

Spicy Question #36



Prove algebraically that



NO Calculator

$$\frac{n^2 + 1}{8} + \frac{n}{2} \times \frac{n + 2}{3} - \frac{n^2 - 1}{12}$$

is greater than or equal to $\frac{3}{40}$ for all values of n

SUBMISSION DEADLINE 14/2/23 - 7PM

Video
Solution



All submissions to be emailed to 1stclassmaths@gmail.com

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