

*In memory of Justynka, my wife*

# FORMULAS

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

FORMULA No.

**D304**

[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

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{[(5 \times k^2 + 12 \times k + 7) \times k! + 2 \times k^3 + 4 \times k^2 + k - 1] \times k! \times 2^{k+2}}{(2 \times k + 3)!} = 3 \times (\pi - 2)$$

**NEW MATHEMATICAL FORMULA DAILY**