

'diff(5·sin(x)·cos(x)-1/x);

$$\operatorname{del}\left(5 \cos (x) \sin (x)-\frac{1}{x}\right)$$

diff(5·sin(x)·cos(x)-1/x,x);

$$-5 \sin (x)^2+5 \cos (x)^2+\frac{1}{x^2}$$

'diff(sqrt(x)/(x-7));

$$\operatorname{del}\left(\frac{\sqrt{x}}{x-7}\right)$$

diff(sqrt(x)/(x-7));

$$\left(\frac{1}{2(x-7)\sqrt{x}}-\frac{\sqrt{x}}{(x-7)^2}\right)\operatorname{del}(x)$$

'diff(2·3^x+x^3·lnx);

$$\operatorname{del}\left(2 3^x+\ln x x^3\right)$$

diff(2·3^x+x^3·lnx);

$$(2 \log (3) 3^x+3 \ln x x^2) \operatorname{del}(x)+x^3 \operatorname{del}(\ln x)$$

'diff((x-1)/cos(x));

$$\operatorname{del}\left(\frac{x-1}{\cos (x)}\right)$$

diff((x-1)/cos(x));

$$\left(\frac{(x-1) \sin (x)}{\cos (x)^2}+\frac{1}{\cos (x)}\right) \operatorname{del}(x)$$