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Use Gauss-Jordan Elimination to solve the following set of linear equations:

|  |
| --- |
| 2A + 3.6B + 6.3C = 25.4  4A + 4.3B + 5.4C = 27.7  7.2A + 5.5B + 2.3C = 28.3  | 2 3.6 6.3 | | A | | 25.4 |  | 4 4.3 5.4 | | B | = | 27.7 |  | 7.2 5.5 2.3 | | C | | 28.3 |  | 2 3.6 6.3 25.4 |  | 4 4.3 5.4 27.7 |  | 7.2 5.5 2.3 28.3 |  | 1 1.8 3.15 12.7 | div by 2  | 4 4.3 5.4 27.7 |  | 72 55 23 283 | mul by 10  | 1 1.8 3.15 12.7 |  | 0 -2.9 -7.2 -23.1 | sub R1\*4  | 0 -74.6 -203.8 232.2 | sub R1\*72  | 1 1.8 3.15 12.7 |  | 0 1 72/29 231/29 | div by -2.9  | 0 -74.6 -203.8 232.2 |  | 1 0 -153/116 -95/58 | sub R2\*1.8  | 0 1 72/29 231/29 |  | 0 -74.6 -203.8 232.2 | sub R2\*-74.6  … keep going until you win. you might not though |

Do with Jacobian