

FUNCIÓN	DERIVADA	FUNCIÓN	DERIVADA
$y = k$	$y' = 0$		
$y = x$	$y' = 1$		
$y = x^n$	$y' = n \cdot x^{n-1}$	$y = f^n(x)$	$y' = n \cdot f(x)^{n-1} \cdot f'(x)$
$y = \sqrt{x}$	$y' = \frac{1}{2\sqrt{x}}$	$y = \sqrt{f(x)}$	$y' = \frac{f'(x)}{2\sqrt{f(x)}}$
$y = \sqrt[n]{x}$	$y' = \frac{1}{n\sqrt[n]{x^{n-1}}}$	$y = \sqrt[n]{f(x)}$	$y' = \frac{f'(x)}{n\sqrt[n]{f^{n-1}(x)}}$
$y = a^x$	$y' = a^x \cdot \text{Ln } a$	$y = a^{f(x)}$	$y' = a^{f(x)} \cdot \text{Ln } a \cdot f'(x)$
$y = e^x$	$y' = e^x$	$y = e^{f(x)}$	$y' = e^{f(x)} \cdot f'(x)$
$y = \log_a x$	$y' = \frac{1}{x \cdot \text{Ln } a}$	$y = \log_a f(x)$	$y' = \frac{f'(x)}{f(x) \cdot \text{Ln } a}$
$y = \text{Ln } x$	$y' = \frac{1}{x}$	$y = \text{Ln } f(x)$	$y' = \frac{f'(x)}{f(x)}$
$y = \text{sen } x$	$y' = \text{cos } x$	$y = \text{sen } f(x)$	$y' = \text{cos } f(x) \cdot f'(x)$
$y = \text{cos } x$	$y' = -\text{sen } x$	$y = \text{cos } f(x)$	$y' = -\text{sen } f(x) \cdot f'(x)$
$y = \text{tag } x$	$y' = 1 + \text{tag}^2 x = \frac{1}{\text{cos}^2 x}$	$y = \text{tag } f(x)$	$y' = \frac{f'(x)}{\text{cos}^2 f(x)} = [1 + \text{tag}^2 f(x)] \cdot f'(x)$
$y = \text{arcsen } x$	$y' = \frac{1}{\sqrt{1-x^2}}$	$y = \text{arcsen } f(x)$	$y' = \frac{f'(x)}{\sqrt{1-f^2(x)}}$
$y = \text{arccos } x$	$y' = \frac{-1}{\sqrt{1-x^2}}$	$y = \text{arccos } f(x)$	$y' = \frac{-f'(x)}{\sqrt{1-f^2(x)}}$
$y = \text{arctag } x$	$y' = \frac{1}{1+x^2}$	$y = \text{arctag } f(x)$	$y' = \frac{f'(x)}{1+f^2(x)}$