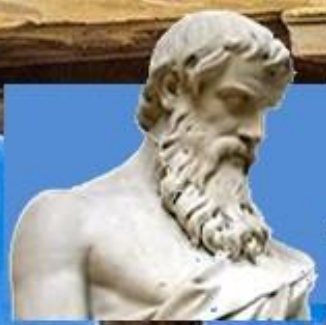

In memory of Justynka, my wife

FORMULAS

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

•••

FORMULA No.

W33

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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

1 WEEK = 7 DAYS = 7 FORMULAS

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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Euclid

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FORMULA No.

D331

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$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{\left(4 \times k^2 - 1\right)}{k!^2 \times 2^{2 \times k}} = 1$$

NEW MATHEMATICAL FORMULA DAILY

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$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{9 \times k^2 + 117 \times k + 377}{(3 \times k + 19) \times (3 \times k + 22) \times (k + 6)! \times 3^{k-2}} = \frac{1}{1760}$$

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$$\sum_{k=1}^{k=\infty} \frac{(k-4)\times 7^{k-1}}{(k+3)!} = \frac{1}{6} \qquad k \in N$$

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Euclid

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$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{k^6 - (k+1)^4}{k!^2} = 1$$

NEW MATHEMATICAL FORMULA DAILY

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Euclid

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$$\sum_{k=1}^{k=\infty} \frac{\left(k^2 + 4 \times k - 8\right) \times 11^{k-1}}{(k+1)! \times (k+3)!} = \frac{1}{6} \qquad k \in N$$

NEW MATHEMATICAL FORMULA DAILY

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FORMULAS

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$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{[7 \times (k+1)^2 \times (3 \times k! - 2) - 2 \times k] \times k!}{(7 \times k! - 4) \times [7 \times (k+1)! - 4] \times [7 \times (k+2)! - 4]} = \frac{1}{30}$$

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FORMULA No.

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$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{k \times [5 \times (k+2) \times k! + 1]}{(k+1)! \times (5 \times k! + 1) \times [5 \times (k+1)! + 1]} = \frac{1}{6}$$

NEW MATHEMATICAL FORMULA DAILY

We invite you every week and every day to our website www.and-just-math.com

Thanks for:
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