

$$\int \text{constant } dx$$

$$\int x^n dx$$

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

$$\int \sin x dx$$

$$\int \cos x dx$$

$$\int \tan x dx$$

$$\int \sec x dx$$

$$\int \csc x dx$$

$$\int \cot x dx$$

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

$$\frac{x^{n+1}}{n+1} + C; \quad n \neq -1$$

$$\text{constant} \cdot x + C$$

$$-\cos x + C$$

$$\ln|x| + C$$

$$\ln|\sec x| + C$$

$$\sin x + C$$

$$\ln|\csc x - \cot x| + C$$

$$\ln|\sec x + \tan x| + C$$

$$\tan x + C$$

$$\ln|\sin x| + C$$

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

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

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

$$\int e^x \, dx$$

$$\int a^x \, dx$$

$$\int \ln x \, dx$$

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

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

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

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

$$-\cot x + C$$

$$\sec x + C$$

$$e^x + C$$

$$-\csc x + C$$

$$x \ln x - x + C$$

$$\frac{a^x}{\ln a} + C$$

$$\arcsin x + C$$

$$\arctan x + C$$

$$\ln |\sin x| + C$$

$$\sec^{-1} |x| + C$$