

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

**D085**

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

[www.and-just-math.com](http://www.and-just-math.com)

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

$$\sum_{k=1}^{k=\infty} \frac{(p_{k+2} + k - 1) \times (9 \times p_{k+3} - 10 \times p_{k+2} + p_{k+1} + 8)}{(p_{k+2} - p_{k+1} + 1) \times (p_{k+3} - p_{k+2} + 1) \times 3^{2 \times k - 1}} = 5 \frac{3}{8} \quad k \in N$$

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

**NEW MATHEMATICAL FORMULA DAILY**