Solving Systems of Equations by Substitution – Day 3
Unit 4: Systems

Solve each of the following systems by using SUBSTITUTION:

1. $y = -4x + 3$ $\quad y = -2x + 3$	2. $y = -3x + 29$ $\quad y = -2x + 22$
3. $y = 8x + 30$ $\quad y = 3x + 5$	4. $y = 3x + 4$ $\quad y = -7x - 16$
5. $y = 6x + 13$ $\quad y = 4x + 9$	6. $10x - 4y = 28$ $\quad y = 6x - 21$
7. $4x - y = 4$ $\quad y = 4x - 4$	8. $y = 7x + 29$ $\quad -4x - 2y = -4$
9. $-5x - 7y = -6$ $\quad y = 5x - 22$	10. $7x + 6y = 3$ $\quad y = -9x - 23$

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