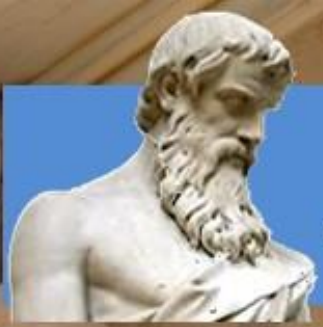

In memory of Justynka, my wife

FORMULAS

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

•••

FORMULA No.

W32

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

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.

D321

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

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

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FORMULA No.

D322

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$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{16 \times k^2 + 208 \times k + 671}{(4 \times k + 25) \times (4 \times k + 29) \times (k + 6)! \times 2^{2 \times k - 4}} = \frac{1}{1305}$$

NEW MATHEMATICAL FORMULA DAILY

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$$\sum_{k=1}^{k=\infty} \frac{(k-2)\times 7^{k-1}}{(k+5)!} = \frac{1}{120} \qquad k \in N$$

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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Euclid

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FORMULA No.

D324

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$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{(2 \times k^2 + 6 \times k + 3) \times (2 \times k + 3)}{k^2 \times (k+1)^2 \times (k+2)^2 \times (k+3)^2} = \frac{1}{9}$$

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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Euclid

•••

FORMULA No.

D325

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$$\sum_{k=1}^{k=\infty} \frac{\left(k^2 + 6 \times k + 2\right) \times 3^k}{(k+1)! \times (k+5)!} = \frac{1}{40} \qquad k \in N$$

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

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Euclid

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FORMULA No.

D326

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$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{[5 \times (k+1)^2 \times (4 \times k! - 3) - 3 \times k] \times k!}{(5 \times k! - 3) \times [5 \times (k+1)! - 3] \times [5 \times (k+2)! - 3]} = \frac{1}{14}$$

NEW MATHEMATICAL FORMULA DAILY

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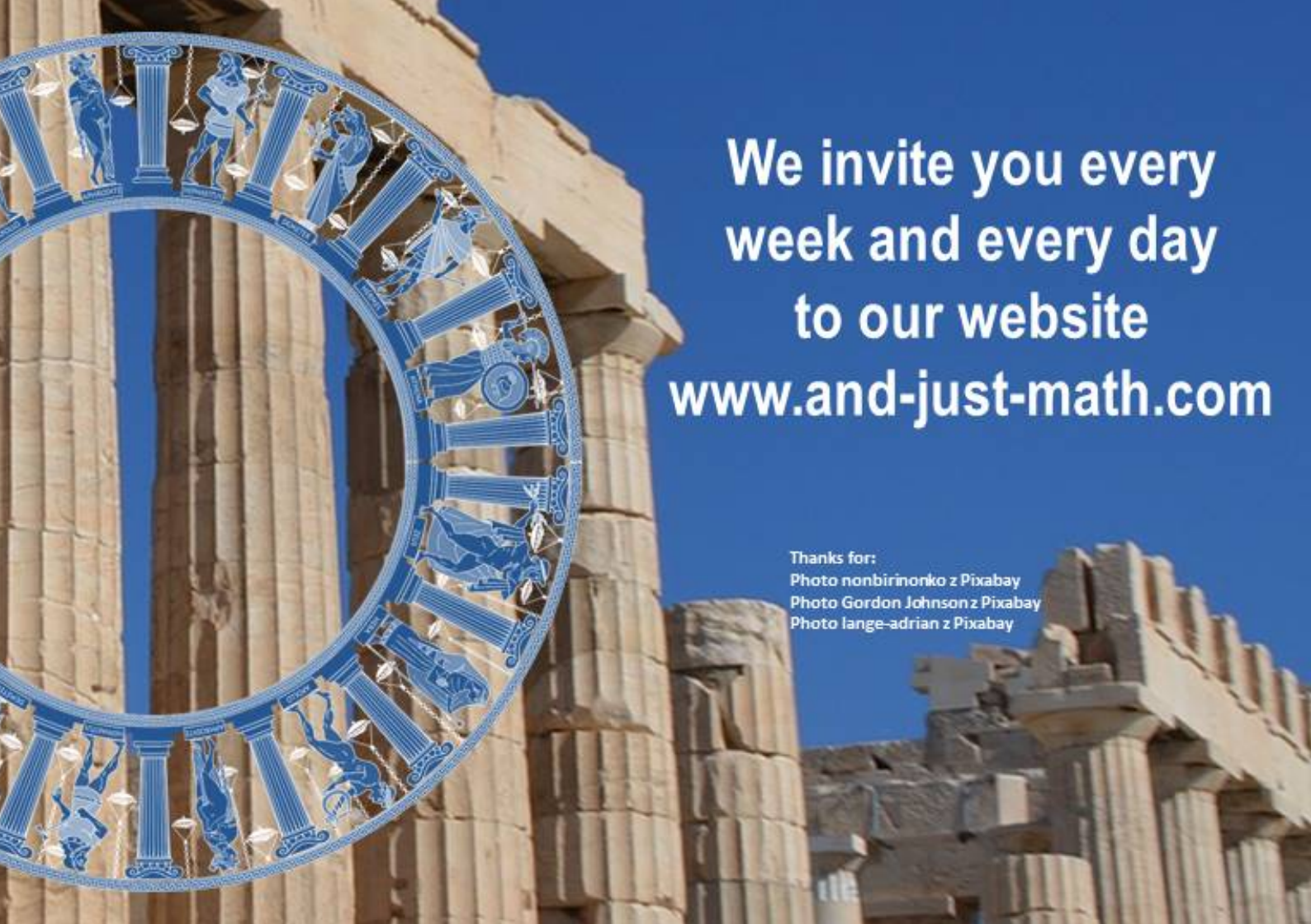
$$k \in N$$

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

NEW MATHEMATICAL FORMULA DAILY



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Thanks for:
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