Funzione (forma elementare)	Derivata funzione elementare	Funzione (forma composta)	Derivata funzione composta
$k, \quad k \in \mathbb{R}$	0		
$x^n, \quad n \neq -1$	nx^{n-1}	$[f(x)]^n$	$n[f(x)]^{n-1} \cdot f'(x)$
$\sqrt{x}$	$\dfrac{1}{2\sqrt{x}}$	$\sqrt{f(x)}$	$\dfrac{1}{2\sqrt{f(x)}} \cdot f'(x)$
e^x	e^x	$e^{f(x)}$	$e^{f(x)} \cdot f'(x)$
a^x	$a^x \cdot \ln a$	$a^{f(x)}$	$a^{f(x)} \cdot \ln a \cdot f'(x)$
$\ln x$	$\dfrac{1}{x}$	$\ln f(x)$	$\dfrac{1}{f(x)} \cdot f'(x)$
$\log_a x$	$\dfrac{1}{x \ln a}$	$\log_a f(x)$	$\dfrac{1}{f(x) \ln a} \cdot f'(x)$
$\sin x$	$\cos x$	$\sin f(x)$	$\cos f(x) \cdot f'(x)$
$\cos x$	$-\sin x$	$\cos f(x)$	$-\sin f(x) \cdot f'(x)$
$\tan x$	$\dfrac{1}{\cos^2 x}$	$\tan f(x)$	$\dfrac{f'(x)}{\cos^2 f(x)}$
$\cot x$	$-\dfrac{1}{\sin^2 x}$	$\cot f(x)$	$-\dfrac{f'(x)}{\sin^2 f(x)}$
$\arcsin x$	$\dfrac{1}{\sqrt{1-x^2}}$	$\arcsin f(x)$	$\dfrac{1}{\sqrt{1-[f(x)]^2}} \cdot f'(x)$
$\arccos x$	$-\dfrac{1}{\sqrt{1-x^2}}$	$\arccos f(x)$	$-\dfrac{1}{\sqrt{1-[f(x)]^2}} \cdot f'(x)$
$\arctan x$	$\dfrac{1}{1+x^2}$	$\arctan f(x)$	$\dfrac{1}{1+[f(x)]^2} \cdot f'(x)$
$\text{arc}\cot x$	$-\dfrac{1}{1+x^2}$	$\text{arc}\cot f(x)$	$-\dfrac{1}{1+[f(x)]^2} \cdot f'(x)$