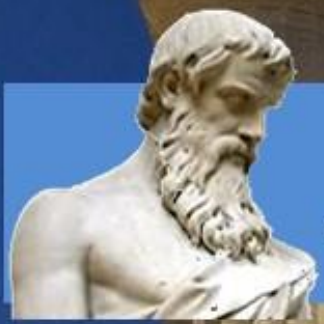

In memory of Justynka, my wife

FORMULAS

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

•••

FORMULA No.

W15

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

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

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FORMULA No.

D151

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Hugo Steinhaus

$$\sum_{k=1}^{k=\infty} \frac{k^2 + 11 \times k + 29}{(k+7)!} = \frac{1}{840} \qquad k \in N$$

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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Euclid

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FORMULA No.

D152

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

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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Euclid

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FORMULA No.

D153

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$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{3^k \times sin^3\left(\frac{\pi}{3^{k+1}}\right) \times (k+3)^2 + \left[\pi - 3^{k+1} \times sin\left(\frac{1}{3^{k+1}}\right)\right] \times (k+2)}{(k+1)^2 \times (k+2)^2 \times (k+3)^2} = \frac{2 \times \pi - 3 \times \sqrt{3}}{288}$$

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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Euclid

•••

FORMULA No.

D154

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

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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

•••

FORMULA No.

D155

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$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{2 \times k^2 + 7 \times k + 7}{(k+2)! \times (k+1) \times (k+2) \times 2^{k-2}} = 1$$

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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Euclid

•••

FORMULA No.

D156

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Hugo Steinhaus

$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{2 \times k^2 + 15 \times k + 8}{(k+6) \times (k+7) \times (k+1)! \times 2^k} = \frac{1}{7}$$

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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

•••

FORMULA No.

D157

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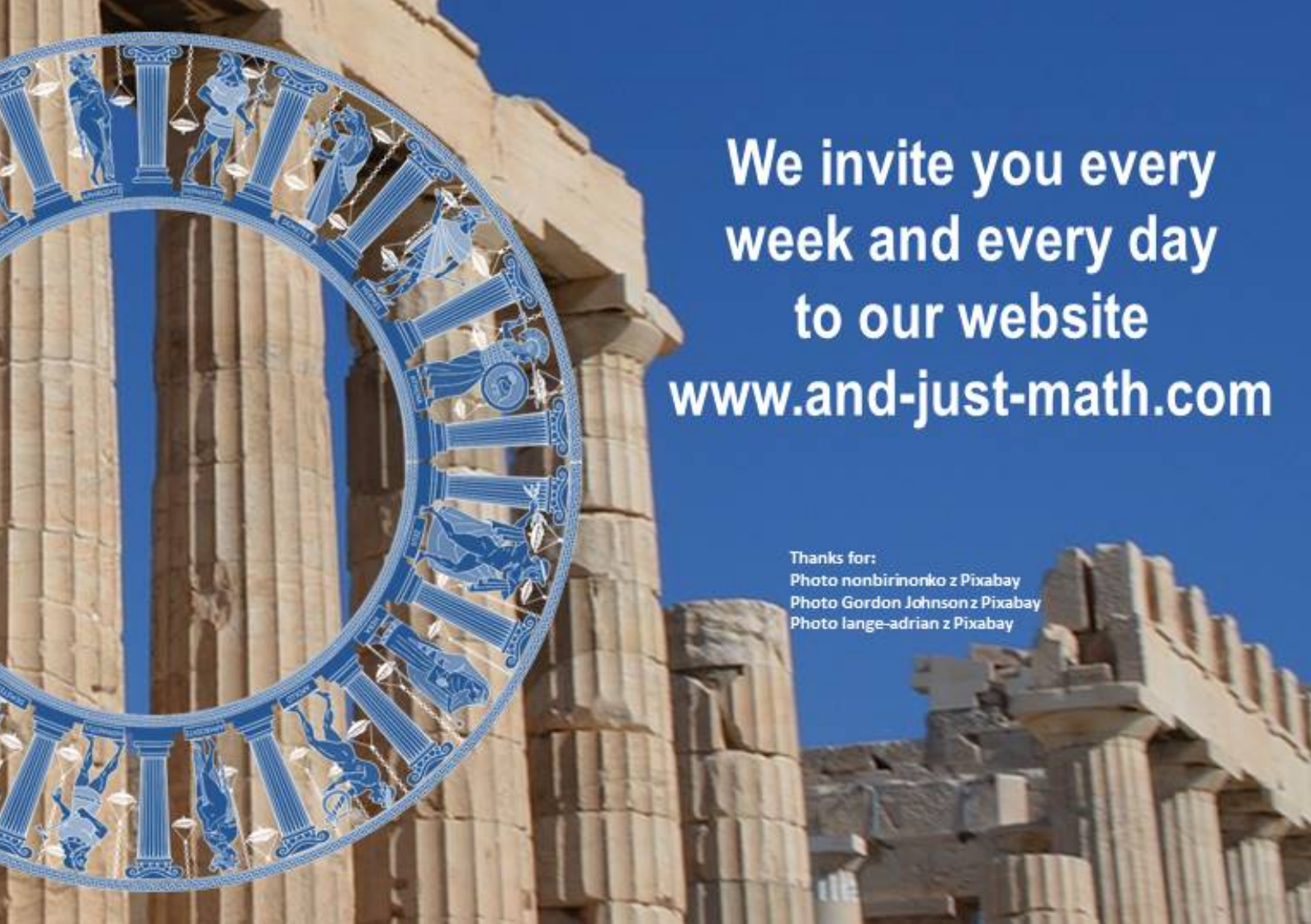
$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{k!^2 \times k \times [2 \times (k+1)! - k - 2]}{[10 \times (k+1)!^2 - 2 \times (k+1)! + 1] \times [10 \times k!^2 - 2 \times k! + 1]} = \frac{1}{90}$$

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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