

Name:

1. Find all solutions to the following system of equations. Please explicitly indicate any free variables.

$$y + z = 4$$

$$2x + 3y = 1$$

$$x + y - z = 0$$

2. Find all solutions to the following system of equations. Please explicitly indicate any free variables.

$$y + 3z = 2$$

$$2x + 3y + z = 2$$

$$x + y - z = 0$$