	Funkce jednoduché	Funkce složené
I	$\int dx = x + C \quad \int k\,dx = kx + C$	
II	$\int x^n dx = \frac{x^{n+1}}{n+1} + C, n \neq -1$ $\int (Ax+B)^n dx = \frac{(Ax+B)^{n+1}}{A(n+1)} + C, n \neq -1$	$\int f(x)^n f'(x)dx = \frac{[f(x)]^{n+1}}{n+1} + C, n \neq -1$
III	$\int x^{-1}dx = \int \frac{1}{x}dx = \ln x + C, x \neq 0$ $\int \frac{1}{Ax+B}dx = \ln(Ax+B) + C$	$\int \frac{f'(x)}{f(x)}dx = \ln f(x) + C$
IV	$\int a^x dx = \frac{a^x}{\ln a} + C, a > 0, a \neq 1$	$\int a^{f(x)} f'(x)dx = \frac{a^{f(x)}}{\ln a} + C$
V	$\int e^x dx = e^x + C$	$\int e^{f(x)} f'(x)dx = e^{f(x)} + C$
VI	$\int \sin x\,dx = -\cos x + C$	$\int \sin f(x)f'(x)dx = -\cos f(x) + C$
VII	$\int \cos x\,dx = \sin x + C$	$\int \cos f(x)f'(x)dx = \sin f(x) + C$
VIII	$\int \frac{1}{\cos^2 x}dx = \operatorname{tg} x + C, x \neq (2k+1)\frac{1}{2}\pi$	$\int \frac{f'(x)}{\cos^2 f(x)}dx = \operatorname{tg} f(x) + C$
IX	$\int \frac{1}{\sin^2 x}dx = -\operatorname{cotg} x + C, x \neq k\pi$	$\int \frac{f'(x)}{\sin^2 f(x)}dx = -\operatorname{cotg} f(x) + C$
X	$\int \frac{1}{\sqrt{A^2-x^2}}dx = \arcsin \frac{x}{A} + C, A > 0, |x| < A$	$\int \frac{f'(x)}{\sqrt{A^2-f^2(x)}}dx = \arcsin \frac{f(x)}{A} + C$
XI	$\int \frac{1}{\sqrt{x^2+B}}dx = \ln|x + \sqrt{x^2+B}| + C$	$\int \frac{f'(x)}{\sqrt{f^2(x)+B}}dx = \ln|f(x) + \sqrt{f^2(x)+B}| + C$
XII	$\int \frac{1}{A^2+x^2}dx = \frac{1}{A}\operatorname{arctg} \frac{x}{A} + C, x \neq A$	$\int \frac{f'(x)}{A^2+f^2(x)}dx = \frac{1}{A}\operatorname{arctg} \frac{f(x)}{A} + C$
XIII	$\int \frac{1}{A^2-x^2}dx = \frac{1}{2A}\ln\left|\frac{A+x}{A-x}\right| + C$	$\int \frac{f'(x)}{A^2-f^2(x)}dx = \frac{1}{2A}\ln\left|\frac{A+f(x)}{A-f(x)}\right| + C$
XIV	$\int [k_1\,f_1(x) + \ldots + k_n\,f_n(x)]dx = k_1 \int f_1(x)dx + \ldots + k_n \int f_n(x)dx$	
	Integrace metodou per-partes	
XV	$\int u'(x)v(x)dx = u(x)v(x) - \int u(x)v'(x)dx$	

$k \ldots$ celé číslo $(k \in N)$