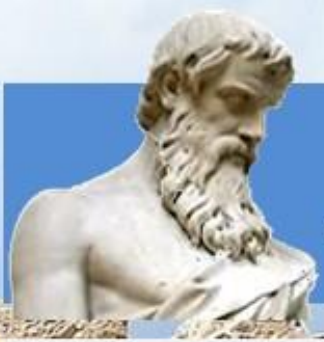

In memory of Justynka, my wife

FORMULAS

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

●●●

FORMULA No.

W10

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

•••

FORMULA No.

D101

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Hugo Steinhaus

$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{49 \times k^2 + 147 \times k + 97}{(7 \times k + 8) \times (7 \times k + 15) \times (k+1)! \times 7^k} = \frac{1}{15}$$

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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Euclid

•••

FORMULA No.

D102

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

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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Euclid

•••

FORMULA No.

D103

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Hugo Steinhaus

$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{3^k \times sin^3\left(\frac{\pi}{3^{k+1}}\right) \times (k+8)^2 + \left[\pi - 3^{k+1} \times sin\left(\frac{1}{3^{k+1}}\right)\right] \times (k+7)}{(k+6)^2 \times (k+7)^2 \times (k+8)^2} = \frac{2 \times \pi - 3 \times \sqrt{3}}{25088}$$

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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Euclid

•••

FORMULA No.

D104

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Hugo Steinhaus

$$\sum_{k=1}^{k=\infty} \frac{(k+2)^8 - (k+1)^7}{k! \times [(k+1) \times (k+2)]^8} = \frac{1}{256} \qquad k \in N$$

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

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Euclid

•••

FORMULA No.

D105

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Hugo Steinhaus

$$k \in N$$

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

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.

D106

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

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.

D107

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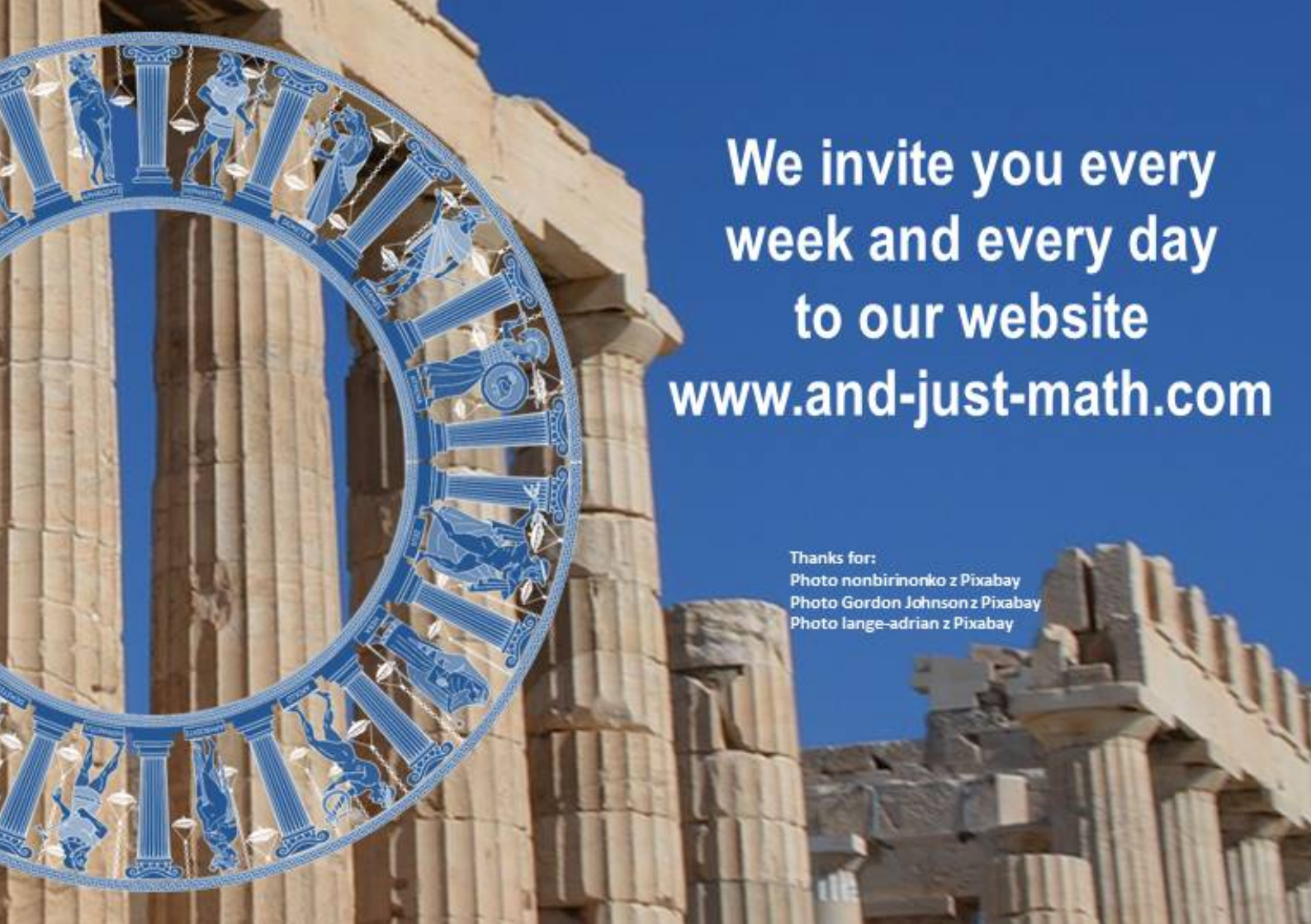
Hugo Steinhaus

$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{2 \times k^2 + 9 \times k + 5}{(k+3) \times (k+4) \times (k+1)! \times 2^k} = 1$$

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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