

Spoken Tutorial

LibreOffice Math: Derivatives, Differential and Integral equations, logarithms

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Talk to a Teacher Project
<http://spoken-tutorial.org>



National Mission on Education through ICT

Learning Objectives

- ▶ **Write Derivatives and Differential equations**



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- ▶ **Write Derivatives and Differential equations**
- ▶ **Write Integral equations**



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- ▶ **Write Derivatives and Differential equations**
- ▶ **Write Integral equations**
- ▶ **Write Formulae with Logarithms**



Assignment

1. Write the following derivative formula: $\frac{d^2 y}{dx^2}$ is equal to $\frac{d}{dx}$ of $\left(\frac{dy}{dx}\right)$. Use scalable brackets.



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2. Write the following integral: Integral with limits 0 to 1 of square root of x dx . Use formatting options provided by Math for better readability.



Assignment: continued

1. Write a double integral as follows:
Double integral from $T - 2 \sin x$ to $3y^3 + 5$ $dx dy$



Assignment: continued

1. Write a double integral as follows:
Double integral from $T - 2 \sin x - 3y^2 + 5$ $dx dy$
2. Using the formula: $\log x$ to the power of p to the base b is equal to p into $\log x$ to the base b ; solve $\log 1024$ to the base 2. Use formatting options provided by Math for better readability.



Summary

- **Write Derivatives and Differential equations**



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Funding Support

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- ▶ More information on this mission is available at

<http://spoken-tutorial.org/NMEICT-Intro>



Contributors

- ▶ **This script has been contributed by Priya Suresh, DesiCrew Solutions.**



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- ▶ Thanks for joining.

