

CrInGeCrInGe Production. Super cringe introduction here:
 Let's calculate smth with expression given: $f(\text{DimasIq}) =$

$$\text{DimasIq}^{3.000} \cdot \ln \text{DimasIq}$$

Firstly, let's insert all constants and simplify it:

$$\text{DimasIq}^{3.000} \cdot \ln \text{DimasIq}$$

BRITISH SCIENTISTS WERE SHOCKED, WHEN THEY COUNT IT!!! IN
 THE POINT ($\text{DimasIq} = 3.000$)IT'S VALUE = 29.663 !!!

1 step: finding a derivation of function:

$$\text{DimasIq}$$

here it is:

$$1.000$$

2 step: finding a derivation of function:

$$\ln \text{DimasIq}$$

here it is:

$$\frac{1.000}{\text{DimasIq}}$$

3 step: finding a derivation of function:

$$\text{DimasIq}$$

here it is:

$$1.000$$

4 step: finding a derivation of function:

$$\text{DimasIq}^{3.000}$$

here it is:

$$3.000 \cdot \text{DimasIq}^{2.000}$$

5 step: finding a derivation of function:

$$\text{DimasIq}^{3.000} \cdot \ln \text{DimasIq}$$

here it is:

$$3.000 \cdot \text{DimasIq}^{2.000} \cdot \ln \text{DimasIq} + \frac{1.000}{\text{DimasIq}} \cdot \text{DimasIq}^{3.000}$$

Congratulations! The first derivation of the expression is:

$$3.000 \cdot \text{DimasIq}^{2.000} \cdot \ln \text{DimasIq} + \frac{1.000}{\text{DimasIq}} \cdot \text{DimasIq}^{3.000}$$

IN THE POINT ($DimasIq = 3.000$)IT'S VALUE = 38.663 !!!

Let's calculate the 2 derivation of the expression:

Calculating the 1 derivation of the expression:

1 step: finding a derivation of function:

$$DimasIq$$

here it is:

$$1.000$$

2 step: finding a derivation of function:

$$\ln DimasIq$$

here it is:

$$\frac{1.000}{DimasIq}$$

3 step: finding a derivation of function:

$$DimasIq$$

here it is:

$$1.000$$

4 step: finding a derivation of function:

$$DimasIq^{3.000}$$

here it is:

$$3.000 \cdot DimasIq^{2.000}$$

5 step: finding a derivation of function:

$$DimasIq^{3.000} \cdot \ln DimasIq$$

here it is:

$$3.000 \cdot DimasIq^{2.000} \cdot \ln DimasIq + \frac{1.000}{DimasIq} \cdot DimasIq^{3.000}$$

Calculating the 2 derivation of the expression:

1 step: finding a derivation of function:

$$DimasIq$$

here it is:

$$1.000$$

2 step: finding a derivation of function:

$$DimasIq^{3.000}$$

here it is:

$$3.000 \cdot DimasIq^{2.000}$$

3 step: finding a derivation of function:

$$DimasIq$$

here it is:

$$1.000$$

4 step: finding a derivation of function:

$$1.000$$

here it is:

$$0.000$$

5 step: finding a derivation of function:

$$\frac{1.000}{DimasIq}$$

here it is:

$$\frac{(-1.000) \cdot 1.000}{DimasIq^{2.000}}$$

6 step: finding a derivation of function:

$$\frac{1.000}{DimasIq} \cdot DimasIq^{3.000}$$

here it is:

$$\frac{(-1.000)}{DimasIq^{2.000}} \cdot DimasIq^{3.000} + 3.000 \cdot DimasIq^{2.000} \cdot \frac{1.000}{DimasIq}$$

7 step: finding a derivation of function:

$$DimasIq$$

here it is:

$$1.000$$

8 step: finding a derivation of function:

$$\ln DimasIq$$

here it is:

$$\frac{1.000}{DimasIq}$$

9 step: finding a derivation of function:

$$DimasIq$$

here it is:

$$1.000$$

10 step: finding a derivation of function:

$$DimasIq^{2.000}$$

here it is:

$$2.000 \cdot DimasIq$$

11 step: finding a derivation of function:

$$3.000$$

here it is:

$$0.000$$

12 step: finding a derivation of function:

$$3.000 \cdot DimasIq^{2.000}$$

here it is:

$$3.000 \cdot 2.000 \cdot DimasIq$$

13 step: finding a derivation of function:

$$3.000 \cdot DimasIq^{2.000} \cdot \ln DimasIq$$

here it is:

$$3.000 \cdot 2.000 \cdot DimasIq \cdot \ln DimasIq + \frac{1.000}{DimasIq} \cdot 3.000 \cdot DimasIq^{2.000}$$

14 step: finding a derivation of function:

$$3.000 \cdot DimasIq^{2.000} \cdot \ln DimasIq + \frac{1.000}{DimasIq} \cdot DimasIq^{3.000}$$

here it is:

$$3.000 \cdot 2.000 \cdot DimasIq \cdot \ln DimasIq + \frac{1.000}{DimasIq} \cdot 3.000 \cdot DimasIq^{2.000} + \frac{(-1.000)}{DimasIq^{2.000}} \cdot DimasIq^{3.000} +$$

Finally... The 2 derivation of the expression:

$$3.000 \cdot 2.000 \cdot DimasIq \cdot \ln DimasIq + \frac{1.000}{DimasIq} \cdot 3.000 \cdot DimasIq^{2.000} + \frac{(-1.000)}{DimasIq^{2.000}} \cdot DimasIq^{3.000} +$$

BRITISH SCIENTISTS WERE SHOCKED, WHEN THEY COUNT THE 2
DERIVATION OF THIS EXPRESSION!!! IN THE POINT (DimasIq = 3.000)IT'S
VALUE = 34.775 !!!

Partial derivation of the expression on the variable 'DimasIq':

$$3.000 \cdot DimasIq^{2.000} \cdot \ln DimasIq + \frac{1.000}{DimasIq} \cdot DimasIq^{3.000}$$

IN THE POINT (DimasIq = 3.000) IT'S VALUE = 38.662532 !!!

Full derivation:

$$\sqrt{(3.000 \cdot DimasIq^{2.000} \cdot \ln DimasIq + \frac{1.000}{DimasIq} \cdot DimasIq^{3.000})^{2.000}}$$

IN THE POINT (DimasIq = 3.000)IT'S VALUE = 38.663 !!!

Let's consider the expression as a function of DimasIq variable: f(DimasIq)

=

$$DimasIq^{3.000} \cdot \ln DimasIq$$

Maklorens formula for DimasIq near to 3.000000:

$$29.663 + 38.663 \cdot (DimasIq - 3.000) + 17.388 \cdot (DimasIq - 3.000)^{2.000} + 2.932 \cdot (DimasIq - 3.000)^{3.000}$$

And remainig member is o maloe from:

$$(DimasIq - 3.000)^{3.000}$$

Graph f(DimasIq):

Tangent equation in point 1.000: f(DimasIq) =

$$DimasIq - 1.000$$

Normal equation in point 1.000: f(DimasIq) =

$$(-1.000) \cdot (DimasIq - 1.000) + 0.000$$