

**Lesson #14-Understanding and Solving Systems of Equations-Elimination Method
(Reference: Lesson #63 in book)****Problem**

1. For each of the following systems of equations, please solve the system by Elimination Method and express the solution as a coordinate point.(SHOW ALL OF YOUR WORK.)

1. $3x + 7y = 16$

$6x - 7y = 11$

2. $-2x + 2y = 18$

$-2x - 7y = 9$

3. $3x - 6y = 18$

$5x = -2y + 6$

4. $2x + 2y = -8$

$-5x - 3y = 14$

5. $11x + 6y = 21$

$4y = 25 - 11x$

6. $-2x = 6 - 5y$

$6x - 2y = 34$

7. $-3y = 26 + 8x$

$-5x = 16 + 2y$

8. $2x + 4y = 5$

$4x + 8y = -9$

9. $3x - y = 4$

$-9x + 3y = -12$

10. $4x - 3y = 15$

$6x + 5y = -25$