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 Cheatsheet for 001-002-math.tex
 

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<code>\exConstants</code>	$\pi, i, e, \infty$
<code>\exFunctions</code>	$\exp(x), \min(x, x^2, n), \max(x, x^2, i, n, n^2)$
<code>\exEuler</code>	$e^{i\pi} + 1 = 0$
<code>\exForall</code>	$\forall x, x^2 \geq 0$
<code>\exExists</code>	$\exists x, x^2 = 0$
<code>\exSuchAsOne</code>	$x \in X, x > 0$
<code>\exSuchAsTwo</code>	$x \in X, x > 0$
<code>\exFormulas</code>	$(x^2),  x^2 , \sqrt{x^2}, \sqrt[13]{x^2}, \ x^2\ , [x^2], \{x^2\}, \langle x^2 \rangle, \{x^2, x^2\}$
<code>\exFunComp</code>	$f, g, h, f \circ g \circ h, f \circ g \circ h(x, x^2)$
<code>\exSumProd</code>	$\sum_{i=0}^{i \leq n} \frac{1}{i!} x^i, \sum_{i \in \mathbb{N}} \frac{1}{i^2}, \prod_{i \in \mathbb{N}} \frac{1}{i^2}$
<code>\exArgs</code>	$\max_{x \in \mathbb{C}} g(x^2), \min_{x \in \mathbb{C}} g(x^2), \operatorname{argmax}_{x \in \mathbb{C}} g(x^2), \operatorname{argmin}_{x \in \mathbb{C}} g(x^2)$
<code>\exSystemA</code>	$f(x) = \begin{cases} x+1 & \text{if } x > 0 \\ x-1 & \text{if } x < 0 \\ 38 & \text{otherwise} \end{cases}$
<code>\exSystemB</code>	$\left\{ \begin{array}{lcl} \pi & \stackrel{\text{def}}{=} & 3.141592654 \\ (x+1)^2 & = & x^2 + 2x + 1 \\ \text{over} & & \end{array} \right.$
<code>\exBraces</code>	$\overbrace{1, \dots, 99}^1, \underbrace{100, \dots, 199}_{\text{under}}$