

## Solving Systems of Equations by Elimination – Day 4

### Unit 4: Systems

Solve each of the following systems by using ELIMINATION:

1. $3x - 5y = 14$ $-9x + 5y = -2$	2. $-8x - 9y = -9$ $8x + 8y = 16$
3. $x - 7y = 12$ $-4x + 7y = 15$	4. $-7x - 6y = 15$ $8x + 6y = -24$
5. $7x + y = -19$ $x - y = -5$	6. $x - 3y = 15$ $x - y = 5$
7. $10x + 7y = -10$ $8x + 7y = -22$	8. $7x + 8y = 28$ $7x - 4y = 28$
9. $6x + 7y = -14$ $8x + 7y = -14$	10. $-9x + 5y = 11$ $-18x + 10y = 22$

11. $-6x + 12y = 24$ $x - 6y = -24$	12. $6x + 2y = 4$ $-2x + 5y = -24$
13. $-x - 20y = 25$ $8x - 10y = -30$	14. $3x + 7y = 25$ $-6x + 10y = -26$
15. $14x + 6y = -16$ $7x - 4y = -22$	16. $-7x - 3y = 18$ $-3x + 8y = 17$
17. $3x + 5y = 14$ $-2x - 7y = -2$	18. $-9x + 8y = 27$ $8x + 9y = -24$
19. $-80x + 90y = 30$ $24x - 27y = -9$	20. $4x + 3y = -21$ $-3x - 2y = 15$