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The calculator can differentiate at a value of x only i.e. differentiate at a point

Solue d/dxd44dx4 J1dx

Use the calculator in RUN mode.

Entry by: OPTN key then F4 key

The first derivative d/dx, used for finding the slope of a graph at a given point. The second derivative d^2/dx^2 , used for finding the concavity of a graph at a given point.

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Example 1:

Find the derivative of $y = x^3 + 2x^2 - 3x + 5$ at x = 2

Pressing the F2 key brings up the d/dx function Type in the equation to be differentiated Press EXE to get the value.



Example 2:

The second derivative d^2/dx^2 Find the second derivative of $y = x^3 + 2x^2 - 3x + 5$ at x = 2

Pressing the F3 key brings up the $d2/dx^2$ function Type in the equation to be differentiated twice Press EXE to get the value.

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Solve d/dxd4/dx4 J°dx	D

For further tips, more helpful information and software support visit our website www.monacocorp.co.nz/casio

