

# klarTeXt Test File

Julian Karrer

April 6, 2025

## Arithmetic

$$\begin{aligned}\sum_{i=1}^5 \exp(i) &= 233.2041839862982 \\ \sum_{i=1}^{10} \ln(i) &= 15.104412573075518 \\ \ln(10!) &= 15.104412573075516 \\ \sum_{i=0}^3 \cos\left(\frac{\pi i}{2}\right) &= -0.00000000000000018369701987210297 \\ \sum_{i=1}^4 i \sin\left(\frac{\pi}{i+1}\right) &= 7.204512160298412 \\ \sum_{i=1}^3 \log(i+e) &= 2.00139173839899 \\ \sum_{i=0}^4 \frac{\pi^i}{i!} &= 18.30281976060121 \\ \sum_{i=1}^5 \Theta(i-3) &= 2.5 \\ \prod_{i=1}^5 i &= 120 \\ \prod_{i=1}^4 \exp(i) &= 22026.465794806714 \\ \prod_{i=0}^3 \cos\left(\frac{\pi i}{2}\right) &= 0.0000000000000000000000000000011248198369963932 \\ \prod_{i=1}^4 \sin\left(\frac{\pi}{i+1}\right) &= 0.3599434866124088 \\ \prod_{i=1}^3 \ln(i+e) &= 3.552642204172372 \\ \prod_{i=0}^3 \frac{\pi^i}{i!} &= 80.11576613127535\end{aligned}$$