

**Lesson #14-2-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. $3x - y = 7$

$2x + y = 3$

2. $-x + 2y = 2$

$x + 4y = 10$

3. $-2x + 8y = 8$

$5x - 4y = 12$

4. $4x - 6y = 10$

$-10x + 15y = -25$

5. $-2x + y = -11$

$10x - 2y = 52$

6. $2x + 3y = -15$

$5x + 2y = 1$

7. $6x + 7y = 4$

$5x + 8y = -1$

8. $4x + 3y = 10$

$-8x - 6y = -48$

9. $2x - y = 12$

$3x + 2y = -3$

10. $x + 3y = 19$

$2x - y = 10$

11. $x + 4y = 16$

$3x + 5y = 20$

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12. $5x - 3y = -20$

$-3x + 6y = 12$

13. $4x - 3y = -19$

$3x + 2y = 24$

14. $-8x + 4y = -24$

$6x - 3y = 6$