

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

D145

'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

$k \in \mathbb{N}$

$$\sum_{k=1}^{k=\infty} \frac{(2 \times p_k + 7) \times p_{k+1} \times (p_{k+4} - p_{k+2}) \times p_{k+5} - 7 \times p_k \times p_{k+2} \times (p_{k+5} - p_{k+3})}{p_k \times p_{k+1} \times p_{k+2} \times p_{k+3} \times p_{k+4} \times p_{k+5}} = \frac{43}{385}$$

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

NEW MATHEMATICAL FORMULA DAILY