Differentiator

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1 Derivative

Differentiate the function f $= x^2$
It is not difficult to notice that
$(x)' = 1$

It is easy to lead to the form
$(x^2)' = 2 \cdot x^{(2-1)} \cdot 1 = 2 \cdot x$

Thus we have f$' = 2 \cdot x$