

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

**D077**

'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

$k \in \mathbb{N}$

$$\sum_{k=1}^{k=\infty} \frac{(k+2) \times [(k+1) \times p_k + k \times (k+3) \times p_{k+2}] \times p_{k+1} - (k+1)^2 \times (k+3) \times p_k \times p_{k+2}}{p_k \times p_{k+1} \times p_{k+2} \times (k+3)!} = \frac{5}{36}$$

$p_k$  ( $k$ -th prime number)

**NEW MATHEMATICAL FORMULA DAILY**