

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

**D427**

'The laws of nature are but the mathematical thoughts of God.'  
Euclid



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We are not mathematicians, but we love mathematics and create formulas ourselves.

'No other science boosts the faith in the strength of the human spirit like mathematics.'  
Hugo Steinhaus

$k \in \mathbb{N}$

$$\sum_{k=1}^{k=\infty} \frac{144 \times k^4 - 192 \times k^3 - 533 \times k^2 + 247 \times k - 77}{(3 \times k - 2) \times (3 \times k + 1) \times (16 \times k^2 - 121) \times (16 \times k^2 - 49)} = \frac{\pi}{72}$$

**NEW MATHEMATICAL FORMULA DAILY**