

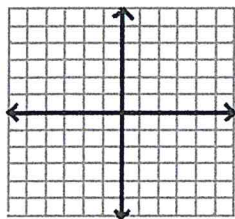
Solving Systems by Substitution

Name _____

Date _____ Per. _____

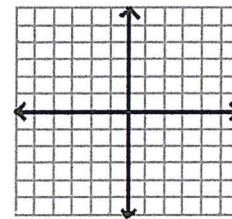
Solve each system of equations by substitution. Use the graph to check your answer.

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



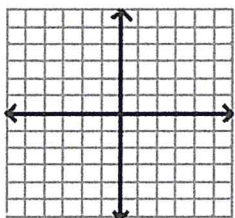
solution:
(,)

$$2. \begin{cases} y = x + 1 \\ 2x + y = -5 \end{cases}$$



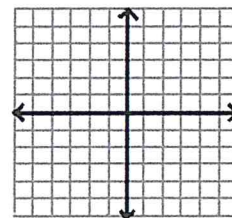
solution:
(,)

$$3. \begin{cases} y = x - 6 \\ y = -x - 2 \end{cases}$$



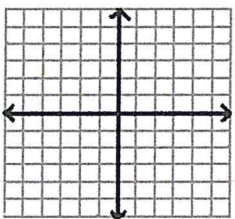
solution:
(,)

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



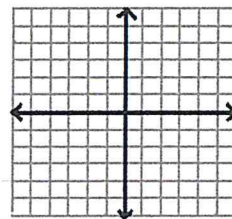
solution:
(,)

$$5. \begin{cases} x = -y + 2 \\ 3y + x = 6 \end{cases}$$



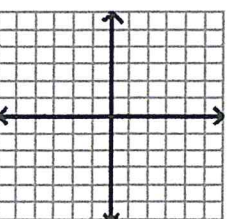
solution:
(,)

$$6. \begin{cases} y = 2x - 4 \\ -2x + 4y = 8 \end{cases}$$



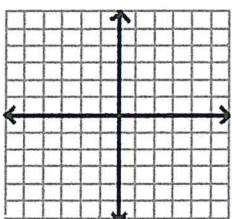
solution:
(,)

$$7. \begin{cases} y = -2x - 2 \\ -6x + 3y = 18 \end{cases}$$



solution:
(,)

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



solution:
(,)