DIFFERENTIATOR

Anton

12 november 2022

Your input:

———————————————-

Current expression:
$(2 + 1 + x)^9 + 2$
Calculate Derivative:
$9 * (0 + 0 + 1) * (2 + 1 + x)^{(9-1)} + 0$
Simplify something:
$9 * (3 + x)^8$

———————————————-

———————————————-

Current expression:
$x^{67} + \frac{78^2}{12^2} + x^{(34*78)}$
Calculate Derivative:
$67 * 1 * x^{(67-1)} + \frac{(2*0*78^{(2-1)}*12^2 - 78^2*2*0*12^{(2-1)})}{(12^2*12^2)} + 34 * 78 * 1 * x^{(34*78-1)}$
Simplify something:
$67 * x^{66} + 2652 * x^{2651}$

———————————————-

———————————————-

Current expression:
$cos32 + 5$
Calculate Derivative:
$-1 * sin32 * 0 + 0$
Simplify something:
0

—————————————————-

—————————————————-

Current expression:

$10 + 32.2$

Calculate Derivative:

$0 + 0$

Simplify something:

0

—————————————————-

—————————————————-

Current expression:

$\frac{3232.11}{56}$

Calculate Derivative:

$\frac{(0*56 - 3232.11*0)}{(56*56)}$

Simplify something:

0

—————————————————-

—————————————————-

Current expression:

$\frac{(22.45 + 78*x)}{(44*x)}$

Calculate Derivative:

$\frac{((0+0*x+78*1)*44*x - (22.45+78*x)*(0*x+44*1))}{(44*x*44*x)}$

Simplify something:

$\frac{(78*44*x - (22.45+78*x)*44)}{(44*x*44*x)}$

—————————————————-

—————————————————-

Current expression:

$45 + x$

Calculate Derivative:

$0 + 1$

Simplify something:

1

—————————————————-

——————————————–

Current expression:

$2121 * 99$

Calculate Derivative:

$0 * 99 + 2121 * 0$

Simplify something:

0

——————————————–

——————————————–

Current expression:

$45665.3 - x - y$

Calculate Derivative:

$0 - 1 - 1$

Simplify something:

-2

——————————————–

——————————————–

Current expression:

$8 * (x + y)$

Calculate Derivative:

$0 * (x + y) + 8 * (1 + 1)$

Simplify something:

16

——————————————–

——————————————–

Current expression:

$777 + sin(x * (67 + 66)) - 12$

Calculate Derivative:

$0 + cos(x * (67 + 66)) * (1 * (67 + 66) + x * (0 + 0)) - 0$

Simplify something:

$cos(x * 133) * 133$

——————————————–

——————————————–

Current expression:
$cos(x + 12)$
Calculate Derivative:
$-1 * sin(x + 12) * (1 + 0)$
Simplify something:
$-1 * sin(x + 12)$

———————————— -

———————————— -

Current expression:
$777 + cos(x * (67 + 66.1)) - 12 + sin(x + 78.43) + x$
Calculate Derivative:
$0 + -1 * sin(x * (67 + 66.1)) * (1 * (67 + 66.1) + x * (0 + 0)) - 0 + cos(x + 78.43) * (1 + 0) + 1$
Simplify something:
$-1 * sin(x * 133.1) * 133.1 + cos(x + 78.43) + 1$

———————————— -

End of the file