

## Solve the Systems of Equations using Substitution

1. 
$$\begin{cases} 2x + y = 6 \\ -x + y = 0 \end{cases}$$

2. 
$$\begin{cases} x - y = -4 \\ x + 2y = 5 \end{cases}$$

3. 
$$\begin{cases} x - y = -4 \\ x^2 - y = -2 \end{cases}$$

4. 
$$\begin{cases} -2x + y = -4 \\ x^2 + y^2 = 25 \end{cases}$$

5. 
$$\begin{cases} 3x + y = 2 \\ x^2 - 2 + y = 0 \end{cases}$$

6. 
$$\begin{cases} x + y = 0 \\ x^3 - 5x - y = 0 \end{cases}$$

7. 
$$\begin{cases} -\frac{7}{2}x - y = -18 \\ 8x^2 - 2y^3 = 0 \end{cases}$$

8. 
$$\begin{cases} y = x^3 - 3x^2 + 4 \\ y = -2x + 4 \end{cases}$$