FUNCIÓN	DERIVADA	FUNCIÓN COMPUESTA	DERIVADA
$f(x)= k$	$f'(x)=0$		
$f(x)= x$	$f'(x)= 1$		
$f(x)= kx$	$f'(x)= k$	$f(x)= k\,u(x)$	$f'(x)=k\,u'(x)$
$f(x)= x^n$	$f'(x)= nx^{n-1}$	$f(x)= u^n(x)$	$f'(x)= n\,u^{n-1}(x)\,u'(x)$
$f(x)=\sqrt{x}$	$f'(x)= \frac{1}{2\sqrt{x}}$	$f(x)= \sqrt{u(x)}$	$f'(x)=\frac{u'(x)}{2\sqrt{u(x)}}$
$f(x)=\sqrt[n]{x}$	$f'(x)= \frac{1}{n\sqrt[n]{x^{n-1}}}$	$f(x)= \sqrt[n]{u(x)}$	$f'(x)= \frac{u'(x)}{n\sqrt[n]{(u(x))^{n-1}}}$
$f(x)=\sqrt[n]{x}$	$f'(x)= \frac{1}{n\sqrt[n]{x^{n-1}}}$	$f(x)= \sqrt[n]{u(x)}$	$f'(x)= \frac{u'(x)}{n\sqrt[n]{(u(x))^{n-1}}}$
$f(x)= e^x$	$f'(x)= e^x$	$f(x)= e^{u(x)}$	$f'(x)=e^{u(x)}\,u'(x)$
$f(x)= a^x$	$f'(x)= a^x \ln(a)$	$f(x)= a^{u(x)}$	$f'(x)= a^{u(x)}\,u'(x)\ln(a)$
$f(x)= \log_a(x)$	$f'(x)= \frac{1}{x}\log_a(e)$	$f(x)= \log_a(u(x))$	$f'(x)= \frac{u'(x)}{u(x)}\log_a(e)$
$f(x)= \ln(x)$	$f'(x)= \frac{1}{x}$	$f(x)= \ln(u(x))$	$f'(x)= \frac{u'(x)}{u(x)}$
$f(x)= \text{Sen}(x)$	$f'(x)= \text{Cos}(x)$	$f(x)= \text{Sen}(u(x))$	$f'(x)= \text{Cos}(u(x))\,u'(x)$
$f(x)= \text{Cos}(x)$	$f'(x)= -\text{Sen}(x)$	$f(x)= \text{Cos}(u(x))$	$f'(x)= -\text{Sen}(u(x))\,u'(x)$

$f(x)= Tg\,(x)$	$f'(x)= \frac{1}{Cos^2(x)}$ $f'(x)=1+Tg^2(x)$ $f'(x)=Sec^2(x)$	$f(x)= Tg(u(x))$	$f'(x)=\frac{u'(x)}{Cos^2(u(x))}$ $f'(x)=(1+Tg^2(u(x))\ u'(x)$ $f'(x)=Sec^2(u(x))\ u'(x)$
$f(x)= Cotg\,(x)$	$f'(x)= \frac{-1}{Sen^2(x)}$ $f'(x)= -1- Cotg^2(x)$ $f'(x)= - Cosec^2(x)$	$f(x)= Cotg\,(u(x))$	$f'(x)=\frac{-u'(x)}{Sen^2(u(x))}$ $f'(x)= (-1- Cotg^2(u(x))\ u'(x)$
$f(x)= Arcsen\,(x)$	$f'(x)= \frac{1}{\sqrt{1-x^2}}$	$f(x)= Arcsen\,(u(x))$	$f'(x)=\frac{u'(x)}{\sqrt{1- u^2(x)}}$
$f(x)= Arccos\,(x)$	$f'(x)= \frac{-1}{\sqrt{1-x^2}}$	$f(x)= Arccos\,(u(x))$	$f'(x)=\frac{- u'(x)}{\sqrt{1- u^2(x)}}$
$f(x)= Arctg\,(x)$	$f'(x)= \frac{1}{1+x^2}$	$f(x)= Arctg\,(u(x))$	$f'(x)=\frac{u'(x)}{1+ u^2(x)}$
$f(x)=Arccotg(x)$	$f'(x)=\frac{-1}{1+x^2}$	$f(x)=Arccotg(u(x))$	$f'(x)=\frac{-u'(x)}{1+ u^2(x)}$
$f \cdot g$	$f' \cdot g + f \cdot g'$		
$\frac{f}{g}$	$\frac{f' \cdot g - f \cdot g'}{g^2}$		