

MAA Metro NY Problem of the Month

May 2026

Evaluate $\lim_{n \rightarrow \infty} n \log \left(\sum_{k=1}^n \binom{n}{k}^{-1} \right)$, or prove that it does not exist.

Computer or AI assisted/generated solutions will not be accepted. Please send your solution to maanyproblems@gmail.com, including your name (your given name first) and school affiliation if applicable. Solutions are due on May 31.