

“What to say in front of the blackboard” – a brief tutorial

Exercise: Calculate the derivative of  $\sin^3 x + \sin^2 x + \sin x$

$$(\sin^3 x + \sin^2 x + \sin x)' =$$



*the derivative of sine cubic of x  
plus sine square of x plus sine of x*

$$3\sin^2 x * \cos x$$



*three sine square of x times  
the cosine of x, plus...*

+

$$2\sin x * \cos x$$



*...two sine of x times the  
cosine of x, plus...*

+

$$\cos x$$



*...the cosine of x*

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