

Advanced Higher Maths
SQA 2022 Paper 1
Question 2



Use Gaussian elimination to solve the following system of equations:

$$\begin{aligned}x - 2y + z &= 4 \\2x + y - 3z &= 3 \\x - 7y - 4z &= 9\end{aligned}$$

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Answer:

$$x = 2, \quad y = -1, \quad z = 0$$