

|    | 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 | $\sum_{\substack{0 \leq i \leq m \\ 0 < j < n}} P(i, j)$                         | $\sum_{\substack{0 \leq i \leq m \\ 0 < j < n}} P(i, j)$                                    |
| 11 | $x^{2y}$   | $x^{2y}$  |
| 12 | $\sum_{i=1}^p \sum_{j=1}^q \sum_{k=1}^r a_{ij} b_{jk} c_{ki}$                    | $\sum_{i=1}^p \sum_{j=1}^q \sum_{k=1}^r a_{ij} b_{jk} c_{ki}$                               |
| 13 | $\sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + x}}}}}}}$ | $\sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + \sqrt{1 + x}}}}}}}}$ |

|    |   |   |
|----|---|---|
| 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 | $\overbrace{x + \cdots + x}^{k \text{ times}}$  | $\overbrace{x + \dots + x}^{k \text{ times}}$   |
| 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 | $\overbrace{\{a, \dots, a, b, \dots, b\}}^{k \text{ } a\text{'s} \quad l \text{ } b\text{'s}}$<br>$k+l \text{ elements}$  | $\overbrace{\{a, \dots, a, b, \dots, b\}}^{k \text{ } a\text{'s} \quad l \text{ } b\text{'s}}$<br>$k + \ell \text{ elements}$   |
| 23 | $\begin{pmatrix} \begin{pmatrix} a & b \\ c & d \end{pmatrix} & \begin{pmatrix} e & f \\ g & h \end{pmatrix} \\ 0 & \begin{pmatrix} i & j \\ k & l \end{pmatrix} \end{pmatrix}$   | $\begin{pmatrix} \begin{pmatrix} a & b \\ c & d \end{pmatrix} & \begin{pmatrix} e & f \\ g & h \end{pmatrix} \\ 0 & \begin{pmatrix} i & j \\ k & l \end{pmatrix} \end{pmatrix}$   |
| 24 | $\det \begin{vmatrix} c_0 & c_1 & c_2 & \dots & c_n \\ c_1 & c_2 & c_3 & \dots & c_{n+1} \\ c_2 & c_3 & c_4 & \dots & c_{n+2} \\ \vdots & \vdots & \vdots & & \vdots \\ c_n & c_{n+1} & c_{n+2} & \dots & c_{2n} \end{vmatrix} > 0$ | $\det \begin{vmatrix} c_0 & c_1 & c_2 & \dots & c_n \\ c_1 & c_2 & c_3 & \dots & c_{n+1} \\ c_2 & c_3 & c_4 & \dots & c_{n+2} \\ \vdots & \vdots & \vdots & & \vdots \\ c_n & c_{n+1} & c_{n+2} & \dots & c_{2n} \end{vmatrix} > 0$ |
| 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 | $y_3'''$            | $y_3'''$            |