Let's calculate smth with a given function: $f(x, y) = \sin x \cdot y^{2.000}$ Firstly, let's insert all constants and simplify this expression: $f(x, y) = \sin x \cdot y^{2.000}$ BRITISH SCIENTISTS WERE SHOCKED, WHEN THEY COUNT IT!!! In the point (x = 3.000, y = 2.000) it's value = 0.564 Personally, I've always thought about first derivation of something like that function... Haven't you? But now, by using informatics and math skills I feel that I'm prepared enough to calculate it! 1 step. finding a derivation of: While preparing for exams, I learned a lot of new things, for example: (y)' = 1.0002 step. finding a derivation of: It's really easy to find: $(y^{2.000})' = 2.000 \cdot y$ 3 step. finding a derivation of: My roommate mumbled it in his sleep all night: (x)' = 1.0004 step. finding a derivation of: Sounds logical that it is the same as: $(\sin x)' = \cos x$ 5 step. finding a derivation of: For centuries, people have hunted for the secret knowledge that: $(\sin x \cdot y^{2.000})' = \cos x \cdot y^{2.000} + 2.000 \cdot y \cdot \sin x$ Congratulations! The first derivation of the expression is: In the point (x = 3.000, y = 2.000) it's value = -3.395 Let's calculate the 4 derivation of the expression: Calculating the 1 derivation of the expression: 1 step. finding a derivation of: Sounds logical that it is the same as: (y)' = 1.0002 step. finding a derivation of: It's really easy to find: $(y^{2.000})' = 2.000 \cdot y$ 3 step. finding a derivation of: My roommate mumbled it in his sleep all night: (x)' = 1.0004 step. finding a derivation of: What if it equals: $(\sin x)' = \cos x$ 5 step. finding a derivation of: It's really easy to find: $(\sin x \cdot y^{2.000})' = \cos x \cdot y^{2.000} + 2.000 \cdot y \cdot \sin x$ Calculating the 2 derivation of the expression: 1 step. finding a derivation of: Even my two-aged sister knows that it equals: (x)' = 1.0002 step. finding a derivation of: When I was child, my father always told me: "Remember, son: $(\sin x)' = \cos x$ 3 step. finding a derivation of: I spend the hole of my life to find the answer and finally it's: (y)' = 1.0004 step. finding a derivation of: Man... Just look: (2.000)' = 0.0005 step. finding a derivation of: For centuries, people have hunted for the secret knowledge that: $(2.000 \cdot y)' = 2.000$ 6 step. finding a derivation of: It's really easy to find: $(2.000 \cdot y \cdot \sin x)' = 2.000 \cdot \sin x + \cos x \cdot 2.000 \cdot y$ 7 step. finding a derivation of: It's simple as fuck: (y)' = 1.0008 step. finding a derivation of: thanks to the results of my colleagues' scientific work, I know that it equals: $(y^{2.000})' = 2.000 \cdot y$ 9 step. finding a derivation of: When I was child, my father always told me: "Remember, son: (x)' = 1.00010 step. finding a derivation of: It's really easy to find: $(\cos x)' = (-1.000) \cdot \sin x$

CrIn GeCrIn GeProduction. Supercringe introduction here: $\sin x$ $\sin x \cdot y^{2.000}$ $\cos x \cdot y^{2.000} + 2.000 \cdot y \cdot \sin x$ $y^{2.000}$ $\sin x$ $\sin x \cdot y^{2.000}$ $\sin x$ 2.000 $2.000 \cdot y$ $2.000 \cdot y \cdot \sin x$

 $\cos x$

```
11 step. finding a derivation of:
 I was asked not to tell anyone that: (\cos x \cdot y^{2.000})' = (-1.000) \cdot \sin x \cdot y^{2.000} + 2.000 \cdot y \cdot \cos x
 12 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                \cos x \cdot y^{2.000} + 2.000 \cdot y \cdot \sin x
 For centuries, people have hunted for the secret knowledge that: (\cos x \cdot y^{2.000} + 2.000 \cdot y \cdot \sin x)' = (-1.000) \cdot \sin x \cdot y^{2.000} + 2.000 \cdot y \cdot \cos x + 2.000 \cdot \sin x + \cos x \cdot 2.000 \cdot y
 Calculating the 3 derivation of the expression:
 1 step. finding a derivation of:
 My roommate mumbled it in his sleep all night: (y)' = 1.000
 2 step. finding a derivation of:
 What if it equals: (2.000)' = 0.000
 3 step. finding a derivation of:
 Even my two-aged sister knows that it equals: (2.000 \cdot y)' = 2.000
 4 step. finding a derivation of:
 I spend the hole of my life to find the answer and finally it's: (x)' = 1.000
 5 step. finding a derivation of:
 Even my two-aged sister knows that it equals: (\cos x)' = (-1.000) \cdot \sin x
6 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                       \cos x \cdot 2.000 \cdot y
 While preparing for exams, I learned a lot of new things, for example: (\cos x \cdot 2.000 \cdot y)' = (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x
 7 step. finding a derivation of:
 When I was child, my father always told me: "Remember, son: (x)' = 1.000
 8 step. finding a derivation of:
 Sounds logical that it is the same as: (\sin x)' = \cos x
 9 step. finding a derivation of:
 A true prince must know that it equals: (2.000)' = 0.000
 10 step. finding a derivation of:
 My roommate mumbled it in his sleep all night: (2.000 \cdot \sin x)' = 2.000 \cdot \cos x
 11 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                2.000 \cdot \sin x + \cos x \cdot 2.000 \cdot y
 My roommate mumbled it in his sleep all night: (2.000 \cdot \sin x + \cos x \cdot 2.000 \cdot y)' = 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x
 12 step. finding a derivation of:
 If someone asked me that in the middle of the night, I wouldn't hesitate to say: (x)' = 1.000
 13 step. finding a derivation of:
 A true prince must know that it equals: (\cos x)' = (-1.000) \cdot \sin x
 14 step. finding a derivation of:
 My roommate mumbled it in his sleep all night: (y)' = 1.000
 15 step. finding a derivation of:
 While preparing for exams, I learned a lot of new things, for example: (2.000)' = 0.000
 16 step. finding a derivation of:
 It's really easy to find: (2.000 \cdot y)' = 2.000
 17 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                       2.000 \cdot y \cdot \cos x
 It's really easy to find: (2.000 \cdot y \cdot \cos x)' = 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y
 18 step. finding a derivation of:
When I was child, my father always told me: "Remember, son: (y)' = 1.000
 19 step. finding a derivation of:
What if it equals: (y^{2.000})' = 2.000 \cdot y
 20 step. finding a derivation of:
 If someone asked me that in the middle of the night, I wouldn't hesitate to say: (x)' = 1.000
 21 step. finding a derivation of:
 thanks to the results of my colleagues' scientific work, I know that it equals: (\sin x)' = \cos x
 22 step. finding a derivation of:
 A true prince must know that it equals: ((-1.000))' = 0.000
```

 $\cos x \cdot y^{2.000}$

2.000

 $2.000 \cdot y$

 $\cos x$

 $\sin x$

2.000

 $2.000 \cdot \sin x$

 $\cos x$

2.000

 $2.000 \cdot y$

 $\sin x$

(-1.000)

```
23 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (-1.000) \cdot \sin x
  A true prince must know that it equals: ((-1.000) \cdot \sin x)' = (-1.000) \cdot \cos x
  24 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (-1.000) \cdot \sin x \cdot y^{2.000}
  When I was child, my father always told me: "Remember, son: ((-1.000) \cdot \sin x \cdot y^{2.000})' = (-1.000) \cdot \cos x \cdot y^{2.000} + 2.000 \cdot y \cdot (-1.000) \cdot \sin x
  25 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (-1.000) \cdot \sin x \cdot y^{2.000} + 2.000 \cdot y \cdot \cos x
  For centuries, people have hunted for the secret knowledge that: ((-1.000) \cdot \sin x \cdot y^{2.000} + 2.000 \cdot y \cdot \cos x)' = (-1.000) \cdot \cos x \cdot y^{2.000} + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y
  26 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (-1.000) \cdot \sin x \cdot y^{2.000} + 2.000 \cdot y \cdot \cos x + 2.000 \cdot \sin x + \cos x \cdot 2.000 \cdot y
  A true prince must know that it equals: ((-1.000) \cdot \sin x \cdot y^{2.000} + 2.000 \cdot y \cdot \cos x + 2.000 \cdot \sin x + \cos x \cdot 2.000 \cdot y)' = (-1.000) \cdot \sin x + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \cos x + (
  Calculating the 4 derivation of the expression:
  1 step. finding a derivation of:
  I spend the hole of my life to find the answer and finally it's: (x)' = 1.000
  2 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   \cos x
  It's simple as fuck: (\cos x)' = (-1.000) \cdot \sin x
  3 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2.000
  For centuries, people have hunted for the secret knowledge that: (2.000)' = 0.000
  4 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2.000 \cdot \cos x
  It's really easy to find: (2.000 \cdot \cos x)' = 2.000 \cdot (-1.000) \cdot \sin x
  5 step. finding a derivation of:
  It's really easy to find: (y)' = 1.000
 6 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2.000
  I spend the hole of my life to find the answer and finally it's: (2.000)' = 0.000
  7 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2.000 \cdot y
  I was asked not to tell anyone that: (2.000 \cdot y)' = 2.000
  8 step. finding a derivation of:
  If someone asked me that in the middle of the night, I wouldn't hesitate to say: (x)' = 1.000
  9 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    \sin x
  Even my two-aged sister knows that it equals: (\sin x)' = \cos x
  10 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (-1.000)
  I spend the hole of my life to find the answer and finally it's: ((-1.000))' = 0.000
  11 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (-1.000) \cdot \sin x
  It's really easy to find: ((-1.000) \cdot \sin x)' = (-1.000) \cdot \cos x
  12 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (-1.000) \cdot \sin x \cdot 2.000 \cdot y
  It's really easy to find: ((-1.000) \cdot \sin x \cdot 2.000 \cdot y)' = (-1.000) \cdot \cos x \cdot 2.000 \cdot y + 2.000 \cdot (-1.000) \cdot \sin x
  13 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x
  It's simple as fuck: ((-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x)' = (-1.000) \cdot \cos x \cdot 2.000 \cdot y + 2.000 \cdot (-1.000) \cdot \sin x + 2.000 \cdot (-1.000) \cdot \sin x
  14 step. finding a derivation of:
  It's simple as fuck: (x)' = 1.000
  15 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   \cos x
  A true prince must know that it equals: (\cos x)' = (-1.000) \cdot \sin x
  16 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2.000
My roommate mumbled it in his sleep all night: (2.000)' = 0.000
  17 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2.000 \cdot \cos x
  I was asked not to tell anyone that: (2.000 \cdot \cos x)' = 2.000 \cdot (-1.000) \cdot \sin x
  18 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x
  I spend the hole of my life to find the answer and finally it's: (2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot (-1.000) \cdot \sin x + (-1.000) \cdot \cos x \cdot 2.000 \cdot y + 2.000 \cdot (-1.000) \cdot \sin x + 2.000 \cdot (-1.000) \cdot (-1
  19 step. finding a derivation of:
  It's really easy to find: (y)' = 1.000
  20 step. finding a derivation of:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2.000
  What if it equals: (2.000)' = 0.000
```

```
21 step. finding a derivation of:
While preparing for exams, I learned a lot of new things, for example: (2.000 \cdot y)' = 2.000
22 step. finding a derivation of:
Even my two-aged sister knows that it equals: (x)' = 1.000
23 step. finding a derivation of:
What if it equals: (\sin x)' = \cos x
24 step. finding a derivation of:
It's simple as fuck: ((-1.000))' = 0.000
25 step. finding a derivation of:
My roommate mumbled it in his sleep all night: ((-1.000) \cdot \sin x)' = (-1.000) \cdot \cos x
26 step. finding a derivation of:
It's simple as fuck: ((-1.000) \cdot \sin x \cdot 2.000 \cdot y)' = (-1.000) \cdot \cos x \cdot 2.000 \cdot y + 2.000 \cdot (-1.000) \cdot \sin x
27 step. finding a derivation of:
A true prince must know that it equals: (x)' = 1.000
28 step. finding a derivation of:
My roommate mumbled it in his sleep all night: (\cos x)' = (-1.000) \cdot \sin x
29 step. finding a derivation of:
A true prince must know that it equals: (2.000)' = 0.000
30 step. finding a derivation of:
A true prince must know that it equals: (2.000 \cdot \cos x)' = 2.000 \cdot (-1.000) \cdot \sin x
31 step. finding a derivation of:
If someone asked me that in the middle of the night, I wouldn't hesitate to say: (2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot (-1.000) \cdot \sin x + (-1.000) \cdot \cos x \cdot 2.000 \cdot y + 2.000 \cdot (-1.000) \cdot \sin x
32 step. finding a derivation of:
I spend the hole of my life to find the answer and finally it's: (x)' = 1.000
33 step. finding a derivation of:
When I was child, my father always told me: "Remember, son: (\sin x)' = \cos x
34 step. finding a derivation of:
If someone asked me that in the middle of the night, I wouldn't hesitate to say: ((-1.000))' = 0.000
35 step. finding a derivation of:
thanks to the results of my colleagues' scientific work, I know that it equals: ((-1.000) \cdot \sin x)' = (-1.000) \cdot \cos x
36 step. finding a derivation of:
For centuries, people have hunted for the secret knowledge that: (y)' = 1.000
37 step. finding a derivation of:
For centuries, people have hunted for the secret knowledge that: (2.000)' = 0.000
38 step. finding a derivation of:
What if it equals: (2.000 \cdot y)' = 2.000
39 step. finding a derivation of:
If someone asked me that in the middle of the night, I wouldn't hesitate to say: (2.000 \cdot y \cdot (-1.000) \cdot \sin x)' = 2.000 \cdot (-1.000) \cdot \sin x + (-1.000) \cdot \cos x \cdot 2.000 \cdot y
40 step. finding a derivation of:
I was asked not to tell anyone that: (y)' = 1.000
41 step. finding a derivation of:
A true prince must know that it equals: (y^{2.000})' = 2.000 \cdot y
42 step. finding a derivation of:
Man... Just look: (x)' = 1.000
43 step. finding a derivation of:
My roommate mumbled it in his sleep all night: (\cos x)' = (-1.000) \cdot \sin x
44 step. finding a derivation of:
It's simple as fuck: ((-1.000))' = 0.000
45 step. finding a derivation of:
```

 $2.000 \cdot y$ $\sin x$ (-1.000) $(-1.000) \cdot \sin x$ $(-1.000) \cdot \sin x \cdot 2.000 \cdot y$ $\cos x$ 2.000 $2.000 \cdot \cos x$ $2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y$ $\sin x$ (-1.000) $(-1.000) \cdot \sin x$ 2.000 $2.000 \cdot y$ $2.000 \cdot y \cdot (-1.000) \cdot \sin x$ $\cos x$ (-1.000) $(-1.000) \cdot \cos x$

I was asked not to tell anyone that:	$((-1.000) \cdot \cos x)' = (-1.000) \cdot (-1.000) \cdot \sin x$
46 step. finding a derivation of:	

 $(-1.000) \cdot \cos x \cdot y^{2.000}$

If someone asked me that in the middle of the night, I wouldn't hesitate to say: $((-1.000) \cdot \cos x \cdot y^{2.000})' = (-1.000) \cdot (-1.000) \cdot \sin x \cdot y^{2.000} + 2.000 \cdot y \cdot (-1.000) \cdot \cos x$ 47 step. finding a derivation of:

 $(-1.000) \cdot \cos x \cdot y^{2.000} + 2.000 \cdot y \cdot (-1.000) \cdot \sin x$

Man... Just look: $((-1.000) \cdot \cos x \cdot y^{2.000} + 2.000 \cdot y \cdot (-1.000) \cdot \sin x)' = (-1.000) \cdot (-1.000) \cdot \sin x \cdot y^{2.000} + 2.000 \cdot y \cdot (-1.000) \cdot \cos x + 2.000 \cdot (-1.000) \cdot \sin x + (-1.000) \cdot \cos x \cdot 2.000 \cdot y$ 48 step. finding a derivation of:

 $(-1.000) \cdot \cos x \cdot y^{2.000} + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y$

When I was child, my father always told me: "Remember, son: $((-1.000) \cdot \cos x \cdot y^{2.000} + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot (-1.000) \cdot \sin x + 2.000 \cdot y \cdot (-1.000) \cdot (-1.$

 $(-1.000) \cdot \cos x \cdot y^{2.000} + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y + 2.000 \cdot \cos x + (-1.000) \cdot \cos x +$

It's really easy to find: $((-1.000) \cdot \cos x \cdot y^{2.000} + 2.000 \cdot y \cdot (-1.000) \cdot \sin x + 2.000 \cdot ($

 $(-1.000) \cdot (-1.000) \cdot \sin x \cdot y^{2.000} + 2.000 \cdot y \cdot (-1.000) \cdot \cos x + 2.000 \cdot (-1.000) \cdot \sin x + (-1.000) \cdot \cos x \cdot 2.000 \cdot y + 2.000 \cdot (-1.000) \cdot \sin x + (-1.000) \cdot \cos x \cdot 2.000 \cdot y + 2.000 \cdot (-1.000) \cdot \sin x + (-1.000) \cdot \cos x + (-1.00$

BRITISH SCIENTISTS WERE SHOCKED AGAIN, WHEN THEY COUNT THE 4 DERIVATION OF THIS EXPRESSION!!!

In the point (x = 3.000, y = 2.000) it's value = 14.711 Partial derivation of the expression on the variable x: $\frac{\partial f}{\partial x} = 4.000 \cdot \cos x$ In the point (x = 3.000, y = 2.000) it's value = -3.959970 !!! Partial derivation of the expression on the variable y: $\frac{\partial f}{\partial y} = 0.141 \cdot 2.000 \cdot y$ In the point (x = 3.000, y = 2.000) it's value = 0.564480 !!!

 $\sqrt{(4.000 \cdot \cos x)^{2.000} + (0.141 \cdot 2.000 \cdot y)^{2.000}}$

In the point (x = 3.000, y = 2.000) it's value = 4.000 !!!

Let's consider the expression as a function of x variable: $f(x) = 4.000 \cdot \sin x$ Maklorens formula for $x \to 3.000$: $f(x) = 0.564 + (-3.960) \cdot (x - 3.000) + (-0.282) \cdot (x - 3.000)^{2.000} + 0.660 \cdot (x - 3.000)^{3.000} + 0.024 \cdot (x - 3.000)^{4.000} + (-0.033) \cdot (x - 3.000)^{5.000} + o((x - 3.000)^{5.000})$

Graph f(x):

Full derivation:

	6	

Tangent equation in the point x = 0.000: $f(x) = 4.000 \cdot x$ Normal equation in the point x = 0.000: $f(x) = (-0.250) \cdot (x - 0.000) + 0.000$