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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)' = 1.000
    2 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)' = 1.000
    4 step. finding a derivation of:
    Sounds logical that it is the same as: (\sin x)' = \cos x
    5 step. finding a derivation of:
    \sin x \cdot y^{2.000}
    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)' = 1.000
    2 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)' = 1.000
    4 step. finding a derivation of:
    What if it equals: (\sin x)' = \cos x
    5 step. finding a derivation of:
    \sin x \cdot y^{2.000}
    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)' = 1.000
    2 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)' = 1.000
    4 step. finding a derivation of:
    Man... Just look: (2.000)' = 0.000
    5 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:
    2.000 \cdot y \cdot \sin x
    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)' = 1.000
    8 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)' = 1.000
    10 step. finding a derivation of:
    It's really easy to find: (\cos x)' = (-1.000) \cdot \sin x
   11 step. finding a derivation of: \cos x \cdot y^{2.000}
  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
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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:  $f(x, y) = \sin x \cdot y^{2.000}$ 

CrIn Ge CrIn Ge Production. Supercringe introduction here:

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

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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:
 2.000 \cdot \sin x
 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
 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:
 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 \cdot 2.000 \cdot y \cdot \cos x + 2.000 \cdot \sin x \cdot 2.000 \cdot y \cdot \cos x + (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-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 + (-1.000)
 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:
 It's simple as fuck: (\cos x)' = (-1.000) \cdot \sin x
 3 step. finding a derivation of:
 For centuries, people have hunted for the secret knowledge that: (2.000)' = 0.000
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It's really easy to find: (2.000 \cdot \cos x)' = 2.000 \cdot (-1.000) \cdot \sin x
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It's really easy to find: (y)' = 1.000
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A true prince must know that it equals: (2.000 \cdot \cos x)' = 2.000 \cdot (-1.000) \cdot \sin x
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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 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
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39 step. finding a derivation of:
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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
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(-1.000) \cdot \cos x \cdot y^{2.000}
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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 \cdot 2.000 \cdot y \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 \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot (-1.000) \cdot \sin x \cdot 2.000 \cdot y \cdot (-1.000) \cdot (-1.0
(-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
It's really easy to find: ((-1.000) \cdot \cos x \cdot y^{2.000} + 2.000 \cdot y + 2.000 \cdot (-1.000) \cdot \sin x + (-1.000) \cdot \cos x + 2.000 \cdot y + 2.000 \cdot (-1.000) \cdot \sin x + (-1.000) \cdot
Finally... The 4 derivation of the expression:
(-1.000) \cdot (-1.000) \cdot \sin x \cdot y^{2.000} + 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 \cdot 2.000 \cdot y + 2.000 \cdot (-1.000) \cdot \sin x + (-1.000) \cdot \sin x 
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!!!
Full derivation:
 \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
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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):

	υ	

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