

Systems of Equations Two Variables

Solving Systems of Equation by Substitution and Elimination

Substitution

$$x - y = 6$$

$$2x + 3y = 7$$

Elimination

$$x - y = 6$$

$$2x + 3y = 7$$

$$y = -2x + 4$$

$$-4x - 2y = -8$$

$$y = -2x + 4$$

$$-4x - 2y = -8$$

Substitution

$$\begin{aligned}3x - y &= 4 \\ -6x + 2y &= 5\end{aligned}$$

Elimination

$$\begin{aligned}3x - y &= 4 \\ -6x + 2y &= 5\end{aligned}$$