## Cheatsheet for 001-001-basics.tex

```
\mathcal{L}
\exCalL
\exMathrm
                                                                                roman
\exTexttt
                                                                                typed
                                                                                bold
\exMathbf
\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath{\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ensuremath}\ens
                                                                                \boldsymbol{x}
\exSmall
                                                                                x
\exSmaller
                                                                                \mathcal{L} = \mathrm{roman}
\exEqualA
\exEqualB
                                                                                \mathcal{L} = \mathrm{roman}
\exEqualC
                                                                                \mathcal{L} = \text{roman} = 3 = x = y
\exOpsA
                                                                                x < y, \ x \le y, \ x \ne y, \ x \ge y, \ x > y, \ \pi \simeq 3.14
\ex0psB
                                                                                x < y < z < \dots
\ex0psC
                                                                                x \le y \le z \le \dots
                                                                                x \neq y \neq z \neq \dots
\ex0psD
                                                                                x \ge y \ge z \ge \dots
\ex0psE
\ex0psF
                                                                                x > y > z > \dots
\ex0psG
                                                                                x \simeq y \simeq z \simeq \dots
\exPipe
\exProdA
                                                                                 xy
\exProdB
                                                                                x.y
\exProdC
\exExpr
                                                                                                    \overline{-x + y^{x-y} + xy}
\exFlatExpr
                                                                                                                  \frac{\sigma^2}{-x + y^{x-y} + xy} \stackrel{\text{def}}{=} 1 + \sigma^2/-x + y^{x-y} + xy
\frac{\sigma^2}{-x + y^{x-y} + xy} \stackrel{\text{def}}{=} \dots \qquad \frac{\sigma^2}{-x + y^{x-y} + xy} = 0
\exDef
                                                                                \pi, x, \dots, y, 1 + \frac{\sigma^2}{-x + y^{x-y} + xy}, \dots\left(n + \frac{1}{n}\right), \left(n + \frac{1}{n}\right)^n
\exSequence
\exGroup
                                                                                (x+y), (x+y), (x+y), (x+y)^{*}, (x+y)^{*}, (x+y)^{*}, (x+y)^{*}, (x+y)^{*}
\exDecorationA
\exDecorationB
                                                                                (x+y)', (x+y)'', (x+y)'''
\exDecorationC
                                                                                xy, x \times y, x^y, x_y, x_y^{\sigma}
\exIndexExponent
                                                                                 x^2y^3x^n12345
\exCat
                                                                                x^{2}y^{3}x^{n} 1 2 3 4 5
x^{2}, y^{3}, x^{n}, 1, 2, 3, 4, 5
\exKat
\exSeq
                                                                                 x^2, y^3, x^n, 1, 2, 3, 4, 5
\exSek
\ensuremath{\texttt{\ensuremath{\texttt{exFuncA}}}
                                                                                 f_{\sigma, i}^{\pi}(x, y, i, n, \pi)
                                                                                 f_{\sigma,i}^{\pi}\left(x\left|\frac{y}{z}\right.\right)
\exFuncB
\exFuncName
                                                                                (x, y, i, 3)hello world
\ensuremath{\texttt{exText}}
                                                                                   n - n + 1
                                                                                                                   x^2
\exLayout
                                                                                                                                      3
                                                                                    1
```