

Name: _____

Date: _____

Solving Systems of Equations by Substitution

$$\begin{aligned} 1) \quad -2x + 2y &= 4 \\ -2x + y &= 3 \end{aligned}$$

$$\begin{aligned} 2) \quad 2y &= -6x + 10 \\ 10x - 8y &= -6 \end{aligned}$$

$$\begin{aligned} 3) \quad y &= -8 \\ 16x - 12y &= 72 \end{aligned}$$

$$\begin{aligned} 4) \quad -10x + 2y &= 6 \\ 6x - 16y &= 48 \end{aligned}$$

$$\begin{aligned} 5) \quad -4x + 12y &= 12 \\ -14x + 16y &= -10 \end{aligned}$$

$$\begin{aligned} 6) \quad 3x - 9y &= -3 \\ 3y &= 3x - 3 \end{aligned}$$



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$$\begin{aligned}1) \quad -2x + 2y &= 4 \\ -2x + y &= 3\end{aligned}$$

(4, 9)

$$\begin{aligned}2) \quad 2y &= -6x + 10 \\ 10x - 8y &= -6\end{aligned}$$

(-24, -8)

$$\begin{aligned}3) \quad y &= -8 \\ 16x - 12y &= 72\end{aligned}$$

(0, -3)

$$\begin{aligned}4) \quad -10x + 2y &= -6 \\ 6x - 16y &= 48\end{aligned}$$

(-1, 1)

$$\begin{aligned}5) \quad -4x + 12y &= 12 \\ -14x + 16y &= -10\end{aligned}$$

(4, 3)

$$\begin{aligned}6) \quad 3x - 9y &= -3 \\ 3y &= 3x - 3\end{aligned}$$

(1, 2)