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

Algebra I Worksheet #3 Unit 9 page 2

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

7. $3x + 6y = -9$ $x =$ _____
$2x - 3y = 8$ $y =$ _____

8. $5x + 2y = 24$ $x =$ _____
$4x + 3y = 22$ $y =$ _____

9. $2x - 5y = 13$ $x =$ _____
$4x - 3y = 5$ $y =$ _____

10. $3x + 7y = -1$ $x =$ _____
$5x - 3y = 13$ $y =$ _____

11. $2x - 5y = -3$ $x =$ _____
$5x - 4y = 18$ $y =$ _____

12. $x + 4y = 14$ $x =$ _____
$2x + 5y = 16$ $y =$ _____

Algebra I Worksheet #3 Unit 9 page 3

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

13. $3x + 5y = 9$ $x =$ _____
$5x - y = 1$ $y =$ _____

14. $5x + 2y = 5$ $x =$ _____
$2x - y = 3$ $y =$ _____

15. $6x - 5y = 1$ $x =$ _____
$4x + 3y = 1$ $y =$ _____

16. $x + 4y = 10$ $x =$ _____
$3x + 2y = 8$ $y =$ _____

17. $2x - 3y = 4$ $x =$ _____
$x + 2y = 14$ $y =$ _____

18. $5x - y = 1$ $x =$ _____
$3x - 3y = -1$ $y =$ _____