

1.

$$\sum_{\substack{i < n \\ i \text{ sudé}}} x_i^2$$

2.

$$I_4=\begin{pmatrix}1&0&0&0\\0&1&0&0\\0&0&1&0\\0&0&0&1\end{pmatrix}$$

3.

$$|x| = \begin{cases} x & x \geq 0 \\ -x & x \leq 0 \end{cases}$$

4.

$$\begin{array}{l} a+b+c+d+e+f+b+c+d+e+f+b+c+d+e+f \\ +b+c+d+e+f+b+c+d+e+f+i+j+k+l+m+n \end{array}$$

5.

$$\begin{array}{l} a+b=c+d \\ x=w+y+z \\ m+n+o+p=q \end{array}$$

6.

$$\begin{array}{l} a+b+c+d \qquad = 0 \\ c+d+e = 5 \end{array}$$

7.

$$a_{11}x_1+a_{12}x_2+a_{13}x_3 \qquad \qquad \qquad =y_1 \qquad \qquad \qquad (1)$$

$$a_{21}x_1+a_{22}x_2 \qquad \qquad \qquad +a_{24}x_4=y_2$$

$$a_{31}x_1 \qquad \qquad \qquad +a_{33}x_3+a_{34}x_4=y_3 \qquad \qquad \qquad (2)$$

8.

$$\begin{array}{c} x_1+y_1+\left(\sum_{i<5}\binom{5}{i}+a^2\right)^2 \\ \left(\sum_{i<5}\binom{5}{i}+\alpha^2\right)^2 \end{array}$$

9.

$\alpha = \alpha\alpha$		
$\beta = \beta\beta\beta\beta\beta$	versus	$\delta = \delta\delta$
$\gamma = \gamma$		$\eta = \eta\eta\eta\eta\eta$
		$\varphi = \varphi$

10.

$a = b + c - d$	
$= g + h$	
$= i$	(3)
$= j$	