

$f(x)$	$f'(x)$
x	1
$x^k, k \neq 0$	kx^{k-1}
e^x	e^x
$\log(x)$	$\frac{1}{x}$
$\sin(x)$	$\cos(x)$
$\cos(x)$	$-\sin(x)$
$\operatorname{tg}(x)$	$\frac{1}{\cos^2(x)}$

$$(f + g)' = f' + g'$$

$$(fg)' = f'g + fg'$$

$$\left(\frac{f}{g}\right)' = \frac{f'g - fg'}{g^2}$$