\int \frac{\log(5x)}{x} dx$$

5:

$$\int \frac{e^x}{(e^x + 5)^2} dx$$