**Systems of Linear Equations Name: \_\_\_\_\_\_\_\_\_\_\_**

C1 Assignment - Solving Systems of Equations Graphically

1. For each question, graph both equations on the same grid and locate the intersection point.

 b)



1. Solve each system of linear equations graphically and then verify the solution algebraically.

a)  b)  c) 



 Solution is \_\_\_\_\_\_\_\_\_\_\_\_ Solution is \_\_\_\_\_\_\_\_\_\_\_\_ Solution is \_\_\_\_\_\_\_\_\_\_\_\_

 Verify Solution: Verify Solution: Verify Solution:

1. You have just started a new job and have been given the following options for your weekly wage. Option 1 is an hourly rate of $10/hr with a weekly salary of $150. Option 2 is an hourly rate of $15/hr with a weekly salary of $50.

Make a System of Linear Equations to represent your wage options.

Explain which option would be better depending on how many hours you work in a week. (Please use a table of values and a graph in your explanation)

