FORMULAS

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

FORMULA No.

W20

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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

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FORMULA No.

D201

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$$k, n \in N$$

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

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FORMULA No.

D202

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$$k, n \in N$$

$$\prod_{k=1}^{k=n} \frac{(k^2 + k - 1)}{(k^2 - k - 1)} = -(n^2 + n - 1)$$

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D203

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$$k, n \in N$$

$$\prod_{k=1}^{k=n} \frac{3 \times k + 13}{3 \times k + 16} = \frac{16}{3 \times n + 16}$$

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FORMULA No.

D204

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$$k, n \in N$$

$$\prod_{k=1}^{k=n} \frac{(k^2 - k - 4)}{(k^2 - 3 \times k - 2)} = -\frac{n^2 - n - 4}{4}$$

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FORMULA No.

D205

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$$k, n \in N$$

$$\prod_{k=1}^{k=n} \frac{3 \times k - 1}{3 \times k + 2} = \frac{2}{3 \times n + 2}$$

NEW MATHEMATICAL FORMULA DAILY

FORMULAS

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FORMULA No.

D206

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$$k, n \in N$$

$$\prod_{k=1}^{k=n} \frac{2 \times k + 5}{2 \times k^2 + 7 \times k + 6} = \frac{2 \times (2 \times n + 5)}{5 \times (n + 2)!}$$

NEW MATHEMATICAL FORMULA DAILY

FORMULAS

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FORMULA No.

D207

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$$k, n \in N$$

$$\prod_{k=1}^{k=n} \frac{2 \times k! - 1}{2 \times (k+2)! - 1} = \frac{3}{[2 \times (k+1)! - 1] \times [2 \times (k+2)! - 1]}$$

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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