Name _____

Date _____ Hour _____

Algebra 2 & Trig.

Problem of the week- Due 10-24-2008

Directions: Print out this page and answer the following questions directly on that sheet of paper.

1. (2 points) Determine if the ordered triple $(3, 1, -2)$ is a solution to the system:

$$\begin{cases} 3x - 2y + 4z = 8 \\ x - 5y + 3z = -2 \\ -7x + y - 2z = -7 \end{cases}$$

2. (3 points) Solve the system of equations: $\begin{cases} x - 3z = 7 \\ y + 2z = 2 \\ 7x - 3y - 5z = 14 \end{cases}$.

3. (5 points) Explain what grade you need to get 2nd quarter and on the final exam in order to earn your goal grade for this class.

Andruck's Problem of the Week