

Name: \_\_\_\_\_

Score: \_\_\_\_\_

**Directions:** Please answer in the space provided. Please show all of your work and indicate your row operations. No calculators. Please put all phones, etc., away.

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1. Use either *Gaussian Elimination* or *Gauss-Jordan Elimination* to solve the following system.

$$\begin{cases} x & & - 3z & = & -2 \\ 3x & + & y & - 2z & = & 5 \\ 2x & + & 2y & + & z & = & 4 \end{cases}$$