const	0
x	1
$\log_a x$	$\frac{1}{x \ln a}$
$\ln x$	$\frac{1}{x}$
a^x	$a^x \ln a$
e^x	e^x
x^α	$\alpha x^{\alpha-1}$
$\sin x$	$\cos x$
$\cos x$	$-\sin x$
$\tan x$	$\frac{1}{(\cos(x))^2} / 1 + (\tan(x))^2$
$f(x) + g(x)$	$f'(x) + g'(x)$
$cf(x)$	$cf'(x)$
$f(x) \times g(x)$	$f'(x) \times g(x) + f(x) \times g'(x)$
$\frac{f(x)}{g(x)}$	$\frac{f'(x) \times g(x) - f(x) \times g'(x)}{(g(x))^2}$
$f(g(x))$	$f'(g(x)) \times g'(x)$
$\frac{1}{f(x)}$	$-\frac{f'(x)}{(f(x))^2}$
$f^{-1}(f(x))$	$\frac{1}{f'(x)}$
$\cot x$	$1 + (\cot(x))^2 / -\frac{1}{(\sin(x))^2}$
$\arctan x$	$\frac{1}{1+x^2}$
$\operatorname{arccot} x$	$-\frac{1}{1+x^2}$