

$(a, C, \alpha - \text{const})$	$(a, C, \alpha - \text{const})$
$(C)' = 0$	$(C)' = 0$
$(x^\alpha)' = \alpha x^{\alpha-1}$	$(x^\alpha)' = \alpha x^{\alpha-1}$
$(a^x)' = a^x \ln a$	$(a^x)' = a^x \ln a$
$(e^x)' = e^x$	$(e^x)' = e^x$
$(\log_a x)' = \frac{1}{x \ln a}$	$(\log_a x)' = \frac{1}{x \ln a}$
$(\ln x)' = \frac{1}{x}$	$(\ln x)' = \frac{1}{x}$
$(\sin x)' = \cos x$	$(\sin x)' = \cos x$
$(\cos x)' = -\sin x$	$(\cos x)' = -\sin x$
$(u(x) \cdot v(x))' = u'(x)v(x) + u(x)v'(x)$	$(u(x) \cdot v(x))' = u'(x)v(x) + u(x)v'(x)$
$\left(\frac{u(x)}{v(x)}\right)' = \frac{u'(x)v(x) - u(x)v'(x)}{v^2(x)}$	$\left(\frac{u(x)}{v(x)}\right)' = \frac{u'(x)v(x) - u(x)v'(x)}{v^2(x)}$
$(cf(x))' = cf'(x)$	$(cf(x))' = cf'(x)$
$(f(g(x)))' = f'(g(x))g'(x)$	$(f(g(x)))' = f'(g(x))g'(x)$
$(u(x) + v(x))' = u'(x) + v'(x)$	$(u(x) + v(x))' = u'(x) + v'(x)$
$tg'(x) = \frac{1}{\cos^2 x}$	$tg'(x) = \frac{1}{\cos^2 x}$
$ctg'(x) = -\frac{1}{\sin^2 x}$	$ctg'(x) = -\frac{1}{\sin^2 x}$
$(\arcsin(x))' = \frac{1}{\sqrt{1-x^2}}$	$(\arcsin(x))' = \frac{1}{\sqrt{1-x^2}}$
$(\arccos(x))' = -\frac{1}{\sqrt{1-x^2}}$	$(\arccos(x))' = -\frac{1}{\sqrt{1-x^2}}$
$(\text{arctg}(x))' = \frac{1}{1+x^2}$	$(\text{arctg}(x))' = \frac{1}{1+x^2}$
$(\text{arcctg}(x))' = -\frac{1}{1+x^2}$	$(\text{arcctg}(x))' = -\frac{1}{1+x^2}$