

Quiz 1

Name: _____

1. Use elementary row operations to transform the following system of linear equations into echelon form, then solve the system. Be sure to clearly identify the row operations you use at each step.

$$\begin{array}{rcccccl} & & y & + & 2z & = & 5 \\ 3x & - & 4y & - & z & = & 7 \\ 4x & - & 2y & - & z & = & 7 \end{array}$$