

1st Amherst Quant Competition 2025 Chapter of



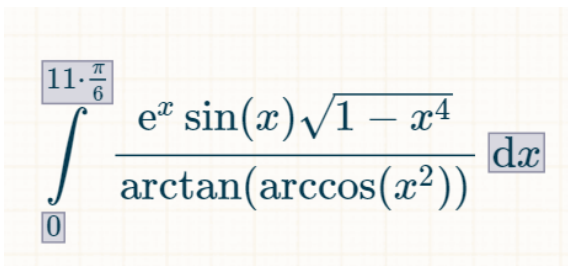
Estimathon® is a competition sponsored and designed in its entirety by:



Hosted by:



1. The highest total number of runs scored by any team in a given match at the 2019 ICC Cricket World Cup.
2. Operating Expenses of Amherst College in FY 2024.
3. The number of integers between 1 and 1 billion that can be represented as the product of a palindrome and a perfect square.
4. The standard boiling point of oxygen, in degrees Kelvin.
5. The current distance between Mercury and Mars, in kilometers.
6. The number of US dimes minted in 2022.
7. The ratio: (volume / average orbit distance) of Jupiter as per NASA.
8. The number of followers that Virat Kohli has on Instagram.
9. The number of Tesla Supercharger ports in the US.
10. The total number of commercial pools in the US.



$$\int_0^{11 \cdot \frac{\pi}{6}} \frac{e^x \sin(x) \sqrt{1-x^4}}{\arctan(\arccos(x^2))} dx$$

- 11.
12. Percentage increase in Total Ad Revenue from 2003 to 2024 Super Bowl.
13. Total value in USD of library books at Amherst College in FY 2020.