| | As rendered by TeX | As rendered by your browser |
|---|---|---|
| 1 | $x^2 y^2$ | $x^2 y^2$ |
| 2 | $_2 F_3$ | $_2 F_3$ |
| 3 | $\dfrac{x + y^2}{k + 1}$ | $\dfrac{x + y^2}{k + 1}$ |
| 4 | $x + y^{\frac{2}{k+1}}$ | $x + y^{\frac{2}{k+1}}$ |
| 5 | $\dfrac{a}{b/2}$ | $\dfrac{a}{b/2}$ |
| 6 | $a_0 + \cfrac{1}{a_1 + \cfrac{1}{a_2 + \cfrac{1}{a_3 + \cfrac{1}{a_4}}}}$ | $a_0 + \cfrac{1}{a_1 + \cfrac{1}{a_2 + \cfrac{1}{a_3 + \cfrac{1}{a_4}}}}$ |
| 7 | $a_0 + \cfrac{1}{a_1 + \frac{1}{a_2 + \frac{1}{a_3 + \frac{1}{a_4}}}}$ | $a_0 + \cfrac{1}{a_1 + \frac{1}{a_2 + \frac{1}{a_3 + \frac{1}{a_4}}}}$ |
| 8 | $\dbinom{n}{k/2}$ | $\dbinom{n}{k/2}$ |

| | | |
|---|---|---|
| 9 | $\binom{p}{2}x^2y^{p-2} - \dfrac{1}{1-x}\dfrac{1}{1-x^2}$ | $\binom{p}{2}x^2y^{p-2} - \dfrac{1}{1-x}\dfrac{1}{1-x^2}$ |
| 10 | $\displaystyle\sum_{\substack{0\le i\le m \\ 0<j<n}} P(i,j)$ | $P(i,j)$ $\substack{0\ i\ m \\ 0<j<n}$ |
| 11 | $x^{2y}$ | $x^{2y}$ |
| 12 | $\displaystyle\sum_{i=1}^{p}\sum_{j=1}^{q}\sum_{k=1}^{r} a_{ij}b_{jk}c_{ki}$ | $\substack{p \\ i=1}\ \substack{q \\ j=1}\ \substack{r \\ k=1}\ a_{ij}b_{jk}c_{ki}$ |
| 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 | $\left(\dfrac{\partial^2}{\partial x^2}+\dfrac{\partial^2}{\partial y^2}\right)\left|\varphi(x+iy)\right|^2 = 0$ | $\left(\dfrac{2}{x^2}+\dfrac{2}{y^2}\right)\left|(x+iy)\right|^2 = 0$ |
| 15 | $2^{2^{2^{2^x}}}$ | $2^{2^{2^{2^x}}}$ |
| 16 | $\displaystyle\int_1^x \dfrac{dt}{t}$ | $^x_1\dfrac{dt}{t}$ |
| 17 | $\displaystyle\iint_D dx\,dy$ | $_D dx\,dy$ |

| | | |
|---|---|---|
| 18 | $$f(x) = \begin{cases} 1/3 & \text{if } 0 \le x \le 1; \\ 2/3 & \text{if } 3 \le x \le 4; \\ 0 & \text{elsewhere.} \end{cases}$$ | $$f(x) = \begin{cases} 1/3 \text{ if } 0 \quad x \quad 1; \\ 2/3 \text{ if } 3 \quad x \quad 4; \\ 0 \quad \text{elsewhere.} \end{cases}$$ |
| 19 | $$\overbrace{x + \cdots + x}^{k \text{ times}}$$ | $$\overbrace{x + \ldots + x}^{k \text{ times}}$$ |
| 20 | $$y_{x^2}$$ | $$y_{x^2}$$ |
| 21 | $$\sum_{p \text{ prime}} f(p) = \int_{t>1} f(t)\,d\pi(t)$$ | $$_{p \text{ prime}} f(p) = {}_{t>1} f(t)\,d(t)$$ |
| 22 | $$\underbrace{\overbrace{a, \ldots, a}^{k\ a's}, \overbrace{b, \ldots, b}^{l\ b's}}_{k+l \text{ elements}}$$ | $$\{\overbrace{a, \ldots, a}^{k\ a's}, \overbrace{b, \ldots, b}^{b's}\}$$ $$k+ \text{ elements}$$ |
| 23 | $$\begin{pmatrix} \begin{pmatrix} a & b \\ c & d \end{pmatrix} & \begin{pmatrix} e & f \\ g & h \end{pmatrix} \\ 0 & \begin{pmatrix} i & j \\ k & l \end{pmatrix} \end{pmatrix}$$ | $$\begin{pmatrix} \begin{pmatrix} a & b \\ c & d \end{pmatrix} & \begin{pmatrix} e & f \\ g & h \end{pmatrix} \\ 0 & \begin{pmatrix} i & j \\ k & l \end{pmatrix} \end{pmatrix}$$ |
| 24 | $$\det \begin{vmatrix} c_0 & c_1 & c_2 & \cdots & c_n \\ c_1 & c_2 & c_3 & \cdots & c_{n+1} \\ c_2 & c_3 & c_4 & \cdots & c_{n+2} \\ \vdots & \vdots & \vdots & & \vdots \\ c_n & c_{n+1} & c_{n+2} & \cdots & c_{2n} \end{vmatrix} > 0$$ | $$\det \begin{vmatrix} c_0 & c_1 & c_2 & \ldots & c_n \\ c_1 & c_2 & c_3 & \ldots & c_{n+1} \\ c_2 & c_3 & c_4 & \ldots & c_{n+2} \\ c_n & c_{n+1} & c_{n+2} & \ldots & c_{2n} \end{vmatrix} > 0$$ |

| 25 | $y_{x_2}$ | $y_{x_2}$ |
|----|-----------|-----------|
| 26 | $x_{92}^{31415} + \pi$ | $x_{92}^{31415} +$ |
| 27 | $x_{y_b^a}^{z_c^d}$ | $x_{y_b^a}^{z_c^d}$ |
| 28 | $y_3'''$ | $y_3$ |