

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

D112

'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

$k \in \mathbb{N}$

$$\sum_{k=1}^{k=\infty} \frac{(k+3) \times \{(k+2) \times [(k+1) \times p_k - p_{k+1}] - p_{k+2}\} + p_{k+3}}{(k+3)!} = 1 \frac{1}{6}$$

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

NEW MATHEMATICAL FORMULA DAILY