

# Mozilla MathML Test

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|    | As rendered by TeX  | As rendered by your browser   |
|----|---|---|
| 1  | $x^2y^2$  | $x^2y^2$  |
| 2  | ${}_2F_3$   | ${}_2F_3$   |
| 3  | $\frac{x+y^2}{k+1}$   | $\frac{x+y^2}{k+1}$   |
| 4  | $x+y^{\frac{2}{k+1}}$   | $x+y^{\frac{2}{k+1}}$   |
| 5  | $\frac{a}{b/2}$   | $\frac{a}{b/2}$   |
| 6  | $a_0 + \frac{1}{a_1 + \frac{1}{a_2 + \frac{1}{a_3 + \frac{1}{a_4}}}}$ | $a_0 + \frac{1}{a_1 + \frac{1}{a_2 + \frac{1}{a_3 + \frac{1}{a_4}}}}$ |
| 7  | $a_0 + \frac{1}{a_1 + \frac{1}{a_2 + \frac{1}{a_3 + \frac{1}{a_4}}}}$ | $a_0 + \frac{1}{a_1 + \frac{1}{a_2 + \frac{1}{a_3 + \frac{1}{a_4}}}}$ |
| 8  | $\binom{n}{k/2}$  | $\binom{n}{k/2}$  |
| 9  | $\binom{p}{2}x^2y^{p-2} - \frac{1}{1-x}\frac{1}{1-x^2}$               | $\binom{p}{2}x^2y^{p-2} - \frac{1}{1-x}\frac{1}{1-x^2}$               |
| 10 | $\sum_{\substack{0 \leq i \leq m \\ 0 \leq j < n}} P(i, j)$           | $\sum_{\substack{0 \leq i \leq m \\ 0 \leq j < n}} P(i, j)$           |
| 11 | $x^{2y}$  | $x^{2y}$  |
| 12 | $\sum_{i=1}^p \sum_{j=1}^q \sum_{k=1}^r a_{ij} b_{jk} c_{ki}$         | $\sum_{i=1}^p \sum_{j=1}^q \sum_{k=1}^r a_{ij} b_{jk} c_{ki}$         |
|    |   |   |

|    |   |   |
|----|---|---|
| 13 | $\sqrt{1+\sqrt{1+\sqrt{1+\sqrt{1+\sqrt{1+\sqrt{1+\sqrt{1+x}}}}}}}$  | $\sqrt{1+\sqrt{1+\sqrt{1+\sqrt{1+\sqrt{1+\sqrt{1+\sqrt{1+x}}}}}}}$  |
| 14 | $\left(\frac{\partial^2}{\partial x^2}+\frac{\partial^2}{\partial y^2}\right) \varphi(x+iy) ^2=0$   | $\left(\frac{\partial^2}{\partial x^2}+\frac{\partial^2}{\partial y^2}\right)\varphi(x+iy)^2=0$   |
| 15 | $2^{2^{2^x}}$   | $2^{2^{2^x}}$   |
| 16 | $\int_1^x \frac{dt}{t}$   | $\int_1^x \frac{dt}{t}$   |
| 17 | $\iint_D dx\,dy$  | $\iint_D dx dy$   |
| 18 | $f(x)=\begin{cases}1/3&\text{if }0\leq x\leq 1;\\2/3&\text{if }3\leq x\leq 4;\\0&\text{elsewhere.}\end{cases}$  | $f(x)=\begin{cases}1/3&\text{if }0\leq x\leq 1;\\2/3&\text{if }3\leq x\leq 4;\\0&\text{elsewhere.}\end{cases}$  |
| 19 | $\overbrace{x+\cdots+x}^{k\text{ times}}$   | $\overbrace{x+\ldots+x}^{k\text{times}}$  |
| 20 | $y_{x^2}$   | $y_{x^2}$   |
| 21 | $\sum_{p\text{ prime}}f(p)=\int_{t>1}f(t)\,d\pi(t)$   | $\sum_{p\text{ prime}}f(p)=\int_{t>1}f(t)d\pi(t)$   |
| 22 | $\overbrace{\{a,\ldots,a,b,\ldots,b\}}^{k\text{ }a\text{'s}\quad l\text{ }b\text{'s}}\\k+l\text{ elements}$   | $\overbrace{\{a,\ldots,a,b,\ldots,b\}}^{k\text{ }a\text{'s}\quad l\text{ }b\text{'s}}\\k+l\text{ elements}$   |
| 23 | $\left(\begin{array}{cc} \begin{pmatrix} a & b \\ c & d \end{pmatrix} & \begin{pmatrix} e & f \\ g & h \end{pmatrix} \\ 0 & \begin{pmatrix} i & j \\ k & l \end{pmatrix} \end{array}\right)$  | $\left(\begin{array}{cc} \begin{pmatrix} a & b \\ c & d \end{pmatrix} & \begin{pmatrix} e & f \\ g & h \end{pmatrix} \\ 0 & \begin{pmatrix} i & j \\ k & l \end{pmatrix} \end{array}\right)$  |
| 24 | $\det \begin{vmatrix} c_0 & c_1 & c_2 & \cdots & c_n \\ c_1 & c_2 & c_3 & \cdots & c_{n+1} \\ c_2 & c_3 & c_4 & \cdots & c_{n+2} \\ \vdots & \vdots & \vdots & & \vdots \\ c_n & c_{n+1} & c_{n+2} & \cdots & c_{2n} \end{vmatrix} > 0$ | $\det \begin{vmatrix} c_0 & c_1 & c_2 & \cdots & c_n \\ c_1 & c_2 & c_3 & \cdots & c_{n+1} \\ c_2 & c_3 & c_4 & \cdots & c_{n+2} \\ \vdots & \vdots & \vdots & & \vdots \\ c_n & c_{n+1} & c_{n+2} & \cdots & c_{2n} \end{vmatrix} > 0$ |
| 25 | $y_{x_2}$   | $y_{x_2}$   |
| 26 | $x_{92}^{31415}+\pi$  | $x_{92}^{31415}+\pi$  |
|    |   |   |

|    |  |  |
|----|--|--|
| 27 | $x_{y_b^a}^{z_c^d}$  | $x_{y_b^a}^{z_c^d}$  |
| 28 | $y_3'''$   | $y_3''$  |
| 29 | $\lim_{n\rightarrow+\infty}\frac{\sqrt{2\pi n}}{n!}\left(\frac{n}{e}\right)^n=1$ | $\lim_{n\rightarrow+\infty}\frac{\sqrt{2\pi n}}{n!}\left(\frac{n}{e}\right)^n=1$ |
| 30 | $\det(A)=\sum_{\sigma\in S_n}\epsilon(\sigma)\prod_{i=1}^na_{i,\sigma_i}$        | $\det(A)=\sum_{\sigma\in S_n}\epsilon(\sigma)\prod_{i=1}^na_{i,\sigma_i}$        |

[This test is based on the original version from MDN.](#)