Cheatsheet for 001-002-math.tex

```
\exConstants
                                                 \pi, i, e, \infty
                                                 \exp(x), \min(x, x^2, n), \max(x, x^2, i, n, n^2)
 \exFunctions
 \exEuler
                                                  e^{i\pi} + 1 = 0
                                                 \forall x, \ x^2 \ge 0\exists x, \ x^2 = 0
 \exForall
 \exExists
                                                  x \in X, x > 0
 \exSuchAsOne
                                                  x \in X, x > 0
 \exSuchAsTwo
                                                 \begin{aligned} x &\in X, \ x > 0 \\ \left(x^2\right), \ \left|x^2\right|, \ \sqrt{x^2}, \ \sqrt[13]{x^2}, \ \left\|x^2\right\|, \ \left[x^2\right], \ \left\{x^2\right\}, \ \left\langle x^2\right\rangle, \ \left\{x^2, \ x^2\right\} \\ f, \ g, \ h, \ f &\circ g \circ h, \ f \circ g \circ h(x, \ x^2) \\ \sum_{i \leq n} \frac{1}{i!} x^i, \ \sum_{i \in \mathbb{N}} \frac{1}{i^2}, \ \prod_{i \in \mathbb{N}} \frac{1}{i^2} \\ \max_{x \in \mathbb{C}} g(x^2), \ \min_{x \in \mathbb{C}} g(x^2), \ \operatorname{argmin} g(x^2) \\ f(x) &= \begin{cases} x+1 & \text{if} \quad x > 0 \\ x-1 & \text{if} \quad x < 0 \\ 38 & \text{otherwise} \end{cases} 
 \backslash \texttt{exFormulas}
 \ensuremath{\texttt{\c cxFunComp}}
\ensuremath{\texttt{exSumProd}}
\backslash \texttt{exArgs}
\ensuremath{\verb|exSystem|}
                                                  1, \ldots, 99, 100, \ldots, 199
\exBraces
```