

NAME \_\_\_\_\_

Date \_\_\_\_\_

Period \_\_\_\_\_

# Section 5.3

## ALGEBRA

### Solving Systems via Elimination (Multiplication Method):

Directions: Solve the systems of equations below by using the elimination method

1.  $3x + 5y = 8$

$$4x - 2y = 2$$

2.  $-4x + 6y = 10$

$$2x + 4y = 16$$

3.  $5x + 3y = 28$

$$2x - 2y = 8$$

4.  $7x + 2y = 22$

$$6x - 1y = 27$$

$$5. 3x + 2y = 23$$

$$x - 2y = -3$$

$$6. 6x + 2y = 10$$

$$8x - 3y = 19$$

$$7. 10x - 2y = 14$$

$$5x + y = 6$$

$$8. 4x + y = -10$$

$$2x + 3y = -10$$