

	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	$\binom{p}{2} x^2 y^{p-2} - \frac{1}{1-x} \frac{1}{1-x^2}$	(p 2) x 2 y p - 2 - 1 1 - x 1 1 - x 2
10	$\sum_{\substack{0 \leq i \leq m \\ 0 < j < n}} P(i, j)$	$\sum_{0 \leq i \leq m} \sum_{0 < j < n} P(i, j)$

11

$$x^{2y}$$

$$x^2 y$$

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

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

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

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

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

$$\int 1/x dt$$

17

$$\iint_D dx dy$$

$$\square D dx dy$$

18

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

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

19

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

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

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
$$\overbrace{\{a, \dots, a, b, \dots, b\}}^{k \text{ a's } \quad l \text{ b's}}$$

$$k+l \text{ elements}$$

$$\{(a, \dots, a \square k \text{ a's}, (b, \dots, b \square \ell \text{ b's} \square k + \ell \text{ elements})\}$$

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
$$\det \begin{vmatrix} c_0 & c_1 & c_2 & \dots & c_n \\ c_1 & c_2 & c_3 & \dots & c_{n+1} \\ c_2 & c_3 & c_4 & \dots & c_{n+2} \\ \vdots & \vdots & \vdots & & \vdots \\ c_n & c_{n+1} & c_{n+2} & \dots & c_{2n} \end{vmatrix} > 0$$

$$\det |c_0 c_1 c_2 \dots c_n c_1 c_2 c_3 \dots c_{n+1} c_2 c_3 c_4 \dots c_{n+2} \square \square \square \square c_n c_{n+1} c_{n+2} \dots c_{2n}| > 0$$

25
$$yx_2$$

$$y \times 2$$

26
$$x_{92}^{31415} + \pi$$

$$x 92 31415 + \pi$$

27
$$x y_b^z c^d$$

$$x y b a z c d$$

28
$$y_3'''$$

$$y 3'''$$