

Algebra 1 Worksheet #3 Unit 9 page 1 _____

Solve each of the following systems of equations using the **multiplication-addition method**. Show your work neatly organized.

1. $2x + 3y = 9$ $x =$ _____
 $2x - y = 5$ $y =$ _____

2. $x - 4y = 10$ $x =$ _____
 $3x + 2y = 2$ $y =$ _____

3. $2x - 3y = -13$ $x =$ _____
 $3x - y = -2$ $y =$ _____

4. $3x + 5y = 9$ $x =$ _____
 $x + y = 1$ $y =$ _____

5. $7x + 3y = 27$ $x =$ _____
 $5x - 6y = 3$ $y =$ _____

6. $4x - 5y = 22$ $x =$ _____
 $6x - 3y = 24$ $y =$ _____