Weekend challenge (March 11-14, 2022)

March 13, 2022

Your weekend challenge: Use Gauss-Jordan Elimination to find the inverse of A:
$A = \begin{bmatrix} 1 & 4 \\ -1 & -3 \end{bmatrix}$
Remember: First set up the problem with the augmented matrix $[A|I]$.

$$\begin{cases} x + y + z = 10000 \\ 0.065x + 0.07y + 0.09z = 705 \\ 2y - z = 0 \end{cases}$$