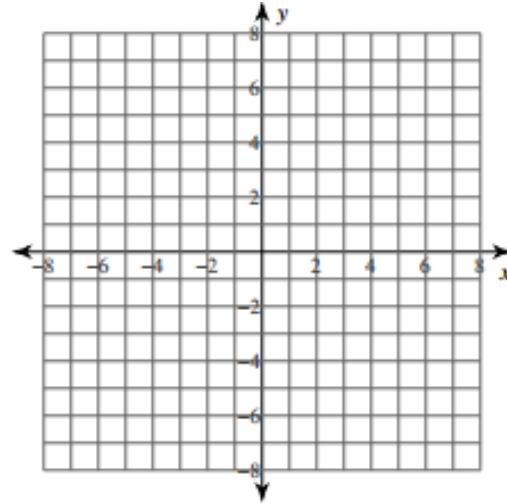Name_____

REVIEW WS: SOLVE SYSTEMS OF EQUATIONS USING GRAPHING, SUBSTITUTION, ELIMINATION

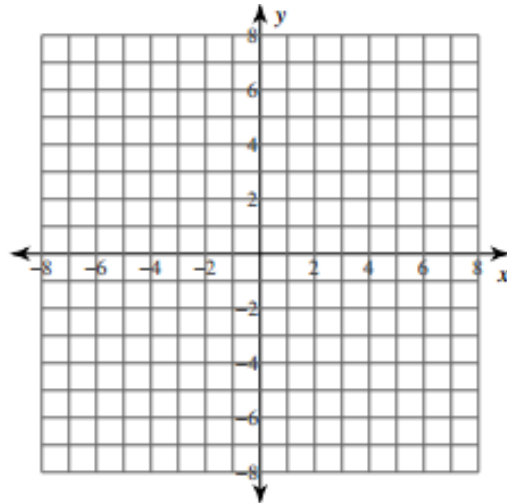**Solve by graphing. State the solution and the type of system.**

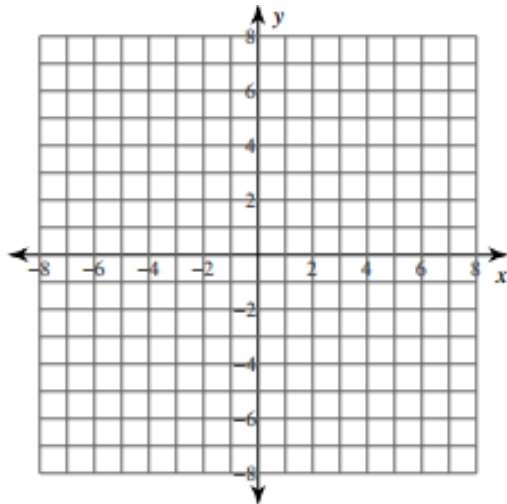1. $\begin{cases} y = 3x - 2 \\ 4x - 4y = -8 \end{cases}$

SOLN

TYPE

2. $\begin{cases} y = -3x + 4 \\ y - 2 = -3(x + 4) \end{cases}$

SOLN

TYPE

3. $\begin{cases} y = \frac{4}{5}x - 4 \\ 4x - 5y = 20 \end{cases}$

SOLN

TYPE

Solve each system by using _substitution_. State the solution and the type of system.

4. $\begin{cases} y = x - 3 \\ 2x + 2y = 10 \end{cases}$

5. $\begin{cases} y = \frac{1}{2}x - \frac{5}{2} \\ 2x - 4y = -10 \end{cases}$

Solve each system by using _elimination_. State the solution and the type of system.

6. $\begin{cases} 5x - 2y = 36 \\ x + 2y = 0 \end{cases}$

7. $\begin{cases} 4x + 15y = 10 \\ 3x + 10y = 5 \end{cases}$