

$$\begin{aligned} & \left((\sin(x+x^2)) \cdot (\ln(x)) + \cos(x+3) \right)' = ((\cos(x+x^2)) \cdot (1+(2) \cdot (x^{2-1}))) \cdot (\ln(x)) + \\ & (\sin(x+x^2)) \cdot \left(\frac{1}{x}\right) + -(\sin(x+3)) \end{aligned}$$