

**Solving Linear Systems**  
**By**  
**The Substitution Method**

Solve the system

$$\begin{array}{l} 2x + y = 3 \\ 1. \quad x - y = 3 \end{array} \qquad \begin{array}{l} 3x - y = 6 \\ 2. \quad x + y = -2 \end{array}$$

$$\begin{array}{l} x + y = -4 \\ 3. \quad x - y = 4 \end{array} \qquad \begin{array}{l} x + 2y = 7 \\ 4. \quad -x + 3y = 13 \end{array}$$

$$\begin{array}{l} x + 4y = -3 \\ 5. \quad -x - y = 3 \end{array} \qquad \begin{array}{l} x + 2y = 3 \\ 6. \quad -x + y = 0 \end{array}$$

$$\begin{array}{l} 3x - y = -2 \\ 7. \quad x + 2y = -3 \end{array} \qquad \begin{array}{l} x + 3y = 15 \\ 8. \quad 4x - y = 8 \end{array}$$

$$\begin{array}{l} x + 4y = 5 \\ 9. \quad 3x + y = -7 \end{array} \qquad \begin{array}{l} x - 2y = 6 \\ 10. \quad x + 5y = -1 \end{array}$$

$$\begin{array}{l} 3x + y = -11 \\ 11. \quad x - 2y = 8 \end{array} \qquad \begin{array}{l} x - 4y = 10 \\ 12. \quad 6x + y = -15 \end{array}$$

$$\begin{array}{l} 2x + y = 9 \\ 13. \quad 3x - 5y = 7 \end{array} \qquad \begin{array}{l} 5x - y = -11 \\ 14. \quad 2x + 5y = 1 \end{array}$$

$$\begin{array}{l} x + 3y = 4 \\ 15. \quad 2x - 5y = 8 \end{array} \qquad \begin{array}{l} x - 2y = -2 \\ 16. \quad 5x + 3y = -10 \end{array}$$

$$17. \begin{array}{l} 2x + y = -5 \\ 4x + 2y = -6 \end{array}$$

$$18. \begin{array}{l} 2x + y = -2 \\ 4x + 2y = -4 \end{array}$$

$$19. \begin{array}{l} x + 3y = -9 \\ 2x + 6y = -18 \end{array}$$

$$20. \begin{array}{l} x - y = 4 \\ -3x + 3y = -12 \end{array}$$

$$21. \begin{array}{l} 3x - 2y = -4 \\ 3x - 2y = 6 \end{array}$$

$$22. \begin{array}{l} x - 2y = -2 \\ x - 2y = 4 \end{array}$$

$$23. \begin{array}{l} x - 2y = -2 \\ 3x - 6y = -6 \end{array}$$

$$24. \begin{array}{l} 4x - y = -2 \\ 8x - 2y = -4 \end{array}$$