

## Tabla de integrales

1.  $\int x^2 dx =$

2.  $\int x^3 dx =$

3.  $\int 1 dx =$

4.  $\int x dx =$

5.  $\int x^p dx =$                       donde  $p \neq -1$ .

6.  $\int \sqrt{x} dx =$

7.  $\int x\sqrt{x} dx =$

8.  $\int \frac{dx}{x^2} =$

9.  $\int \frac{dx}{\sqrt{x}} =$

10.  $\int \frac{dx}{x\sqrt{x}} =$

11.  $\int \frac{dx}{x} =$

12.  $\int e^x dx =$

13.  $\int a^x dx =$                       donde  $a > 0, a \neq 1$ .

14.  $\int \cos(x) dx =$

15.  $\int \text{sen}(x) dx =$

16.  $\int \frac{dx}{\cos(x)^2} =$

17.  $\int \frac{dx}{\text{sen}(x)^2} =$

18.  $\int \frac{dx}{x^2 + 1} =$

19.  $\int \frac{dx}{\sqrt{1 - x^2}} =$

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