Drill Handout

Section 5.5

December 10, 2019

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

Evaluate the following integrals:

(1)

$$\int xe^{-x^2}dx$$

(2)

$$\int \frac{\cos(\sqrt{x}+1)}{\sqrt{x}} dx$$

(3)

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

(4)

$$\int_0^3 \frac{x}{\sqrt{x^2 + 1}} dx$$

(5)

$$\int_{e}^{e^2} \frac{1}{x \ln x} dx$$