

# Formula Editor

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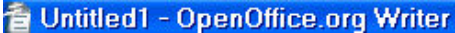
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This tutorial donated by Wayne Tschirhart

**Formula Editor** makes it easy to write mathematical formulas in symbolic form. For example, if you write

12 over 4 = 3, the follow will appear in Writer:  $\frac{12}{4}=3$

## Add A Symbolic Form

1. In OpenOffice, click **File > New > Text Document**. (The  document appears. If on the desktop, click "Start > All Programs > OpenOffice 2.0 > OpenOffice.org Writer > File > New > Text Document".)
2. Click **Insert > Object > Formula**. (The cursor appears in the "Math" box at the bottom of the screen.)
3. Type **12 over 4 = 3**. (The symbolic form appears in your document.  $\frac{12}{4}=3$  )
4. Type **12 times 2 = 24** (  $12 \times 2 = 24$  appears in your document.)
5. Type **x times x = 2x**. (  $x \times x = 2x$  appears in your document.)
6. Click somewhere in the text document to close **Math**.

## Examples Of Formulas

The following are some possible formulas

1. 3 times 4 = 12
2. %PI func  $e^{5x}$
3.  $\int 4x^5 + 2x^4 + 6x \, dx$
4.  $\frac{\{df(t)\} \text{ over } \{dt\} = \{\text{partial } f\} \text{ over } \{\text{partial } x\} \{dx\} \text{ over } \{dt\} + \{\text{partial } f\} \text{ over } \{\text{partial } y\} \{dy\} \text{ over } \{dt\}}$
5.  $x = \frac{\{-b \pm \sqrt{b^2 - 4ac}\}}{2a}$