

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

**D413**

'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

$$\sum_{k=1}^{k=\infty} \frac{p_k \times p_{k+1} - (k - 5) \times p_{k+1} + (k + 8) \times p_k + 42}{(k + 1) \times (k + 2) \times (p_k + 7) \times (p_{k+1} + 7)} = \frac{4}{9}$$

$k \in N$

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

**NEW MATHEMATICAL FORMULA DAILY**