

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

D423

'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

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{(k+1) \times [p_{k+1} \times p_{k+2} - 2 \times p_{k+1} \times p_{k+3} + p_{k+2} \times p_{k+3} + 8 \times (2 \times p_{k+2} - p_{k+1} - p_{k+3})]}{(p_{k+1} + 8) \times (p_{k+2} + 8) \times (p_{k+3} + 8)} = \frac{15}{143}$$

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

NEW MATHEMATICAL FORMULA DAILY