Lecture 28: Worksheet

Substitution

1

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

2

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

3

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

4

$$\int \frac{x}{\sqrt{x^2 + 1}}\ dx$$

5

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

6

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