

MNYMO
August 22, 2026
Estimathon

As a reminder, the score for your team is

$$\left(10 + \sum_{\text{good intervals}} \left\lfloor \frac{\max}{\min} \right\rfloor\right) \cdot 2^{13 - (\# \text{ of good intervals})}.$$

Smallest score wins.

1. The area of the triangle formed by the cities of Michael and the two people he last called, excluding MNYMO class, in square miles.
2. The thickness, in mm, of standard aluminum foil.
3. $|\pi_{1000} - 10\pi_{100}|$, where π_n is the sum of the first n digits of π .
4. The number of Discord search results for 67 in the Minnesota All-State Math Team Discord server.
5. The ratio of Michael's highest and lowest step count so far in the month of August, according to the Apple Fitness app.
6. $|m - n|$, where m is the total number of notes in Rachmaninoff's Piano Concerto No. 3 when played with the regular first movement cadenza and n is the height of Mount Everest in feet above sea level.
7. The variance of Jeff's four scores on the MOP tests and the TSTST at MOP 2026 (the three MOP tests were each scored out of 28 and the TSTST was scored out of 63).
8. The amount of money, in dollars, that would be needed to buy enough Costco cheese pizzas to collect 1 cubic inch of salt from their salt content.
9. The total number of words in every staff biography in the MNYMO "About" page.
10. $\ln 1 + \ln 2 + \cdots + \ln 10^6$.
11. The number of digits in the number $(x_1 + x_2 + x_3)^{t_1+t_2+t_3}$, where the acres burned by the three major wildfires in the US in the last 25 years are x_1 , x_2 , and x_3 , and the year that those wildfires occurred are t_1 , t_2 , and t_3 .
12. The time it took Michael between creating the $\text{\LaTeX}$ document for this Estimation set and finishing the writing of the last problem of the first draft, in seconds.
13. P^S , where P is the product of the 11 largest answers out of the first 12 problems and S is the smallest answer out of the first 12 problems.