Day 2 – Solving Systems Using Substitution **Name:** _____

Practice Assignment **Date:** _____ **Block:** _____

a. **Review:** Solve the equation: $x - 1 = 5x + 3x - 8$

b. **Review:** Put into slope intercept form: $4x - 5y = -20$

Directions: Solve each system using substitution. Write your solution as an ordered pair unless the system has no or infinite solutions.

1. $y = x - 1$
   $x + y = 3$

Solution:

2. $4x + y = 0$
   $x = -2y - 7$

Solution:

3. $x = -5y + 4$
   $3x + 15y = -1$

Solution:

4. $y = -x - 2$
   $y = 4x + 3$

Solution:

5. $x + y = 16$
$y = -x + 1$

Solution:

6. $y = 3x - 7$
$3x - y = 7$

Solution:

7. $y = -2x + 6$
$3x - y = 9$

Solution:

8. $y = -6x - 3$
$y = -x + 2$

Solution:

9. $y = -3x + 25$
$-x + 2y = -20$

Solution:

10. $x = y - 4$
$x + 2y = 2$

Solution: