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Short of constructing the LaTeX for the equation by hand, the easiest method is to use a program called Maple, which can display your equation visually. Once you're satisfied with your equation, Maple can generate the LaTeX code for you.

To run Maple, type:

add maple ; maple &

That will bring up a window. Type your equation in, just like in a computer program, and end the line with a semicolon (;). See if the equation that appears is what you'd really like. If it is, then type

latex('');

You can also type:

latex('your equation');

For example:

```
> 'int(y^3*ln(y)*dy,y)';
     /
    |   3
    |  y  ln(y) dy dy
    |
         /

> latex('int(y^3*ln(y)*dy,y)');
\int \!y^{3}\ln (y){\it dy}{dy}
```