

$$\begin{array}{llll}
c' = 0 & [cf]' = cf' & [f + g]' = f' + g' & \\
[fg]' = f'g + fg' & \left[\frac{f}{g}\right]' = \frac{f'g - fg'}{g^2} & [f(g(x))]' = f'(g(x)) \cdot g'(x) & [x^n]' = nx^{n-1} \\
[e^x]' = e^x & [\ln x]' = \frac{1}{x} & [a^x]' = a^x \ln a & [\log_a x]' = \frac{1}{x \ln a} \\
[\sin x]' = \cos x & [\cos x]' = -\sin x & [\operatorname{tg} x]' = \frac{1}{\cos^2 x} & [\operatorname{cotg} x]' = \frac{-1}{\sin^2 x} \\
[\arcsin x]' = \frac{1}{\sqrt{1-x^2}} & [\arccos x]' = \frac{-1}{\sqrt{1-x^2}} & [\operatorname{arctg} x]' = \frac{1}{1+x^2} & [\operatorname{arccotg} x]' = \frac{-1}{1+x^2}
\end{array}$$