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

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

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

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

$$\int a^x \, dx = \frac{a^x}{\ln a} + C,$$

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

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

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

$$\int \frac{f'(x)}{f(x)} \, dx = \ln \left| f(x) \right| + C.$$

Pravidla pro neurčitý integrál:

$$\int c \,.\, f(x) \, dx = c \int f(x) \, dx.$$

$$\int \left[f(x) \pm g(x) \right] dx = \int f(x) \, dx \pm \int g(x) \, dx.$$

Per partes:

$$\int u'(x) \,.\, v(x) \, dx = u(x) \,.\, v(x) - \int u(x) \,.\, v'(x) \, dx.$$