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Group Work: Gauss-Jordan Reduction

2014 - 2015 Spring Semester MATH 3210 / 5210 (Barsamian)

Solve the system using Gauss-Jordan Reduction. That is,

system → matrix → Gauss-Jordan Reduction to Reduced Echelon Form → system → solution

$$\begin{cases} x + y + 2z + 4w = 2 \\ 3x + y + 6z + 8w = 8 \\ 2x + y + 4z + 4w = 5 \end{cases}$$