

1 Differentiator

wazzzuuuup, shut up and take my money.

Ostap once said:

$$(\cos x)' = \sin x \cdot (-1) \cdot 1$$

Znamenskaya forbade doing this, but:

$$(\cos x^2)' = 2 \cdot \cos x^{2-1} \cdot \sin x \cdot (-1) \cdot 1$$

every kindergartener in the USSR knew that:

$$(\sin x)' = \cos x \cdot 1$$

Znamenskaya forbade doing this, but:

$$(\sin x^2)' = 2 \cdot \sin x^{2-1} \cdot \cos x \cdot 1$$

the derivative of the sum can be represented as follows:

$$(\sin x^2 + \cos x^2)' = 2 \cdot \sin x^{2-1} \cdot \cos x \cdot 1 + 2 \cdot \cos x^{2-1} \cdot \sin x \cdot (-1) \cdot 1$$