Tabla de primitivas C2

$f(x)$	$\int f(x)\,\mathrm{d}x$
a (constante)	$ax + c$
$(x+t)^\alpha,\ \alpha \in \mathbb{R} \setminus \{-1\}, t \in \mathbb{R}$	$\dfrac{(x+t)^{\alpha+1}}{\alpha+1} + c$
$\dfrac{1}{x+t},\ t \in \mathbb{R}$	$\ln|x+t| + c$
$\exp(ax),\ a \neq 0$	$\dfrac{1}{a}\exp(ax) + c$
$\operatorname{sen}(x)$	$-\cos(x) + c$
$\cos(x)$	$\operatorname{sen}(x) + c$
$\tan(x)$	$-\ln|\cos(x)| + c$
$\sec^2(x)$	$\tan(x) + c$
$\csc^2(x)$	$-\cot(x) + c$
$\operatorname{senh}(x)$	$\cosh(x) + c$
$\cosh(x)$	$\operatorname{senh}(x) + c$
$\dfrac{1}{\sqrt{a^2 - x^2}},\ a > 0$	$\arcsin\left(\dfrac{x}{a}\right) + c$
$\dfrac{1}{\sqrt{x^2 - a^2}},\ a > 0$	$\operatorname{arccosh}\left(\dfrac{x}{a}\right) + c$
$\dfrac{x}{\sqrt{a^2 - x^2}},\ a \neq 0$	$-\sqrt{a^2 - x^2} + c$
$\dfrac{x}{\sqrt{x^2 - a^2}},\ a \neq 0$	$\sqrt{x^2 - a^2} + c$
$\dfrac{1}{a^2 + x^2},\ a > 0$	$\dfrac{1}{a}\arctan\left(\dfrac{x}{a}\right) + c$