

1 Differentiation Tutorial Sheet 5: Integration By Parts

1.

2. Evaluate the following Integral

$$\int x^2 dx$$

3.

4. Evaluate the following Integral

$$\int x^2 dx$$

5.

6. Evaluate the following Integral

$$\int x^2 dx$$

7.

8. Evaluate the following Integral

$$\int x^2 dx$$

9.

10. Evaluate the following Integral

$$\int x^2 dx$$

11.

12. Evaluate the following Integral

$$\int x^2 dx$$