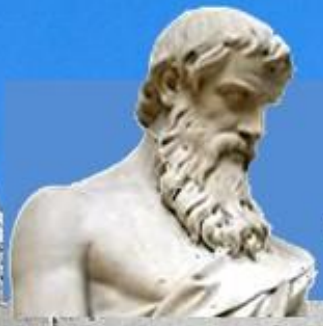


In memory of Justynka, my wife

FORMULAS

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

FORMULA No.
W19

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.

D191

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

$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{k \times [p_{k+7} \times p_{k+8} \times k^2 - (2 \times p_{k+6} - p_{k+7}) \times p_{k+8} \times k - (2 \times p_{k+8} - p_{k+7}) \times p_{k+6}]}{p_{k+6} \times p_{k+7} \times p_{k+8} \times (k+1)!} = \frac{1}{17}$$

p_k *(k-th prime number)*

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.

D192

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

$$k \in N$$

$$\sum_{k=1}^{k=\infty} (k+1) \times \left({p_k}^3 \times 2^{2\times(3-p_k)} - 2 \times {p_{k+1}}^3 \times 2^{2\times(3-p_{k+1})} + {p_{k+2}}^3 \times 2^{2\times(3-p_{k+2})} \right) = 37$$

p_k *(k-th prime number)*

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.

D193

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

$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{(p_{k+1} - p_k) \times [p_k \times p_{k+1} + {p_k}^2 + {p_{k+1}}^2 + 10 \times (p_k + p_{k+1}) + 9]}{p_k \times (p_k + 1) \times (p_k + 9) \times p_{k+1} \times (p_{k+1} + 1) \times (p_{k+1} + 9)} = \frac{1}{66}$$

p_k *(k-th prime number)*

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.

D194

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

$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{2 \times p_k \times p_{k+1} - (k+1) \times p_{k+1} + (k+2) \times p_k}{(k+1) \times (k+2) \times (2 \times p_k + 1) \times (2 \times p_{k+1} + 1)} = \frac{1}{5}$$

p_k *(k-th prime number)*

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.

D195

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

$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{(p_{k+5} - p_{k+4}) \times (p_k{}^2 + 1) \times p_{k+1}{}^2 \times p_{k+6} - (p_{k+6} - p_{k+5}) \times p_{k+4} \times p_k{}^2}{p_k{}^2 \times p_{k+1}{}^2 \times p_{k+4} \times p_{k+5} \times p_{k+6}} = \frac{27}{286}$$

p_k (k-th prime number)

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.

D196

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

$$k \in N$$

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

p_k *(k-th prime number)*

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.

D197

www.and-just-math.com
We are not mathematicians, but we love mathematics and create formulas ourselves.

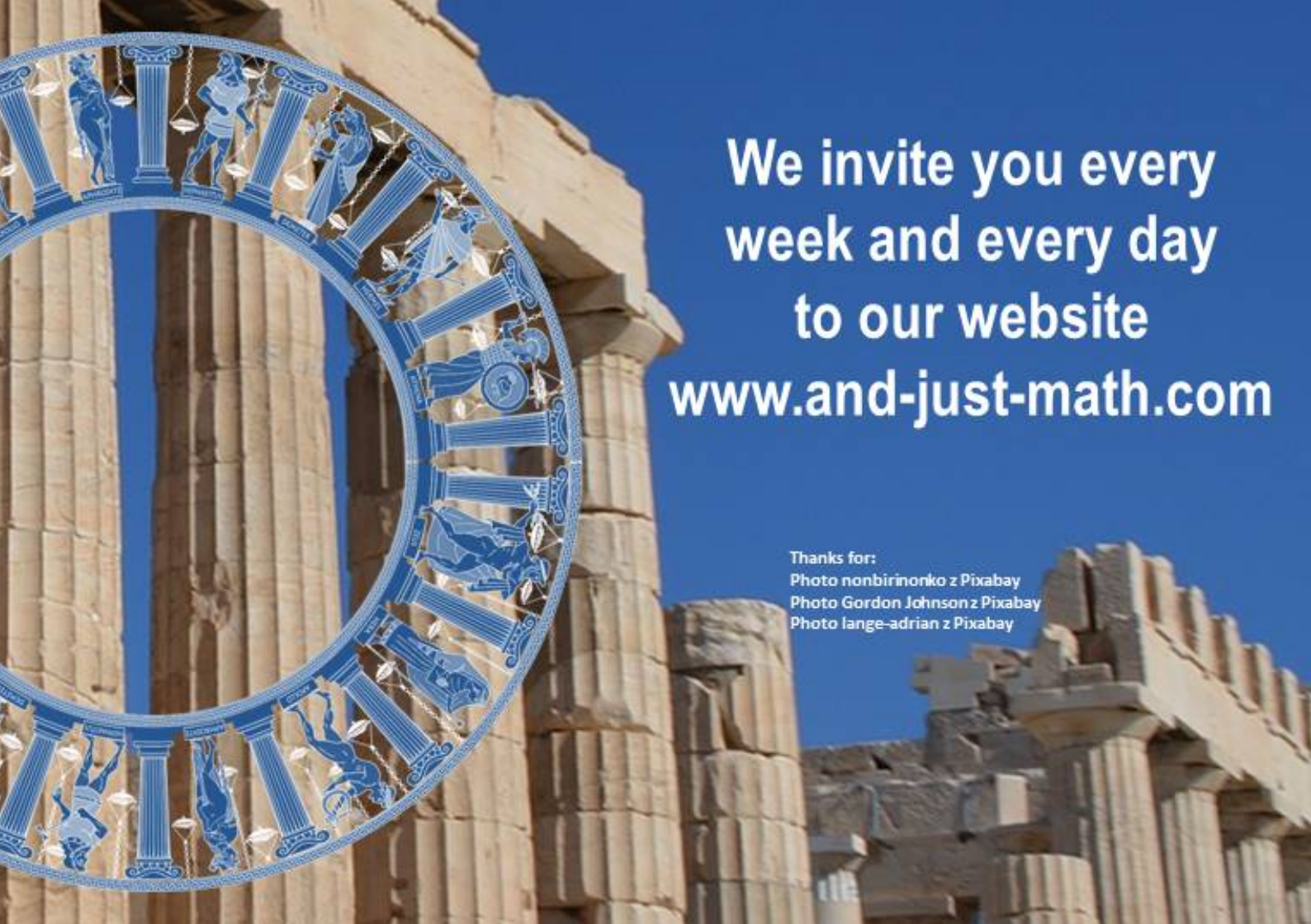
'No other science boosts the faith in the strength of the human spirit like mathematics.'
Hugo Steinhaus

$$k \in N$$

$$\sum_{k=1}^{k=\infty} \frac{2 \times p_k \times p_{k+1} - (k-3) \times p_{k+1} + (k+6) \times p_k + 10}{(k+1) \times (k+2) \times (2 \times p_k + 5) \times (2 \times p_{k+1} + 5)} = \frac{2}{9}$$

p_k (k-th prime number)

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