6.4 Solving Systems of Linear Equations by Substitution **Name: _____**

1. $y = 4x$
$x + y = 5$

2. $y = 2x$
$x + 3y = -14$

3. $y = 3x$
$2x + y = 15$

4. $x = -4y$
$3x + 2y = 20$

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

6. $x = y - 7$
$x + 8y = 2$

7. $y = 4x - 1$
$y = 2x - 5$

8. $y = 3x + 8$
$5x + 2y = 5$

9. $2x - 3y = 21$
$y = 3 - x$

10. $y = 5x - 8$
$4x + 3y = 33$

11. $x = -2y + 13$
$3x - 5y = 6$

12. $y = -2.5x - 2$
$3x + 2y = 0$