

6.2 : SUBSTITUTION - Part 1 Name: \_\_\_\_\_

Solve Using Substitution

$$\begin{aligned} 1) \quad & -7x + y = -18 \\ & -5x - y = -18 \end{aligned}$$

(3, 3)

$$\begin{aligned} 2) \quad & x + 4y = 3 \\ & -4x + 6y = 10 \end{aligned}$$

(-1, 1)

$$\begin{aligned} 3) \quad & -8x + y = 4 \\ & -5x + 6y = -19 \end{aligned}$$

(-1, -4)

$$\begin{aligned} 4) \quad & x + 2y = 16 \\ & 3x - 8y = -22 \end{aligned}$$

(6, 5)

$$\begin{aligned} 5) \quad & -3x - y = 8 \\ & x - 8y = -11 \end{aligned}$$

(-3, 1)

$$\begin{aligned} 6) \quad & -4x + y = -18 \\ & 8x + 8y = -24 \end{aligned}$$

(3, -6)

$$\begin{aligned} 7) \quad & -7x + 6y = 1 \\ & x + 3y = 23 \end{aligned}$$

(5, 6)

$$\begin{aligned} 8) \quad & -8x - 7y = 10 \\ & x - 2y = -7 \end{aligned}$$

(-3, 2)

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

$(0, 3)$

$$\begin{aligned} 10) \quad 5x - y &= 10 \\ x - 3y &= 2 \end{aligned}$$

$(2, 0)$

$$\begin{aligned} 11) \quad x + 2y &= -18 \\ -7x + 2y &= 14 \end{aligned}$$

$(-4, -7)$

$$\begin{aligned} 12) \quad 8x + 4y &= 16 \\ x - y &= -10 \end{aligned}$$

$(-2, 8)$

$$\begin{aligned} 13) \quad -2x + y &= -10 \\ 4x + 2y &= 4 \end{aligned}$$

$(3, -4)$

$$\begin{aligned} 14) \quad 4x - 2y &= -12 \\ x - 4y &= 11 \end{aligned}$$

$(-5, -4)$

$$\begin{aligned} 15) \quad 7x - 8y &= -2 \\ x + 3y &= -21 \end{aligned}$$

$(-6, -5)$

$$\begin{aligned} 16) \quad 5x + y &= -1 \\ -x + 3y &= -19 \end{aligned}$$

$(1, -6)$

$$\begin{aligned} 17) \quad -x - y &= 9 \\ 3x + y &= -21 \end{aligned}$$

$(-6, -3)$

$$\begin{aligned} 18) \quad -7x + y &= 23 \\ 2x + 3y &= 0 \end{aligned}$$

$(-3, 2)$