

# Simple example

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## 1 Hello

This is a simple example using the  $\text{\LaTeX}$  library and some math stuff.

$$4^{(2^3)^2} - 10000 \cdot 10000 \cdot (10000 \cdot 10000) \cdot (10000 \cdot 10000 \cdot 10000)$$

is 340282366910938463463374607431768211456.

For  $x = 19$  and  $\tau = 2 \cdot \pi$ ,

$$2 + 7 \cdot (6 - \tau) - e^{5 - \sqrt{x^2 + \frac{4}{\pi}}}$$

is approximately  $1.7702 \cdot 10^{-2}$ .

$$\arcsin(\sin(\arccos(\cos(\arctan(\tan 0))))))$$

is 0,

$$\operatorname{arcsinh}\left(\sinh\left(\operatorname{arccosh}\left(\frac{\cosh(\operatorname{arctanh}(\tanh 0))}{2}\right)\right)\right)$$

**is not.**(Test passed.)