

In memory of Justynka, my wife

FORMULAS

FORMULA No.

W12

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

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

FORMULA No.

D121

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

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

$$\sum_{k=1}^{k=\infty} \frac{1}{4 \times k^2 - 8 \times k + 3} = -\frac{1}{2} \quad k \in \mathbb{N}$$

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.

D122

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

$$\sum_{k=1}^{k=\infty} \frac{1}{16 \times k^2 + 8 \times k - 3} = \frac{1}{12} \quad k \in \mathbb{N}$$

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.

D123

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

$$\sum_{k=1}^{k=\infty} \sin\left(\frac{\pi}{2^{2 \times k}}\right) \times \sin\left(\frac{3 \times \pi}{5 \times 2^{2 \times k}}\right) = \frac{5 - \sqrt{5}}{8} \quad k \in \mathbb{N}$$

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.

D124

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

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

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.

D125

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

$$\sum_{k=1}^{k=\infty} \frac{1}{(3 \times k + 14) \times (3 \times k + 17)} = \frac{1}{51} \quad k \in \mathbb{N}$$

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.

D126

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

$$\sum_{k=1}^{k=\infty} \frac{36 \times k^2 - 34 \times k - 1}{(34 \times k - 33) \times (34 \times k + 1) \times (4 \times k^2 - 1)} = \frac{1}{68} \quad k \in \mathbb{N}$$

NEW MATHEMATICAL FORMULA DAILY

In memory of Justynka, my wife

FORMULAS

FORMULA No.

D127

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

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

$k \in \mathbb{N}$

$$\sum_{k=1}^{k=\infty} \frac{5^{k-1} \times [(5 \times k + 6)^{k+1} + 25 \times (5 \times k - 4)^{k-1} - 10 \times (5 \times k + 1)^k]}{[(5 \times k + 6)^{k+1} - 5 \times (5 \times k + 1)^k] \times [(5 \times k + 1)^k - 5 \times (5 \times k - 4)^{k-1}]} = 1$$

NEW MATHEMATICAL FORMULA DAILY



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

Thanks for:
Photo nonbirinonko z Pixabay
Photo Gordon Johnson z Pixabay
Photo lange-adrian z Pixabay