

# DIFFERENTIATOR

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Your input:

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Current expression:

$$(2 + 1 + x)^9 + 2$$

Calculate Derivative:

$$9 * (0 + 0 + 1) * (2 + 1 + x)^{(9-1)} + 0$$

Simplify something:

$$9 * (3 + x)^8$$

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Current expression:

$$x^5 + \frac{78^2}{12^2} + x^{(2*7)}$$

Calculate Derivative:

$$5 * 1 * x^{(5-1)} + \frac{(2*0*78^{(2-1)}*12^2 - 78^2*2*0*12^{(2-1)})}{(12^2*12^2)} + 2 * 7 * 1 * x^{(2*7-1)}$$

Simplify something:

$$5 * x^4 + 14 * x^{13}$$

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Current expression:

$$\cos 32 + 5$$

Calculate Derivative:

$$-1 * \sin 32 * 0 + 0$$

Simplify something:

$$0$$

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Current expression:

$$10 + 32.2$$

Calculate Derivative:

$$0 + 0$$

Simplify something:

$$0$$

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Current expression:

$$\frac{3232.11}{56}$$

Calculate Derivative:

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

Simplify something:

$$0$$

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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:

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

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Current expression:

$$45 + x$$

Calculate Derivative:

$$0 + 1$$

Simplify something:

$$1$$

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Current expression:

$$2121 * 99$$

Calculate Derivative:

$$0 * 99 + 2121 * 0$$

Simplify something:

$$0$$

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Current expression:

$$45665.3 - x + 12.32$$

Calculate Derivative:

$$0 - 1 + 0$$

Simplify something:

$$-1$$

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Current expression:

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

Calculate Derivative:

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

Simplify something:

$$\cos(x * 133) * 133$$

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Current expression:

$$\cos(x + 12)$$

Calculate Derivative:

$$-1 * \sin(x + 12) * (1 + 0)$$

Simplify something:

$$-1 * \sin(x + 12)$$

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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:

$$-1 * \sin(x * 133.1) * 133.1 + \cos(x + 78.43) + 1$$

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Current expression:

$$tg(x^2)$$

Calculate Derivative:

$$\frac{1}{\cos(x^2)^2} * 2 * 1 * x^{(2-1)}$$

Simplify something:

$$\frac{1}{\cos(x^2)^2} * 2 * x$$

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Current expression:

$$ctg(x + 32)$$

Calculate Derivative:

$$\frac{1}{\sin(x+32)^2} * (1 + 0) * -1$$

Simplify something:

$$\frac{1}{\sin(x+32)^2} * -1$$

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End of the file