

## Open Office – Equation Editing

### Some formulas & equation entries to try:

To get this:	Type this:
$3x^{x-3} + 5x^2$ , $a^{\frac{b}{c}}$ , $a_b$	$3x^{\{x-3\}} + 5x^2$ , $a^{\{b \text{ over } c\}}$ , $a \text{ lsup } \{b\}$ , $a_b$ , $a \text{ equiv } b$
$\frac{\sqrt{3x-4}}{5}$	$\text{sqrt } \{3x - 4\} \text{ over } 5$ <b>Note: curly brackets {} are active but invisible</b>
$\frac{\sqrt{(3x-4)}}{5}$	$\text{sqrt } (3x - 4) \text{ over } 5$ <b>Note: normal brackets () are active and visible</b>
$\sum a$ , $\sum_3 b$ , $\sum_{b=3}^7 (\sqrt{b})$	$\text{sum}\{a\}$ , $\text{sum from}\{3\} b$ , $\text{sum from } \{b=3\} \text{ to } \{7\}$ ( $\text{sqrt } b$ )
$a_b$ , $\log_3(2x - \frac{4x}{5})$ , $H_2SO_4$	$a_b$ , $\log_3(2x - 4x \text{ over } 5)$ , $H_2SO_4$
$\int_{x=3}^5 (2x^2 - 3)$ , $\iint a$	$\text{int from } \{x=3\} \text{ to } \{5\} (2x^2 - 3)$ , $\text{iint } \{a\}$ ,
$a \simeq b$ , $a \equiv b$ , $a \approx b$	$a \text{ simeq } b$ , $a \text{ equiv } b$ , $a \text{ approx } b$
$a \in b$ , $a \notin b$ , $\pm 1$ , $\mp 1$	$a \text{ in } b$ , $a \text{ notin } b$ , $+1$ , $-1$
$a \in B$ , $a \notin B$ , $\emptyset$ , $A \cup B$ ,	$a \text{ in } B$ , $a \text{ notin } B$ , $\text{emptyset}$ , $A \text{ union } B$ ,
$A \cap B$ , $A \subset B$ , $A \subseteq B$ , $A \supseteq B$ , $A \supset B$	$A \text{ intersection } B$ , $A \text{ subset } B$ , $A \text{ subseteq } B$ , $A \text{ supseteq } B$ , $A \text{ supset } B$
$A \not\subset B$ , $A \not\subseteq B$ , $a \circ b$ , $a \vee b$ , $a \wedge b$	$A \text{ nsubset } B$ , $A \text{ nsubseteq } B$ , $a \text{ circ } b$ , $a \text{ or } b$ , $a \text{ and } b$
$\vec{a}$ , $\tilde{a}$ , $\bar{a}$ , $\dot{a}$ , $\ddot{a}$	$\text{vec } a$ , $\text{tilde } a$ , $\text{bar } a$ , $\text{dot } a$ , $\text{ddot } a$
$\mathbb{N}$ , $\mathbb{Z}$ , $\mathbb{Q}$ , $\mathbb{R}$ , $\mathbb{C}$	$\text{setN}$ , $\text{setZ}$ , $\text{setQ}$ , $\text{setR}$ , $\text{Set C}$
$ a $ , $\sqrt[b]{a}$ , $a!$	$\text{abs}\{a\}$ , $\text{nroot}\{a\}\{b\}$ , $\text{fact}\{a\}$
$\infty$ , $\nabla$ , $\exists$ , $\forall$ , $\lambda$ , $\Re$	$\text{infinity}$ , $\text{nabla}$ , $\text{exists. forall}$ , $\text{Lambdabar}$ , $\text{re}$
$\leftarrow$ , $\rightarrow$ , $\uparrow$ , $\downarrow$	$\text{leftarrow}$ , $\text{rightarrow}$ , $\text{uparrow}$ , $\text{downarrow}$
$a \parallel b$ , $a \perp b$ , $\overline{abc}$	$a \text{ parallel } b$ , $a \text{ ortho } b$ , $\text{overstrike } abc$
$a \leftarrow b$ , $a \rightleftarrows b$ , $a \leftrightarrow b$ , $\hat{a}$	$a \text{ dleftarrow } b$ , $a \text{ dleftarrow } b$ , $a \text{ dleftrightarrow } b$ , $\text{hat } a$
$\widehat{abc}$ , $\vec{abc}$ , $\underline{abc}$ , $\overline{abc}$	$\text{widehat } abc$ , $\text{widevec } abc$ , $\text{underline } abc$ , $\text{overline } abc$
$\begin{matrix} a & b & & c & & d \\ c & d & , & d & e & f \end{matrix}$	$\text{matrix } \{a \# b \#\# c \# d\}$ , $\text{matrix } \{a \# b \# c \#\# d \# e \# f\}$
$\left( \begin{matrix} a & b \\ c & d \end{matrix} \right)$ , $\left( \begin{matrix} a & b & c \\ d & e & f \end{matrix} \right)$	$\text{left } ( \text{matrix } \{a \# b \#\# c \# d\} \text{ right } )$ , $\text{left } ( \text{matrix } \{a \# b \# c \#\# d \# e \# f\} \text{ right } )$

Suggestion:

Download pdf of full “Formula Command Reference File” for complete set of editor symbols / Equations / Formulas from <[http://documentation.openoffice.org/HOW\\_TO/index.html](http://documentation.openoffice.org/HOW_TO/index.html)>