**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per.\_\_\_\_\_\_\_ Score:\_\_\_\_\_**

**U9 HW #1** *Solving Systems of Linear Equations by Graphing Part I*

1. Solve the system of linear equations graphically. If there is one solution, verify that your solution satisfies both equations.

|  |  |
| --- | --- |
| 1. $y=3x+1$ and $x+y=5$

Verify:  | 1. $y=-5$ and $2x+y=-3$

Verify:  |
| 1. $y=-3x+4$ and $y=\frac{1}{2}x-3$

Verify:  | 1. $x-y=-2$ and $-x+y=2$

List 2 points that are solutions to this system. |

**Directions:** Solve each system by graphing. USE A RULER!!!!!!!!

|  |  |  |
| --- | --- | --- |
| **2.**  |  | **3.**  |
| **4.**  |  | **5.**  |