Solving Systems of Equations by Elimination – Day 2

Unit 4: Systems

Solve each of the following systems by using ELIMINATION:

1. $-4x - 5y = -15$ $4x + 4y = 16$	2. $4x + 5y = 27$ $-4x - 6y = -30$
3. $-2x + 2y = -14$ $2x - 6y = 10$	4. $8x - 6y = 14$ $-10x + 6y = -28$
5. $5x - 6y = 10$ $-5x + 10y = -10$	6. $-8x + 4y = -12$ $-8x + 5y = -5$
7. $-3x + 8y = 14$ $-3x + 3y = -6$	8. $5x + 2y = -29$ $5x + 6y = 3$
9. $8x + 8y = 8$ $8x + 10y = 24$	10. $-4x - 4y = -12$ $-x - 4y = -6$

11. $-4x + 2y = 2$ $x + 10y = -11$	12. $8x - 5y = 7$ $10x - 10y = -10$
13. $16x - 10y = -12$ $-8x - 6y = 28$	14. $x + 2y = 5$ $2x - 6y = 10$
15. $-9x - y = -8$ $18x - 2y = 20$	16. $-7x + 9y = 12$ $-8x + 10y = 12$
17. $-3x + 7y = -12$ $-10x + 4y = 18$	18. $-5x + 10y = 15$ $-8x + 16y = 24$
19. $-5x - 10y = 25$ $-3x + 4y = -25$	20. $-5x + 5y = -30$ $-8x - 7y = -18$