טבלת הנגזרות

1	$(c)' = 0$ (c - קבוע)	2	$x' = 1$
3	$(u+v+w)' = u'+v'+w'$ (u, v, w - פונקציות של x)	4	$(u \cdot v)' = u'v + uv'$
5	$(c \cdot u)' = cu'$	6	$\left(\frac{u}{v}\right)' = \frac{u'v - uv'}{v^2}$
7	$\left(\frac{u}{c}\right)' = \frac{u'}{c}$	8	$\left(\frac{c}{v}\right)' = -\frac{c}{v^2} \cdot v'$
9	$(x^\alpha)' = \alpha \cdot x^{\alpha-1}$ α - מספר ממשי	10	$(u^\alpha)' = \alpha \cdot u^{\alpha-1} u'$
11	$(\sqrt{x})' = \frac{1}{2\sqrt{x}}$	12	$(\sqrt{u})' = \frac{1}{2\sqrt{u}} \cdot u'$
13	$(\ell^x)' = \ell^x$ $\ell \approx 2.7\ldots$	14	$(\ell^u)' = \ell^u \cdot u'$
15	$(a^x)' = a^x \cdot \ln a$ (a - קבוע) $a > 1$	16	$(a^u)' = a^u \ln a \cdot u'$
17	$(\ln x)' = \frac{1}{x}$	18	$(\ln u)' = \frac{1}{u} \cdot u'$
19	$(\log_a u)' = \frac{1}{u \ln a} \cdot u'$	20	$(\sin x)' = \cos x$
21	$(\sin u)' = \cos u \cdot u'$	22	$(\cos x)' = -\sin x$
23	$(\cos u)' = -\sin u \cdot u'$	24	$(\tan x)' = \frac{1}{\cos^2 x}$
25	$(\tan u)' = \frac{1}{\cos^2 u} \cdot u'$	26	$(\cot x)' = -\frac{1}{\sin^2 x}$
27	$(\cot u)' = -\frac{1}{\sin^2 u} \cdot u'$	28	$(\arcsin u)' = \frac{1}{\sqrt{1-u^2}} \cdot u'$
29	$(\arccos u)' = -\frac{1}{\sqrt{1-u^2}} \cdot u'$	30	$(\arctan u)' = \frac{u'}{1+u^2}$
31	$(arc\cot u)' = -\frac{u'}{1+u^2}$	32	$\left(f[g(x)]\right)' = f'[g(x)] \cdot g'(x)$
33	$y'' = (y')'$	34	$x'_y = \frac{1}{y'_x}$