

I can solve systems of linear equations using matrices.

$$\begin{aligned} 1) \quad & 8x + 2y = -18 \\ & 6x + 9y = 9 \end{aligned}$$

$$\begin{aligned} 2) \quad & -9x - 7y = -14 \\ & 8x + 4y = 8 \end{aligned}$$

$$\begin{aligned} 3) \quad & -5x + 2y = -15 \\ & 3x - 3y = 9 \end{aligned}$$

$$\begin{aligned} 4) \quad & 9x - 4y = -11 \\ & 7x - 6y = -23 \end{aligned}$$

$$\begin{aligned} 5) \quad & 2a + 3b - 5c = -22 \\ & -10a + 3b + 4c = -1 \\ & 4a - 3b + 3c = 14 \end{aligned}$$

$$\begin{aligned} 6) \quad & -6r - 2s + 2t = 10 \\ & 6r + 2s - 4t = -14 \\ & -6r + s + 4t = -4 \end{aligned}$$

$$\begin{aligned} 7) \quad & -4a + 4b - 3c = 24 \\ & 3a + 6b - 3c = 18 \\ & -4a - b + 3c = 4 \end{aligned}$$

$$\begin{aligned} 8) \quad & 6r - 5s + 2t = -26 \\ & 4r - 5s + 6t = 4 \\ & -5r + 5s - 5t = 5 \end{aligned}$$

$$\begin{aligned} 9) \quad & 4x - 3y + z = 2 \\ & -4x - y = -25 \\ & -4x + 4y - z = 3 \end{aligned}$$

$$\begin{aligned} 10) \quad & -4x - 4y - 4z = 4 \\ & 4x + 4y - 2z = -28 \\ & -4x - 5y - 3z = 14 \end{aligned}$$

$$\begin{aligned} 11) \quad & -2x + 7z = -6 \\ & -3x - 6y - 2z = 9 \\ & x + 6y - 5z = -15 \end{aligned}$$

$$\begin{aligned} 12) \quad & 2s - 2t = -22 \\ & 2r - 4s - 3t = 8 \\ & -2r + 3s + 5t = 9 \end{aligned}$$

$$\begin{aligned} 13) \quad & -2a - 2b - 4c = -4 \\ & -2a + b + c = -10 \\ & 2a - 3b - 4c = 13 \end{aligned}$$

$$\begin{aligned} 14) \quad & 4x - 5y + 4z = 13 \\ & 3x + 5y - 4z = -13 \\ & -3x - 5y + 6z = 7 \end{aligned}$$