

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.

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

5.

$$\begin{aligned} a + b &= c + d \\ x &= w + y + z \end{aligned}$$

$$m + n + o + p = q$$

6.

$$\begin{aligned} a + b + c + d &= 0, \\ c + d + e &= 5. \end{aligned}$$

7.

$$\begin{array}{lll} \alpha = \alpha \alpha & & \\ \beta = \beta \beta \beta \beta \beta & \text{versus} & \delta = \delta \delta \\ \gamma = \gamma & & \eta = \eta \eta \eta \eta \eta \\ & & \varphi = \varphi \end{array}$$

Volitelné úkoly

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

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

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

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

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$$\begin{aligned} a &= b + c - d \\ &= g + h \\ &= i \\ &= j \end{aligned} \quad (3)$$