

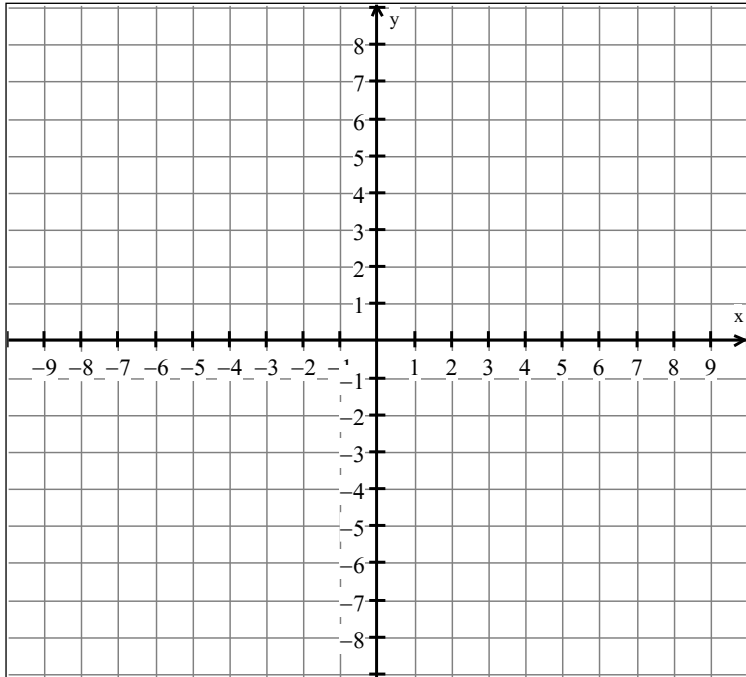
021 Quiz 8

Name _____

For each system in problem 1, complete the following steps:

- a. Put each equation into $y = mx + b$ form.
- b. Graph both lines.
- c. State the solution to the system of equations.

1) $y = -3 + 2x$
 $y + 2x = -7$



For problem 2, solve the system by substitution. Show your work.

2) $5x + y = 7$
 $2y = 6 - 6x$

For problem 3, solve the system by elimination. Show your work.

$$\begin{array}{l} 3) \quad 2x + 4y = 3 \\ \quad 4x - y = -3 \end{array}$$

For problem 4, solve the system however you like. Show your work.

$$\begin{array}{l} 4) \quad 4x + 4y = 2 \\ \quad 4y + 4x = -3 \end{array}$$