$$F(x) = \int f(x)\,dx$$

$f(x)$	$F(x)$
$g(x) \pm h(x)$	$G(x) \pm H(x) + C$
$cg(x), c \in \mathbb{R}$	$cG(x) + C$
$g'(x) \cdot h(x)$	$g(x) \cdot h(x) - \int g(x) \cdot h'(x)dx + C$
$g\big(h(t)\big)h'(t)$	$G(x) + C$
a	$ax + C$
$x^a, a \neq -1$	$\dfrac{x^{a+1}}{a+1} + C$
$\dfrac{1}{x}$	$\ln\lvert x\rvert + C$
$a^x, a > 0, a \neq 1$	$\dfrac{a^x}{\ln a} + C$
e^x	$e^x + C$
xe^x	$(x-1)e^x + C$
$\log_a x$	$\dfrac{x(\ln x - 1)}{\ln a} + C$
$\ln x$	$x(\ln x - 1) + C$
$\dfrac{1}{x \ln x}$	$\ln\lvert \ln x \rvert + C$
$\operatorname{sen} x$	$-\cos x + C$
$\cos x$	$\operatorname{sen} x + C$
$\sec^2 x$	$\operatorname{tg} x + C$
$\csc^2 x$	$-\operatorname{cotg} x + C$
$\sec x \cdot \operatorname{tg} x$	$\sec x + C$
$\csc x \cdot \operatorname{cotg} x$	$-\csc x + C$
$\operatorname{tg} x$	$\ln \lvert \sec x \rvert + C$
$\operatorname{cotg} x$	$\ln \lvert \operatorname{sen} x \rvert + C$
$\sec x$	$\ln \lvert \sec x + \operatorname{tg} x \rvert + C$
$\csc x$	$\ln \lvert \csc x - \operatorname{cotg} x \rvert + C$
$\operatorname{tg}^2 x$	$\operatorname{tg} x - x + C$
$\dfrac{1}{a^2 + x^2}$	$\dfrac{1}{a} \operatorname{arc\,tg} \dfrac{x}{a} + C$
$\dfrac{1}{x^2 - a^2}$	$\dfrac{1}{2a} \ln \left\lvert \dfrac{x-a}{x+a} \right\rvert + C$
$\dfrac{1}{\sqrt{a^2 - x^2}}$	$\operatorname{arc\,sen} \dfrac{x}{a} + C$
$\dfrac{1}{\sqrt{x^2 \pm a^2}}$	$\ln \lvert x + \sqrt{x^2 \pm a^2} \rvert + C$
$\dfrac{1}{\lvert x \rvert \sqrt{x^2 - a^2}}$	$\dfrac{1}{a} \operatorname{arc\,sec} \dfrac{x}{a} + C$
$\operatorname{arc\,sen} x$	$x \operatorname{arc\,sen} x + \sqrt{1 - x^2} + C$
$\operatorname{arc\,cos} x$	$x \operatorname{arc\,cos} x - \sqrt{1 - x^2} + C$
$\operatorname{arc\,tg} x$	$x \operatorname{arc\,tg} x - \dfrac{1}{2} \ln(1 + x^2) + C$