Formulaire de primitives

$f(x)$	$F(x)$
1	$x + C$
x^n	$\dfrac{x^{n+1}}{n+1} + C \ (n \neq -1)$
$\dfrac{1}{x}$	$\ln \lvert x \rvert + C$
$\sin x$	$-\cos x + C$
$\cos x$	$\sin x + C$
$\dfrac{1}{\cos^2 x}$	$\tan x + C$
$-\dfrac{1}{\sin^2 x}$	$\cot x + C$
e^x	$e^x + C$
a^x	$\dfrac{a^x}{\ln a} + C$
$\dfrac{1}{\sqrt{1-x^2}}$	$\arcsin x + C$ $-\arccos x + C$
$\dfrac{1}{x^2+1}$	$\arctan x$

$f(x)$	$F(x)$
$g'(x).[g(x)]^n$	$\dfrac{g(x)^{n+1}}{n+1} + C \ (n \neq -1)$
$\dfrac{g'(x)}{g(x)}$	$\ln \lvert g(x) \rvert + C$
$g'(x).\sin g(x)$	$-\cos g(x) + C$
$g'(x).\cos g(x)$	$\sin g(x) + C$
$\dfrac{g'(x)}{\cos^2 g(x)}$	$\tan g(x) + C$
$-\dfrac{g'(x)}{\sin^2 g(x)}$	$\cot g(x) + C$
$g'(x).e^{g(x)}$	$e^{g(x)} + C$
$g'(x).a^{g(x)}$	$\dfrac{a^{g(x)}}{\ln a} + C$
$\dfrac{g'(x)}{\sqrt{1-g(x)^2}}$	$\arcsin g(x) + C$ $-\arccos g(x) + C$
$\dfrac{g'(x)}{g(x)^2+1}$	$\arctan g(x)$