

	As rendered by TeX	As rendered by your browser
1	$x^2 y^2$	$x^2 y^2$
2	${}_2F_3$	F^3_2
3	$\frac{x+y^2}{k+1}$	$x+y^2 k+1$
4	$x+y^{\frac{2}{k+1}}$	$x+y^2 k+1$
5	$\frac{a}{b/2}$	$a b / 2$
6	$a_0 + \frac{1}{a_1 + \frac{1}{a_2 + \frac{1}{a_3 + \frac{1}{a_4}}}}$	$a_0 + 1 a_1 + 1 a_2 + 1 a_3 + 1 a_4$
7	$a_0 + \frac{1}{a_1 + \frac{1}{a_2 + \frac{1}{a_3 + \frac{1}{a_4}}}}$	$a_0 + 1 a_1 + 1 a_2 + 1 a_3 + 1 a_4$
8	$\binom{n}{k/2}$	$(n k / 2)$
9	$\binom{p}{2} x^2 y^{p-2} - \frac{1}{1-x} \frac{1}{1-x^2}$	$(p^2) x^2 y^{p-2} - 1 1 - x 1 1 - x^2$

$$\sum_{\substack{0 \leq i \leq m \\ 0 < j < n}} P(i, j)$$

$$\sum_{0 \leq i \leq m} \sum_{0 < j < n} P(i, j)$$

$$x^{2y}$$

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$$\sum_{i=1}^p \sum_{j=1}^q \sum_{k=1}^r a_{ij} b_{jk} c_{ki}$$

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$$\sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + x}}}}}}}$$

$$1 + 1 + 1 + 1 + 1 + 1 + 1 + x$$

$$\left(\frac{\partial^2}{\partial x^2} + \frac{\partial^2}{\partial y^2} \right) |\varphi(x + iy)|^2 = 0$$

$$(\partial^2_{\partial x^2} + \partial^2_{\partial y^2}) |\varphi(x + iy)|^2 = 0$$

$$2^{2^{2^x}}$$

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$$\int_1^x \frac{dt}{t}$$

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$$\iint_D dx \, dy$$

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$$f(x) = \begin{cases} 1/3 & \text{if } 0 \leq x \leq 1; \\ 2/3 & \text{if } 3 \leq x \leq 4; \\ 0 & \text{elsewhere.} \end{cases}$$

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$$\overbrace{x + \cdots + x}^{k \text{ times}}$$

$$x + \dots + x \quad k \text{ times}$$

20	y_{x^2}	$y \times 2$
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	$\overbrace{\{a, \dots, a, b, \dots, b\}}^{k \text{ } a\text{'s} \quad l \text{ } b\text{'s}}$ $k+l \text{ elements}$	$\{(a, \dots, a \sqsubseteq k \text{ } a\text{'s}, (b, \dots, b \sqsubseteq \ell \text{ } b\text{'s} \sqsubseteq k + \ell \text{ elements})\}$
23	$\left(\begin{pmatrix} a & b \\ c & d \end{pmatrix} \quad \begin{pmatrix} e & f \\ g & h \end{pmatrix}\right)$ $0 \quad \begin{pmatrix} i & j \\ k & l \end{pmatrix}$	$((abcd)(efgh)0(ijkl))$
24	$\det \begin{vmatrix} c_0 & c_1 & c_2 & \dots & c_n \\ c_1 & c_2 & c_3 & \dots & c_{n+1} \\ c_2 & c_3 & c_4 & \dots & c_{n+2} \\ \vdots & \vdots & \vdots & & \vdots \\ c_n & c_{n+1} & c_{n+2} & \dots & c_{2n} \end{vmatrix} > 0$	$\det c_0 c_1 c_2 \dots c_n c_1 c_2 c_3 \dots c_{n+1} c_2 c_3 c_4 \dots c_{n+2} \square \square \square c_n c_{n+1} c_{n+2} \dots c_{2n} > 0$
25	y_{x_2}	$y \times 2$
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'''	$y 3'''$