

	As rendered by TeX	As rendered by your browser
1	x^2y^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	$\binom{p}{2}x^2y^{p-2}-\frac{1}{1-x}\frac{1}{1-x^2}$	$(p\,2)\,x^2\,y^{p-2}-1\,1-x\,1\,1-x^2$
10	$\sum_{\substack{0\leq i\leq m\\0<j<n}}P(i,j)$	$\Sigma\,0\leq i\leq m\,0<j<n\,P(i,j)$
11	x^{2y}	x^2y
12	$\sum_{i=1}^p\sum_{j=1}^q\sum_{k=1}^ra_{ij}b_{jk}c_{ki}$	$\Sigma\,i=1\,p\,\Sigma\,j=1\,q\,\Sigma\,k=1\,r\,a_{ij}b_{jk}c_{ki}$
13	$\sqrt{1+\sqrt{1+\sqrt{1+\sqrt{1+\sqrt{1+\sqrt{1+\sqrt{1+x}}}}}}}$	$1+1+1+1+1+1+1+x$
14	$\left(\frac{\partial^2}{\partial x^2}+\frac{\partial^2}{\partial y^2}\right) \varphi(x+iy) ^2=0$	$(\,\partial^2\,\partial\,x^2+\partial^2\,\partial\,y^2)\, \,\varphi(x+iy)\, ^2=0$
15	$2^{2^{2^x}}$	$2\,2\,2\,x$
16	$\int_1^x\frac{dt}{t}$	$\int\,1\,x\,dt\,t$
17	$\iint_Ddx\,dy$	$\iint\,D\,dx\,dy$

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

25	y_{x_2}	$y\ x\ 2$
26	$x_{92}^{31415} + \pi$	$x\ 92\ 31415 + \pi$
27	$x_{y_b}^{z_c^d}$	$x\ y\ b\ a\ z\ c\ d$
28	y_3'''	$y\ 3\ '''$