

|   | As rendered by TeX  | As rendered by your browser    |
|---|---|--------------------------------|
| 1 | $x^2y^2$  | $x^2y^2$                       |
| 2 | ${}_2F_3$   | $F_3^2$                        |
| 3 | $\frac{x+y^2}{k+1}$   | $x+y^2k+1$                     |
| 4 | $x+y^{\frac{2}{k+1}}$   | $x+y^2k+1$                     |
| 5 | $\frac{a}{b/2}$   | $ab/2$                         |
| 6 | $a_0 + \frac{1}{a_1 + \frac{1}{a_2 + \frac{1}{a_3 + \frac{1}{a_4}}}}$ | $a_0+1a_1+1a_2+1a_3+1a_4$      |
| 7 | $a_0 + \frac{1}{a_1 + \frac{1}{a_2 + \frac{1}{a_3 + \frac{1}{a_4}}}}$ | $a_0+1a_1+1a_2+1a_3+1a_4$      |
| 8 | $\binom{n}{k/2}$  | $(nk/2)$                       |
| 9 | $\binom{p}{2}x^2y^{p-2} - \frac{1}{1-x}\frac{1}{1-x^2}$               | $(p^2)x^2y^{p-2} - 11-x11-x^2$ |

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| 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 | $\int_1^x \frac{dt}{t}$  | $\int_1^x \frac{1}{t} dt$  |
| 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 | $\overbrace{x + \cdots + x}^{k \text{ times}}$  | $x + \dots + x \text{ --- } k \text{ times}$   |
| 20 | $yx^2$  | $y \times 2$   |
| 21 | $\sum_{p \text{ prime}} f(p) = \int_{t>1} f(t) d\pi(t)$   | $\Sigma p \text{ prime } f(p) = \int t > 1 f(t) d \pi(t)$  |
| 22 | $\overbrace{\{a, \dots, a, b, \dots, b\}}^{k \text{ a's} \quad l \text{ b's}} \\ k+l \text{ elements}$  | $\{(a, \dots, a \text{ --- } k \text{ a's}, (b, \dots, b \text{ --- } \ell \text{ b's} \text{ --- } k + \ell \text{ elements})\}$  |
| 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 | $\det \begin{vmatrix} c_0 & c_1 & c_2 & \dots & c_n \\ c_1 & c_2 & c_3 & \dots & c_{n+1} \\ c_2 & c_3 & c_4 & \dots & c_{n+2} \\ \vdots & \vdots & \vdots & & \vdots \\ c_n & c_{n+1} & c_{n+2} & \dots & c_{2n} \end{vmatrix} > 0$ | $\det \begin{vmatrix} c_0 & c_1 & c_2 & \dots & c_n & c_1 & c_2 & c_3 & \dots & c_{n+1} & c_2 & c_3 & c_4 & \dots & c_{n+2} & \vdots & \vdots & \vdots & \vdots \\ c_n & c_{n+1} & c_{n+2} & \dots & c_{2n} & & & & & & & & & & & & & & \end{vmatrix} > 0$ |
| 25 | $yx_2$  | $y \times 2$   |
| 26 | $x_{92}^{31415} + \pi$  | $x \, 92 \, 31415 + \pi$   |
| 27 | $x_{y_b^a}^{z_c^d}$   | $x \, y \, b \, a \, z \, c \, d$  |

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| 28 | $y_3'''$ | $y_3'''$ |
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