

*In memory of Justynka, my wife*



# FORMULAS

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



FORMULA No.

**D457**

[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

$k \in N$

$$\sum_{k=1}^{k=\infty} \frac{144 \times k^4 - 192 \times k^3 + 187 \times k^2 + 7 \times k + 3}{(3 \times k - 2) \times (3 \times k + 1) \times (16 \times k^2 - 9) \times (16 \times k^2 - 1)} = \frac{\pi}{8}$$

**NEW MATHEMATICAL FORMULA DAILY**