$DK=0$	
$Dlog_a x=\frac{1}{xlna}$	
$Dg[f(x)]=g'[f(x)]\cdot f'(x)$	
$D[f(x)\cdot g(x)]=f'(x)\cdot g(x)+f(x)\cdot g'(x)$	
$D\sqrt{x}=\frac{1}{2\sqrt{(x)}}$	
$D\frac{1}{f(x)}=\frac{f'(x)}{f^2(x)}$	
$D\frac{f(x)}{g(x)}=\frac{f'(x)\cdot g(x)-f(x)\cdot g'(x)}{g^2(x)}$	
$Dx=1$	$\int 1\,dx=x+c$
	$\int x\,dx=\frac{x^2}{2}+c$
$De^x=e^x$	$\int e^x\,dx=e^x+c$
$Da^x=a^x lna$	$\int a^x\,dx=\frac{a^x}{lna}$
$Dsenx=cosx$	$\int cosx\,dx=senx+c$
$Dcosx=-senx$	$\int senx\,dx=-cosx+c$
$Dtgx=\frac{1}{\cos^2 x}$ *oppure* $1+tg^2 x$	$\int \frac{1}{\cos^2 x}dx=tgx+c$
$Dctgx=-\frac{1}{sen^2 x}$ *oppure* $-1-ctg^2 x$	$\int \frac{1}{sen^2 x}dx=-ctgx+c$
$Darcsenx=\frac{1}{\sqrt{1-x^2}}$	$\int \frac{1}{\sqrt{1-x^2}}dx=arcsenx+c$
$Darccos=-\frac{1}{\sqrt{1-x^2}}$	
$Dx^\alpha=\alpha\, x^{\alpha-1}$	$\int x^\alpha\,dx=\frac{x^{\alpha+1}}{\alpha+1}+c \quad \alpha\neq-1$
$Darctgx=\frac{1}{1+x^2}$	$\int \frac{1}{1+x^2}dx=arctgx+c$
$Darcctgx=-\frac{1}{1+x^2}$	
$Dlnx=\frac{1}{x}$	$\int \frac{1}{x}dx=\ln\lvert x\rvert+c$
$D[Kf(x)]=K\cdot Df(x)$	$\int K\,f(x)\,dx=K\int f(x)\,dx$
$D[f(x)+g(x)]=f'(x)+g'(x)$	$\int [f(x)+g(x)]dx=\int f(x)\,dx+\int g(x)\,dx$

$Dcos[f(x)]=-sen[f(x)]\cdot f'(x)$	$\int sen[g(x)]\cdot g'(x)=-\cos[g(x)]+c$
$Dsen[f(x)]=\cos[f(x)]\cdot f'(x)$	$\int \cos[g(x)]\cdot g'(x)dx=sen[g(x)]+c$
$Dtg[f(x)]=\frac{1}{\cos^2 f(x)}\cdot f'(x)$	$\int \frac{g'(x)}{\cos^2 g(x)}=tg[g(x)]+c$
$Darctg[f(x)]=\frac{f'(x)}{1+f^2(x)}$	$\int \frac{g'(x)}{1+g^2(x)}=arctgx+c$
$Darcosen[f(x)]=\frac{f'(x)}{\sqrt{1-f^2(x)}}$	$\int \frac{g'(x)}{\sqrt{1-g^2(x)}}=arcsen[g(x)]+c$
$Darccos[f(x)]=-\frac{f'(x)}{\sqrt{1-f^2(x)}}$	
$D[f(x)]^{\alpha}=\alpha[f(x)]^{\alpha-1}\cdot f'(x)$	$\int [g(x)]^{\alpha}\cdot g'(x)dx=\frac{[g(x)]^{\alpha+1}}{\alpha+1}+c$
$Dlnf(x)=\frac{1}{f(x)}\cdot f'(x)$	$\int \frac{g'(x)}{g(x)}dx=\ln\lvert g(x)\rvert+c$
$De^{f(x)}=e^{f(x)}\cdot f'(x)$	$\int e^{g(x)}\cdot g'(x)dx=e^{g(x)}+c$
$D\,a^{f(x)}=a^{f(x)}\cdot lna\cdot f'(x)$	$\int a^{g(x)}\cdot g'(x)dx=\frac{a^{g(x)}}{lna}+c$
$Dlog_a f(x)=\frac{1}{f(x)lna}\cdot f'(x)$	
$D\sqrt{f(x)}=\frac{f'(x)}{2\sqrt{f(x)}}$	
$D[f(x)]^{g(x)}=[f(x)]^{g(x)}\cdot[g(x)lnf(x)+g(x)\frac{f'(x)}{f(x)}]$	
	$\int \frac{g'(x)}{sen^2 g(x)}dx=-ctg[g(x)]+c$