

$$\int x^n dx =$$

$$\int x^n dx = \frac{x^{n+1}}{n+1} + C$$

$$\int e^x dx =$$

$$\int e^x dx = e^x + C$$

$$\int \frac{1}{x} dx =$$

$$\int \frac{1}{x} dx = \ln|x| + C$$

$$\int \cos x \, dx =$$

$$\int \cos x \, dx = \sin x + C$$

$$\int \sin x \, dx =$$

$$\int \sin x \, dx = -\cos x + C$$

$$\int \sec^2 x \, dx =$$

$$\int \sec^2 x \, dx = \tan x + C$$

$$\int \csc^2 x \, dx =$$

$$\int \csc^2 x \, dx = -\cot x + C$$

$$\int \sec x \tan x \, dx$$

$$\int \sec x \tan x \, dx = \sec x + C$$

$$\int \csc x \cot x \, dx$$

$$\int \csc x \cot x \, dx = -\csc x + C$$

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

$$\int \frac{1}{x^2+1} dx = \tan^{-1}x + C$$

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

$$\int \frac{1}{\sqrt{1-x^2}} dx = \sin^{-1}(x) + C$$