$$\int a\,dx = ax \qquad a \in \mathbb{R}$$

$$\int x^n\,dx = \frac{x^{n+1}}{n+1} \qquad n \in \mathbb{N}$$

$$\int x^\alpha\,dx = \frac{x^{\alpha+1}}{\alpha+1} \qquad \alpha \in \mathbb{R} \setminus \{-1\}$$

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

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

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

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

$$\int \frac{1}{\cos^2 x}dx = \operatorname{tg} x$$

$$\int \frac{1}{\sin^2 x}dx = -\operatorname{cotg} x$$

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

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

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

$$\int \frac{1}{1+x^2}dx = -\operatorname{arccotg} x$$