json -> latex convert test

kora

Questions

| Evaluate the integral $\int (2x^2 + 3x - 1)dx$. | |
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| Given $f(x) = e^{2x}$, find the equation of the tangent line to the curve at $x = 1$. | |
| Determine the value of $\lim_{h\to 0} \frac{(3+h)^2-9}{h}$. | |
| | Given $f(x) = e^{2x}$, find the equation of the tangent line to the curve at $x = 1$. |

| Find the derivative of $g(x) = \ln(x^2 + 1)$. | |
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| Evaluate $\int \sin(3x)dx$. | |
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| Find the area between the curve $y = x^2$ and the x-axis from $x = 0$ to $x = 1$. | |
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| Solve the differential equation $y' = 2x$, given that $y(0) = 5$. | |
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