Quiz 1
Math 54-Sec107

Your Name Here:

1) Solve the following linear system.
\[
\begin{align*}
x + 3y - 3z &= -4 \\
x - y - z &= 2 \\
3x + y - 2z &= 6
\end{align*}
\]

2) How many solutions does this system have?
\[
\begin{align*}
4x + 7y + 3z &= 2 \\
2x + y + z &= 2 \\
x + 3y + z &= 0
\end{align*}
\]