Nr.	Derivate
1	$c^{'} = 0$
2	$x' = 1$
3	$\left(x^n\right)^{'} = \mathrm{n}x^{n-1}$
4	$\left(\sqrt{x}\right)^{'} = \frac{1}{2\sqrt{x}}$
5	$\left(\frac{1}{x}\right)^{'} = -\frac{1}{x^2}$
6	$\left(e^x\right)^{'} = e^x$
7	$\left(a^x\right)^{'} = a^x \ln a$
8	$\left(\ln x\right)^{'} = \frac{1}{x}$
9	$\left(\log_a x\right)^{'} = \frac{1}{x \ln a}$
10	$\left(\mathrm{arctg}\, x\right)^{'} = \frac{1}{x^2+1}$
11	$\left(\mathrm{arcctg}\, x\right)^{'} = -\frac{1}{x^2+1}$
12	$\left(\arcsin x\right)^{'} = \frac{1}{\sqrt{1-x^2}}$
13	$\left(\arccos x\right)^{'} = -\frac{1}{\sqrt{1-x^2}}$
14	$\left(\sin x\right)^{'} = \cos x$
15	$\left(\cos x\right)^{'} = -\sin x$
16	$\left(\mathrm{tg}\, x\right)^{'} = \frac{1}{\cos^2 x}$
17	$\left(\mathrm{ctg}\, x\right)^{'} = -\frac{1}{\sin^2 x}$
18	$\left(\sqrt{x^2-a^2}\right)^{'} = \frac{x}{\sqrt{x^2-a^2}}$
19	$\left(\sqrt{x^2+a^2}\right)^{'} = \frac{x}{\sqrt{x^2+a^2}}$
20	$\left(\sqrt{a^2-x^2}\right)^{'} = -\frac{x}{\sqrt{a^2-x^2}}$

Nr.	Integrale nedefinite
1	$\int dx = x + C$
2	$\int x dx = \frac{x^2}{2} + C$
3	$\int x^n dx = \frac{x^{n+1}}{n+1} + C$
4	$\int \sqrt{x} dx = \frac{2}{3} x\sqrt{x} + C$
5	$\int e^x dx = e^x + C$
6	$\int a^x dx = \frac{a^x}{\ln a} + C$
7	$\int \frac{1}{x} dx = \ln\lvert x\rvert + C$
8	$\int \frac{1}{x^2-a^2} dx = \frac{1}{2a} \ln\left\lvert\frac{x-a}{x+a}\right\rvert + C$
9	$\int \frac{1}{x^2+1} dx = \mathrm{arctg}\, x + C$
10	$\int \frac{1}{x^2+a^2} dx = \frac{1}{a} \mathrm{arctg} \frac{x}{a} + C$
11	$\int \frac{1}{\sqrt{x^2-a^2}} dx = \ln\left\lvert x + \sqrt{x^2-a^2}\right\rvert + C$
12	$\int \frac{1}{\sqrt{x^2+a^2}} dx = \ln\left(x + \sqrt{x^2+a^2}\right) + C$
13	$\int \frac{1}{\sqrt{1-x^2}} dx = \arcsin x + C$
14	$\int \frac{1}{\sqrt{a^2-x^2}} dx = \arcsin \frac{x}{a} + C$
15	$\int \sin x\, dx = -\cos x + C$
16	$\int \cos x\, dx = \sin x + C$
17	$\int \mathrm{tg} x dx = -\ln\lvert\cos x\rvert + C$
18	$\int \mathrm{ctg} x dx = \ln\lvert\sin x\rvert + C$
19	$\int \frac{1}{\cos^2 x} dx = \mathrm{tg}\, x + C$
20	$\int \frac{1}{\sin^2 x} dx = -\mathrm{ctg}\, x + C$
21	$\int \frac{x}{\sqrt{x^2-a^2}} dx = \sqrt{x^2-a^2} + C$
22	$\int \frac{x}{\sqrt{x^2+a^2}} dx = \sqrt{x^2+a^2} + C$
23	$\int \frac{x}{\sqrt{a^2-x^2}} dx = -\sqrt{a^2-x^2} + C$

Nr. crt.	Operaţii	Formule
1	$(f \pm g)' = f' \pm g'$	Derivarea funcţiilor compuse $(f(u))' = f'(u) \cdot u'$
2	$(f \cdot g)' = f' \cdot g + f \cdot g'$	
3	$(cf)' = c \cdot f'$	
4	$\left(\frac{f}{g}\right)' = \frac{f' \cdot g - f \cdot g'}{g^2}$	Derivata fucţiei inverse $(f^{-1})'(y) = \frac{1}{f'(x)}, \quad unde\ y = f(x)$
5	$\int [f(x) + g(x)]dx = \int f(x)dx + \int g(x)dx$	Formula Leibniz-Newton $\int_a^b f(x)dx = F(x)\Big\|_a^b = F(b) - F(a), F\ o\ primitiva\ f$
6	$\int \alpha \cdot f(x)dx = \alpha \int f(x)dx$	Integrarea prin părţi $\int_a^b f(x)g'(x)dx = f(x)g(x)\Big\|_a^b - \int_a^b f'(x)g(x)dx$
7	$\int [f(x) - g(x)]dx = \int f(x)dx - \int g(x)dx$	Prima schimbare de variabilă $\int_a^b f(\varphi(x)) \cdot \varphi'(x)dx = \int_{\varphi(a)}^{\varphi(b)} f(t)dt$