

Name _____

Mathematics 205: Linear Algebra
Fall Semester 2004
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Quiz #1
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The augmented matrix of a linear system has been reduced by row operations to the form

$$\begin{bmatrix} 1 & -2 & 0 & 3 & -2 \\ 0 & 1 & 0 & -4 & 7 \\ 0 & 0 & 1 & 0 & 6 \\ 0 & 0 & 0 & 1 & 0 \end{bmatrix}$$

Reduce this augmented matrix and describe the solution set of the original system.