

Énoncés des exercices

EXERCICE 1 [[Indication](#)] [[Correction](#)]

$$\text{Résoudre le système (S)} \begin{cases} 2x + 2y - z + t = 4 \\ 4x + 3y - z + 2t = 6 \\ 8x + 5y - 3z + 4t = 12 \\ 3x + 3y - 2z + 2t = 6 \end{cases}$$

EXERCICE 2 [[Indication](#)] [[Correction](#)]

$$\text{Résoudre le système (S)} \begin{cases} 2x + 7y + 3z + t = 5 \\ x + 3y + 5z - 2t = 3 \\ x + 5y - 9z + 8t = 1 \\ 5x + 18y + 4z + 5t = 12 \end{cases}$$

EXERCICE 3 [[Indication](#)] [[Correction](#)]

$$\text{Résoudre le système (S)} \begin{cases} 2x + 5y - 8z = 8 \\ 4x + 3y - 9z = 9 \\ 2x + 3y - 5z = 7 \\ x + 8y - 7z = 12 \end{cases}$$

EXERCICE 4 [[Indication](#)] [[Correction](#)]

$$\text{Résoudre le système (S)} \begin{cases} 3x + 6y + 5z + 6t + 4u = 14 \\ 5x + 9y + 7z + 8t + 6u = 18 \\ 6x + 12y + 13z + 9t + 7u = 32 \\ 4x + 6y + 6z + 5t + 4u = 16 \\ 2x + 5y + 4z + 5t + 3u = 11 \end{cases}$$

EXERCICE 5 [[Indication](#)] [[Correction](#)]

$$\text{Résoudre le système (S)} \begin{cases} 2x - y - 6z + 3t = -1 \\ 7x - 4y + 2z - 15t = -32 \\ x - 2y - 4z + 9t = 5 \\ x - y + 2z - 6t = -8 \end{cases}$$