

*In memory of Justynka, my wife*

# FORMULAS

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

FORMULA No.

**D331**

[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

$k \in \mathbb{N}$   
 $p_k$  ( $k$ -th prime number)

$$\sum_{k=1}^{k=\infty} \frac{(p_k^2 \times p_{k+1}^2 + p_{k+1}^2 - p_k^2) \times k^2 + 2 \times (p_k^2 + 1) \times p_{k+1}^2 \times k + (p_k^2 + 1) \times p_{k+1}^2}{k^2 \times (k+1)^2 \times p_k^2 \times p_{k+1}^2} = \frac{2 \times \pi^2 + 3}{12}$$

**NEW MATHEMATICAL FORMULA DAILY**