

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

**D506**

'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

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{128 \times [(k+5) \times p_{k+1}^3 - p_k^3] - (k+5)! \times (p_{k+1}^3 - p_k^3)}{p_k^3 \times p_{k+1}^3 \times (k+5)!} = \frac{1}{120}$$

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

**NEW MATHEMATICAL FORMULA DAILY**