

$$\log_e (1000 - 7) * (1000 - 7)^x * 1 + (1000 - 7) * x^{1000 - 7 - 1} * 1 + \log_e e * e^{x * \log_e x} * \left(1 * \log_e x + x * \frac{1}{\log_e e * x} \right)$$