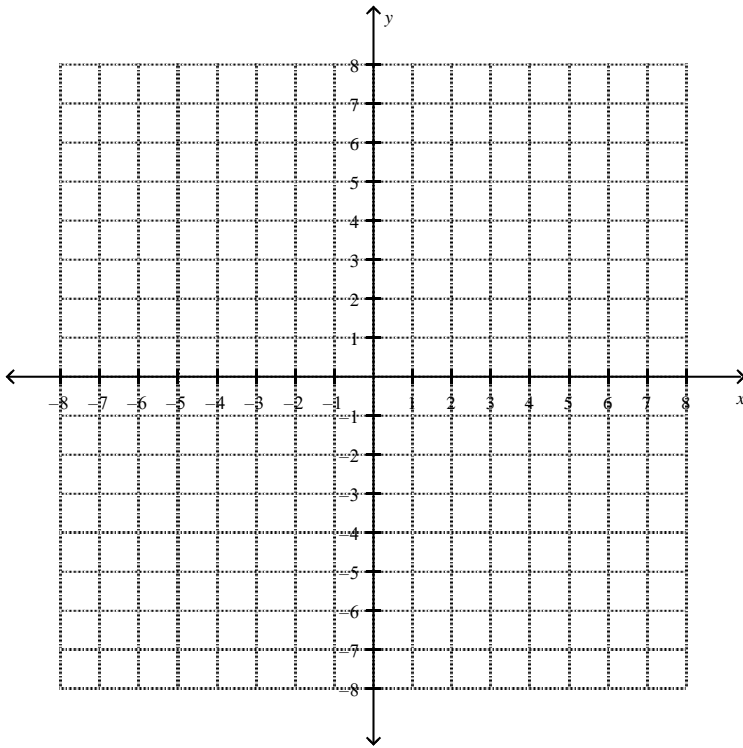**Name:** _____   **Class:** _____

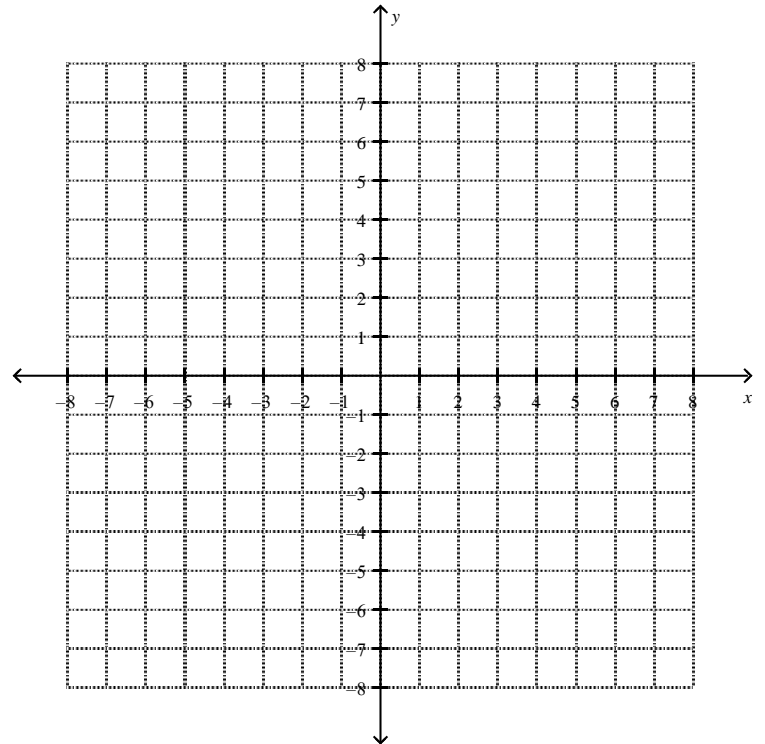**AU4: HW #1 – Graphing Special Solution Systems**   **Date:** _____

Graph the two linear equations and find the solution.
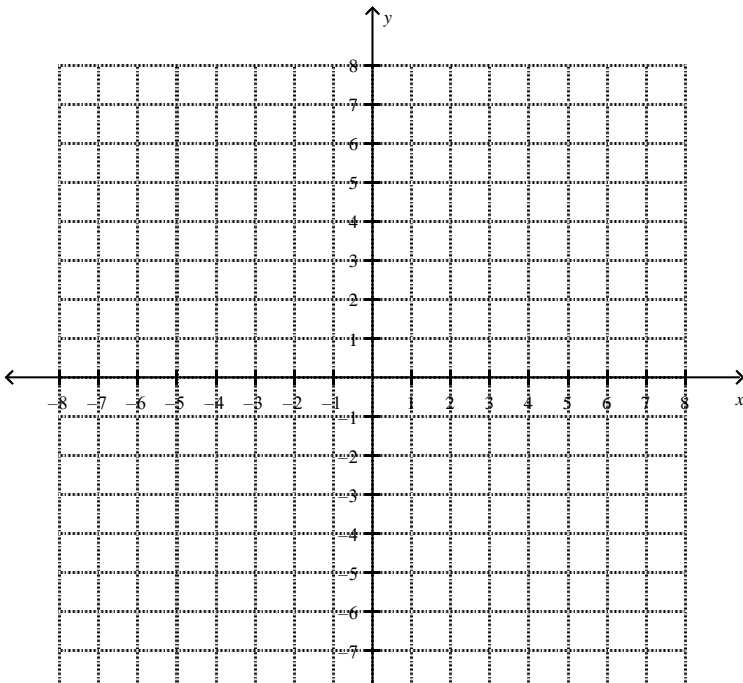
3. $\begin{cases} y = 2x + 6 \\ -2x + y = 6 \end{cases}$
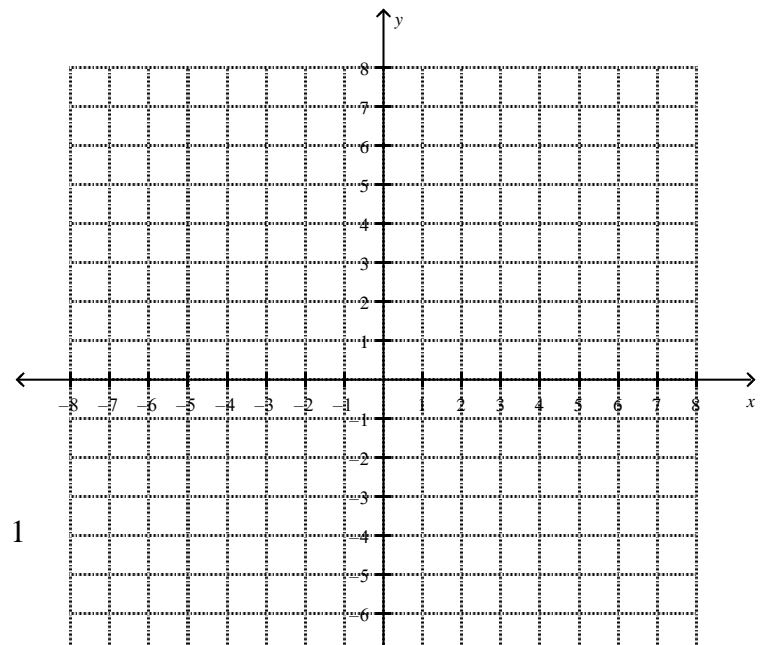
4. $\begin{cases} y = 2x + 4 \\ y - 2x = 4 \end{cases}$
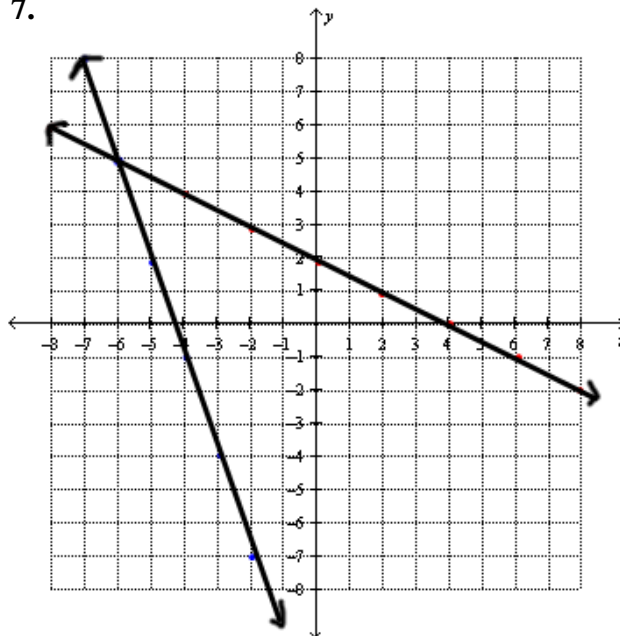
5. $\begin{cases} y = 2x - 2 \\ y - 2x = 5 \end{cases}$

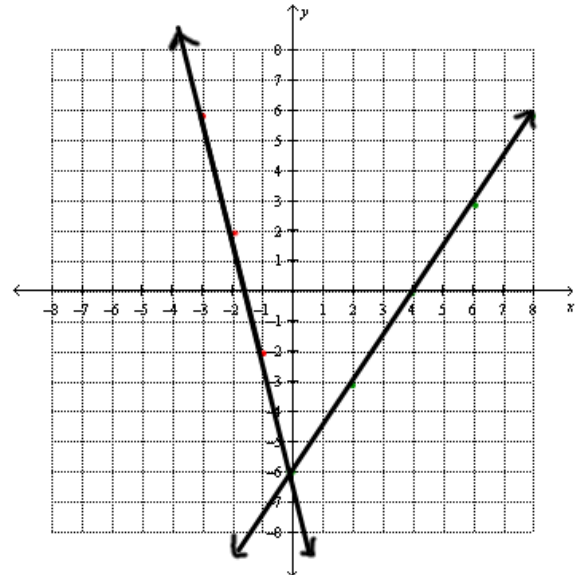**6.** $\begin{cases} y = -\dfrac{3}{2}x + 2 \\ y = \dfrac{1}{2}x - 2 \end{cases}$

1

Find the solution to the given systems.

7.

8.

Spiral – Show all work:
Solve the following equations:

9. $7x-8+2(x+12)=52$

10. $6(x+5)=2(x-3)$