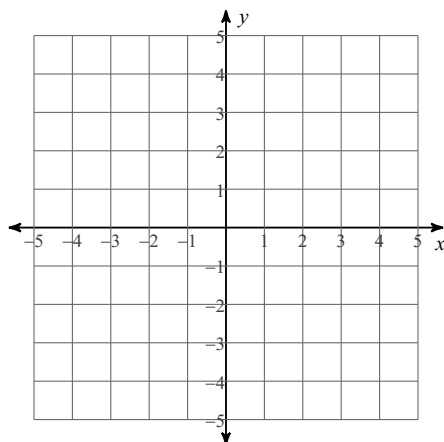


Systems Unit Review 2

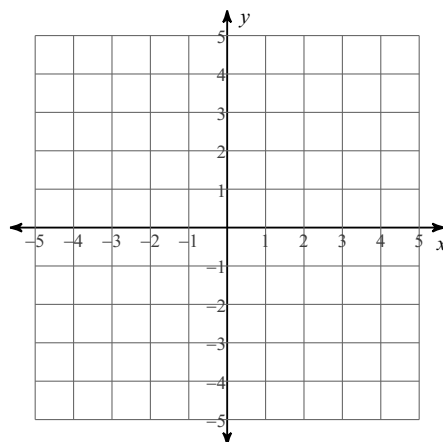
Date _____ Period _____

Solve each system by graphing. Show all work.

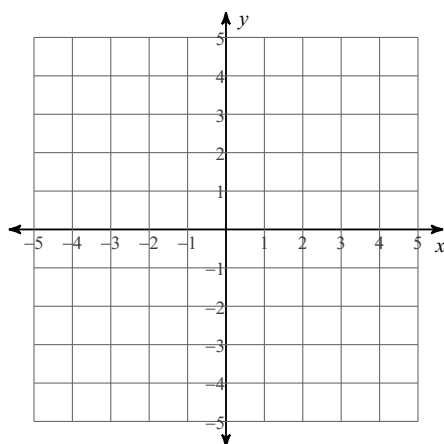
1) $-1 - 2x + y = 0$
 $2 = -x - y$



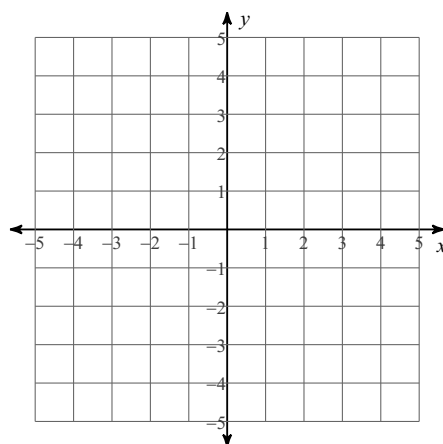
2) $-8 = -5x - 2y$
 $-8 + 3x = 2y$



3) $12 = -6y - 15x$
 $-2y = 5x + 4$



4) $-4 + x = -y$
 $-x = 2 - y$



Solve each system. Show all work.

$$\begin{array}{l} 5) \quad -4x - y = -21 \\ \quad \quad x - 11y = -6 \end{array}$$

$$\begin{array}{l} 6) \quad 2x - 4y = -20 \\ \quad \quad -9x + 7y = 2 \end{array}$$

$$\begin{array}{l} 7) \quad y = 2x + 8 \\ \quad \quad y = -4x - 10 \end{array}$$

$$\begin{array}{l} 8) \quad -7x + 2y = -23 \\ \quad \quad y = -5x + 14 \end{array}$$

$$\begin{array}{l} 9) \quad 2x + y = 2 \\ \quad \quad -3x - 7y = -14 \end{array}$$

$$\begin{array}{l} 10) \quad 7x - 8y = -20 \\ \quad \quad -3x + 4y = 8 \end{array}$$

$$\begin{array}{l} 11) \quad y = -5x - 12 \\ \quad \quad y = -8x - 21 \end{array}$$

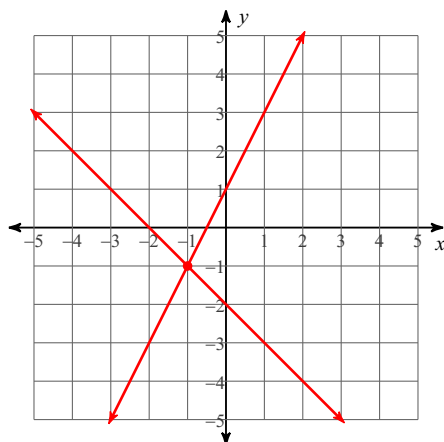
$$\begin{array}{l} 12) \quad -5x - 5y = -5 \\ \quad \quad x + 2y = 1 \end{array}$$

Systems Unit Review 2

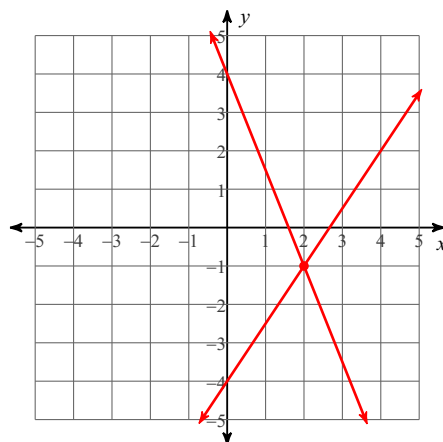
Date _____ Period _____

Solve each system by graphing. Show all work.

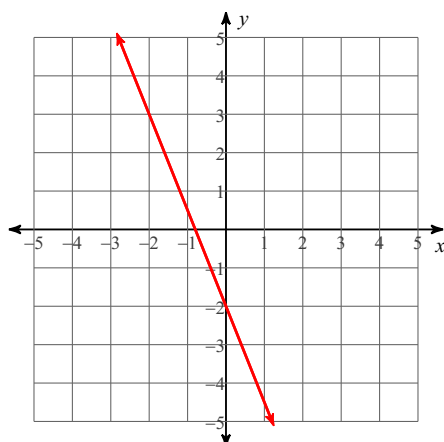
1) $-1 - 2x + y = 0$
 $2 = -x - y$

 $(-1, -1)$

2) $-8 = -5x - 2y$
 $-8 + 3x = 2y$

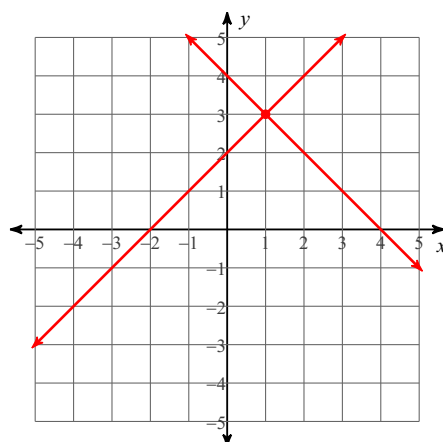
 $(2, -1)$

3) $12 = -6y - 15x$
 $-2y = 5x + 4$



Infinite number of solutions

4) $-4 + x = -y$
 $-x = 2 - y$

 $(1, 3)$

Solve each system. Show all work.

$$\begin{aligned} 5) \quad & -4x - y = -21 \\ & x - 11y = -6 \end{aligned}$$

$$(5, 1)$$

$$\begin{aligned} 6) \quad & 2x - 4y = -20 \\ & -9x + 7y = 2 \end{aligned}$$

$$(6, 8)$$

$$\begin{aligned} 7) \quad & y = 2x + 8 \\ & y = -4x - 10 \end{aligned}$$

$$(-3, 2)$$

$$\begin{aligned} 8) \quad & -7x + 2y = -23 \\ & y = -5x + 14 \end{aligned}$$

$$(3, -1)$$

$$\begin{aligned} 9) \quad & 2x + y = 2 \\ & -3x - 7y = -14 \end{aligned}$$

$$(0, 2)$$

$$\begin{aligned} 10) \quad & 7x - 8y = -20 \\ & -3x + 4y = 8 \end{aligned}$$

$$(-4, -1)$$

$$\begin{aligned} 11) \quad & y = -5x - 12 \\ & y = -8x - 21 \end{aligned}$$

$$(-3, 3)$$

$$\begin{aligned} 12) \quad & -5x - 5y = -5 \\ & x + 2y = 1 \end{aligned}$$

$$(1, 0)$$