

Calcul - 10 minutes

Exercice Résoudre ($a \in \mathbb{C}$)

1.
$$\begin{cases} 3x & -4y & = & -\sqrt{2} \\ 6x & +2y & = & 3\sqrt{2} \end{cases}$$

2.
$$\begin{cases} x & -ay & = & 3a + 2 \\ ax & +y & = & 2a - 3 \end{cases}$$

3.
$$\begin{cases} x & -y & +3z & = & \frac{5}{2} \\ x & +2y & -2 & = & \frac{3}{2} \end{cases}$$

4.
$$\begin{cases} x & +2y & -z & = & -3 \\ 2x & -y & +z & = & 8 \\ 3x & +y & +2z & = & 11 \end{cases}$$

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1.
$$\begin{cases} 2x + y = 16 \\ x - y = 5 \end{cases}$$

2.
$$\begin{cases} x + 2y = 3a \\ 2x - ay = 5a - a^2 \end{cases}$$

3.
$$\begin{cases} 5x + y + 2z = -\frac{5}{2} \\ 2x - y + 2 = -\frac{5}{3} \end{cases}$$

4.
$$\begin{cases} 3x + 2y + 3z = 0 \\ 2x - y + 2z = -1 \\ 4x + 5y + 4z = 1 \end{cases}$$