وزارة التربية والتعليم
Ministry of Education

SEER BANI YAS SCHOOL, ABUDHABI
Grade 12- Gen

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Solve the system using matrix method

$$x + y + z = 6$$
$$2x - y - z = -3$$
$$3x - 5y + 7z = 14$$

$AX = B$

$$\begin{bmatrix} & & \end{bmatrix} \begin{bmatrix} x \\ y \\ z \end{bmatrix} = \begin{bmatrix} & \end{bmatrix}$$

$X = A^{-1}B$

$$\begin{bmatrix} x \\ y \\ z \end{bmatrix} = \begin{bmatrix} & & \end{bmatrix} \begin{bmatrix} & \end{bmatrix}$$

$$\begin{bmatrix} x \\ y \\ z \end{bmatrix} = \begin{bmatrix} & \end{bmatrix}$$

X = Y= Z =