

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

R. Hammack

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

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**Directions:** Please answer in the space provided. Please show all of your work and indicate your row operations. Use of calculators or any form of electronic communication device is strictly forbidden on this quiz.

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

$$\begin{cases} 2x - y - z = 0 \\ x + y - 5z = 3 \\ x - 2z = 1 \end{cases}$$