

Name: \_\_\_\_\_ Period: \_\_\_\_\_

Algebra I

## Substitution Match Up

Solve each system of equations by substitution. Partner #1 should do the problems on the left and Partner #2 should do the problems on the right. Check your answers with each other so that one problem from the column on the left matches up with a problem from the right.

Partner #1: _____	Partner #2: _____
1. $7x + 4y = 24$ $4x = 16$	Red: $-x - 5y = 21$ $-6x = -24$
2. $y = 5x - 25$ $y = -8x + 27$	Orange $y = 8 - x$ $4x - 3y = -3$
3. $2x + 3y = -11$ $4x + y = -7$	Yellow $y = x - 5$ $y = -2x + 7$
4. $2x + y = 8$ $y = 14x - 40$	Green $-3x + 2y = -3$ $4x = -1 + y$
5. $-6x = -18$ $-8x + 3y = -9$	Blue $y = 4x - 10$ $y = \frac{1}{3}x + 1$