FORMULAS

'The laws of nature are but the mathematical thoughts of God.'
Euclid
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'No other science boosts the faith in the strength of the human spirit like mathematics.'
Hugo Steinhaus

$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{(p_{k+1} \times k + p_{k+1} - p_k) \times (3^{p_k} - 1) \times 3^{p_{k+1}} - p_k \times (3^{p_{k+1}} - 3^{p_k})}{p_k \times p_{k+1} \times 3^{p_k + p_{k+1}} \times (k+1)!} = \frac{4}{9}$$

p_k (k-th prime number)

NEW MATHEMATICAL FORMULA DAILY