

Math 1010 - Quiz 5

University of Utah

Fall 2009

Name: _____

1. Use the graphical method to find the solution to the system of equations. Make sure to check your result. (5 points)

$$\begin{array}{rclcl} x & + & 4y & = & 8 \\ -2x & + & y & = & 2 \end{array}$$

2. Use the method of substitution to find the solution to the given system of equations. (5 points)

$$\begin{array}{rcl} 4x & - & 5y = 13 \\ 3x & - & y = 7 \end{array}$$

3. Use the method of elimination to find the solution to the given system of equations. (5 points)

$$\begin{array}{rcl} 4x & + & 3y = -10 \\ 3x & - & y = -14 \end{array}$$