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

Nr.	Integrale nedefinite
1	$\int 1\ dx = x + C$
1	$\int a\ dx = ax + C$
2	$\int x\ dx = \dfrac{x^2}{2} + C$
2	$\int x^n\ dx = \dfrac{x^{n+1}}{n+1} + C$
3	$\int \sqrt{x}\ dx = \dfrac{2}{3} x\sqrt{x} + C$
4	$\int e^x\ dx = e^x + C$
4	$\int e^{-x}\ dx = -e^{-x} + C$
4	$\int e^{\alpha x}\ dx = \dfrac{e^{\alpha x}}{\alpha} + C$
5	$\int a^x\ dx = \dfrac{a^x}{\ln a} + C$
5	$\int a^{\alpha x}\ dx = \dfrac{a^{\alpha x}}{\alpha \ln a} + C$
6	$\int \dfrac{1}{x}\ dx = \ln|x| + C$
6	$\int \dfrac{1}{x \pm a}\ dx = \ln|x \pm a| + C$
6	$\int \dfrac{1}{ax \pm b}\ dx = \dfrac{1}{a}\ln|ax \pm b| + C$
7	$\int \dfrac{1}{x^2-a^2}\ dx = \dfrac{1}{2a}\ln\left|\dfrac{x-a}{x+a}\right| + C$
8	$\int \dfrac{x}{x^2-a^2}\ dx = \dfrac{1}{2}\ln|x^2 - a^2| + C$
8	$\int \dfrac{x}{x^2+a^2}\ dx = \dfrac{1}{2}\ln(x^2 + a^2) + C$
9	$\int \dfrac{1}{x^2+1}\ dx = \text{arctg } x + C$
9	$\int \dfrac{1}{x^2+a^2}\ dx = \dfrac{1}{a}\text{arctg } \dfrac{x}{a} + C$

10	$\int \frac{1}{\sqrt{x^2-a^2}}\,dx = \ln\left|x+\sqrt{x^2-a^2}\right| + C$
	$\int \frac{1}{\sqrt{x^2+a^2}}\,dx = \ln\left(x+\sqrt{x^2+a^2}\right) + C$
11	$\int \frac{1}{\sqrt{a^2-x^2}}\,dx = \arcsin\frac{x}{a} + C$
12	$\int \frac{x}{\sqrt{x^2\pm a^2}}\,dx = \sqrt{x^2\pm a^2} + C$
	$\int \frac{x}{\sqrt{a^2-x^2}}\,dx = -\sqrt{a^2-x^2} + C$
13	$\int \sin x\,dx = -\cos x + C$
	$\int \sin \alpha x\,dx = -\frac{\cos\alpha x}{\alpha} + C$

14	$\int \cos x\,dx = \sin x + C$
	$\int \cos \alpha x\,dx = \frac{\sin\alpha x}{\alpha} + C$
15	$\int \frac{1}{\cos^2 x}\,dx = \operatorname{tg} x + C$
16	$\int \frac{1}{\sin^2 x}\,dx = -\operatorname{ctg} x + C$
17	$\int \operatorname{tg} x\,dx = -\ln|\cos x| + C$
18	$\int \operatorname{ctg} x\,dx = \ln|\sin x| + C$

Nr.	Operatii & Formule
1	$(f \pm g)' = f' \pm g'$
2	$(f \cdot g)' = f' \cdot g + f \cdot g'$
3	$(cf)' = c \cdot f'$ C e o constanta/numar (ascuns)
4	$\left(f(u)\right)' = f'(u) \cdot u'$
5	$\left(\frac{f}{g}\right)' = \frac{f'\cdot g - f\cdot g'}{g^2}$
6	$\int [f(x) \pm g(x)]\,dx = \int f(x)\,dx \pm \int g(x)\,dx$
7	$\int \alpha \cdot f(x)\,dx = \alpha \int f(x)\,dx$
8	$\int [f(x)]'\,dx = f(x) + C$
9	$\int f(x)g'(x)\,dx = f(x)g(x) - \int f'(x)g(x)\,dx$
	$\int_a^b f(x)g'(x)\,dx = f(x)g(x)\,\big|_a^b - \int_a^b f'(x)g(x)\,dx$
10	$\int_a^b f(x)\,dx = F(x)\,\big|_a^b = F(b) - F(a)$ F e o primitiva f

11	$\int_a^a f(x)\,dx = 0$
12	$\int_a^b f(x)\,dx = -\int_b^a f(x)\,dx$

Nr.	Drepte
1	Ecuatia tangentei la Gf in punctul $A(x_0, f_{(x_0)})$ $t: y - f(x_0) = f'(x_0)(x - x_0)$
2	Panta tangentei $m_t = f'(x_0)$
3	$\lim\limits_{x\to x_0} \frac{f(x)-f(x_0)}{x-x_0} = f'(x_0)$