

$$\begin{aligned}
& \text{Calculating } ((\sin(x) + 3 \cdot y) \cdot x + 12)' = \text{Calculating}((\sin(x) + 3 \cdot y) \cdot x)' \\
& = \\
& \text{Calculating } ((\sin(x) + 3 \cdot y))' = \text{Calculating}(\sin(x))' = \\
& \text{Calculating } (x)' = 1 \\
& \text{Calculating } (3 \cdot y)' = \\
& \text{Calculating } (3)' = 0 \\
& \text{Calculating } (y)' = \frac{dy}{dx} \\
& \text{Calculating } (x)' = 1 \\
& \text{Calculating } (12)' = 0
\end{aligned}$$