ÁLGEBRA DE DERIVADAS	
$f(x) = g(x) \pm h(x)$	$f'(x) = g'(x) \pm h'(x)$
$f(x) = g(x) \cdot h(x)$	$f'(x) = g'(x) \cdot h(x) + g(x) \cdot h'(x)$
$f(x) = \dfrac{g(x)}{h(x)}$	$f'(x) = \dfrac{g'(x) \cdot h(x) - g(x) \cdot h'(x)}{h(x)^2}$, si $h(x) \neq 0$.
$f(x) = g(h(x))$	$f'(x) = g'(h(x)) \cdot h'(x)$ (Regla de la CADENA)

TABLA DE DERIVADAS DE LAS FUNCIONES ELEMENTALES

Funciones elementales		Funciones compuestas (usando la Regla de la Cadena)	
$f(x) = a$	$f'(x) = 0$		
$f(x) = x$	$f'(x) = 1$		
$f(x) = a\,x$	$f'(x) = a$	$f(x) = a\,g(x)$	$f'(x) = a\,g'(x)$
$f(x) = a\,x + b$	$f'(x) = a$	$f(x) = a\,g(x) + b$	$f'(x) = a\,g'(x)$
$f(x) = x^2$	$f'(x) = 2x$	$f(x) = g(x)^2$	$f'(x) = 2\,g(x)\,g'(x)$
$f(x) = \sqrt{x}$	$f'(x) = \dfrac{1}{2\sqrt{x}}$	$f(x) = \sqrt{g(x)}$	$f'(x) = \dfrac{1}{2\sqrt{g(x)}}\,g'(x)$
$f(x) = x^n\ (n \neq 0)$	$f'(x) = n\,x^{n-1}$	$f(x) = g(x)^n$	$f'(x) = n\,g(x)^{n-1}\,g'(x)$
$f(x) = e^x$	$f'(x) = e^x$	$f(x) = e^{g(x)}$	$f'(x) = e^{g(x)}\,g'(x)$
$f(x) = a^x\ (a > 0)$	$f'(x) = a^x\,\ln(a)$	$f(x) = a^{g(x)}$	$f'(x) = a^{g(x)}\ln(a)g'(x)$
$f(x) = \ln(x)$	$f'(x) = \dfrac{1}{x}$	$f(x) = \ln(g(x))$	$f'(x) = \dfrac{1}{g(x)}\,g'(x)$
$f(x) = \log_b(x)$	$f'(x) = \dfrac{1}{x\,\ln(b)}$	$f(x) = \log_b(g(x))$	$f'(x) = \dfrac{1}{g(x)\,\ln(b)}\,g'(x)$
$f(x) = \operatorname{sen}(x)$	$f'(x) = \cos(x)$	$f(x) = \operatorname{sen}(g(x))$	$f'(x) = \cos(g(x))\,g'(x)$
$f(x) = \cos(x)$	$f'(x) = -\operatorname{sen}(x)$	$f(x) = \cos(g(x))$	$f'(x) = -\operatorname{sen}(g(x))g'(x)$
$f(x) = \tan(x)$	$f'(x) = \dfrac{1}{\cos^2(x)}$	$f(x) = \tan(g(x))$	$f'(x) = \dfrac{1}{\cos^2(g(x))}\,g'(x)$
$f(x) = \operatorname{arc\,sen}(x)$	$f'(x) = \dfrac{1}{\sqrt{1-x^2}}$	$f(x) = \operatorname{arc\,sen}(g(x))$	$f'(x) = \dfrac{1}{\sqrt{1-g(x)^2}}\,g'(x)$
$f(x) = \operatorname{arc\,cos}(x)$	$f'(x) = \dfrac{-1}{\sqrt{1-x^2}}$	$f(x) = \operatorname{arc\,cos}(g(x))$	$f'(x) = \dfrac{-1}{\sqrt{1-g(x)^2}}\,g'(x)$
$f(x) = \arctan(x)$	$f'(x) = \dfrac{1}{1+x^2}$	$f(x) = \arctan(g(x))$	$f'(x) = \dfrac{1}{1+g(x)^2}\,g'(x)$