

The great derivative

Dodo

November 2022

Welcome to derivative calculator, here is the step by step results of the calculations.

A programm was given an input expression:

$$X \cdot 2 + X + (0) \ln(X) \quad (1)$$

Let's calculate a derivative of the one part

$$\left(\frac{1}{X}\right) \cdot (1) \quad (2)$$

Then let's simplify it

$$\left(\frac{1}{X}\right) \cdot (1) \quad (3)$$

Let's calculate a derivative of the one part

$$1 + \left(\frac{1}{X}\right) \cdot (1) \quad (4)$$

Then let's simplify it

$$1 + \left(\frac{1}{X}\right) \cdot (1) \quad (5)$$

Let's calculate a derivative of the one part

$$1 \cdot 2 + X \cdot 0 \quad (6)$$

Then let's simplify it

$$2 \quad (7)$$

Let's calculate a derivative of the one part

$$2 + 1 + \left(\frac{1}{X}\right) \cdot (1) \quad (8)$$

Then let's simplify it

$$2 + 1 + \left(\frac{1}{X}\right) \cdot (1) \quad (9)$$

Let's calculate a derivative of the one part

$$2 + 1 + \left(\frac{1}{X}\right) \cdot (1) \quad (10)$$

Then let's simplify it

$$2 + 1 + \left(\frac{1}{X}\right) \cdot (1) \quad (11)$$

The solution is pretty simple and you definitely can do it **yourself**