

# ALGEBRA II HONORS QUIZ 34

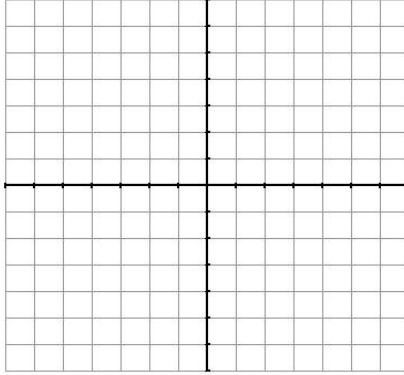
Name: \_\_\_\_\_

Period: \_\_\_\_

Solve the following. If a system has no solutions or infinitely many solutions, state so.

1. Solve by graphing:

$$\begin{cases} 2x + 4y = 8 \\ -x - 2y = 2 \end{cases}$$



(25)1. \_\_\_\_\_

2. Solve by substitution:

$$\begin{cases} 3x - y = 2 \\ x^2 - 2y = -1 \end{cases}$$

(25)2. \_\_\_\_\_

3. Solve by elimination:

$$\begin{cases} 5x + 2y = 11 \\ 3x - 4y = 17 \end{cases}$$

(25)3. \_\_\_\_\_

$$4. \begin{cases} 2x + 3y - z = 7 \\ 4x - 5y = 12 \\ x - y + 2z = 1 \end{cases}$$

(25)4. \_\_\_\_\_