FORMULAS

'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

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$$k, n \in N$$

$$\prod_{k=1}^{k=n} \frac{(2 \times k^2 + 8 \times k + 7)}{(2 \times k^2 + 4 \times k + 1)} = \frac{1}{7} \times (2 \times n^2 + 8 \times n + 7)$$

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$$\prod_{k=1}^{k=n} \frac{4 \times k + 13}{4 \times k + 17} = \frac{17}{4 \times n + 17} \qquad k, n \in N$$

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$$k, n \in N$$

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

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$$\prod_{k=1}^{k=n} \frac{3 \times k + 8}{3 \times k + 11} = \frac{11}{3 \times n + 11} \qquad k, n \in N$$

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$$k, n \in N$$

$$\prod_{k=1}^{k=n} \frac{2 \times k^2 - 5}{2 \times k^2 - 4 \times k - 3} = -\frac{1}{5} \times (2 \times n^2 - 5)$$

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$$k, n \in N$$

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

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$$k, n \in N$$

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

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