

*In memory of Justynka, my wife*

# FORMULAS

FORMULA No.

D172

'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

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{2 \times (k+1) \times (k+2) \times (k+3) - k \times [(k+1) \times (k+3) + 2]}{k \times (k+1) \times (k+2)^2 \times (k+3)} = \frac{2 \times \pi^2 - 7}{12}$$

NEW MATHEMATICAL FORMULA DAILY