

Extra Credit: Solving by Elimination

Date _____ Period _____

Solve each system by elimination.

$$\begin{aligned} 1) \quad & -3x + 2y = 6 \\ & 3x - 6y = 6 \end{aligned}$$

$$\begin{aligned} 3) \quad & x - 3y = 15 \\ & 5x + 3y = -33 \end{aligned}$$

$$\begin{aligned} 5) \quad & -4x - 4y = -8 \\ & 7x + 4y = 14 \end{aligned}$$

$$\begin{aligned} 7) \quad & 9x - 7y = 16 \\ & -9x - 10y = 1 \end{aligned}$$

$$\begin{aligned} 9) \quad & 9x - 14y = 25 \\ & -9x + 14y = -20 \end{aligned}$$

$$\begin{aligned} 11) \quad & 9x + 13y = 30 \\ & -9x - 13y = -16 \end{aligned}$$

$$\begin{aligned} 13) \quad & -2x + 8y = 42 \\ & -2x - 8y = 10 \end{aligned}$$

$$\begin{aligned} 15) \quad & -13x - y = -17 \\ & -7x + y = -23 \end{aligned}$$

$$\begin{aligned} 17) \quad & 5x - 2y = 26 \\ & 5x + 12y = -16 \end{aligned}$$

$$\begin{aligned} 19) \quad & -4x - 11y = -24 \\ & -4x + 2y = 28 \end{aligned}$$

$$\begin{aligned} 21) \quad & 2x + 8y = 42 \\ & 2x - 12y = -18 \end{aligned}$$

$$\begin{aligned} 23) \quad & 11x + 3y = 2 \\ & 11x + 6y = -7 \end{aligned}$$

$$\begin{aligned} 25) \quad & -5x + 3y = -5 \\ & -7x + 3y = -1 \end{aligned}$$

$$\begin{aligned} 27) \quad & -11x - 4y = 37 \\ & 5x - y = 17 \end{aligned}$$

$$\begin{aligned} 29) \quad & -x + 2y = 16 \\ & 12x - 9y = 3 \end{aligned}$$

$$\begin{aligned} 31) \quad & 2x - 3y = -1 \\ & -16x - 9y = 41 \end{aligned}$$

$$\begin{aligned} 33) \quad & -16x + 6y = 6 \\ & -8x + 3y = 3 \end{aligned}$$

$$\begin{aligned} 35) \quad & 22x - 10y = -14 \\ & 11x - y = 25 \end{aligned}$$

$$\begin{aligned} 37) \quad & -x + 24y = 35 \\ & 4x + 12y = -32 \end{aligned}$$

$$\begin{aligned} 39) \quad & 11x + y = 9 \\ & 22x + 2y = 18 \end{aligned}$$

$$\begin{aligned} 2) \quad & -5x + 6y = 23 \\ & 5x - 2y = -11 \end{aligned}$$

$$\begin{aligned} 4) \quad & -10x + 14y = 26 \\ & 10x - 7y = 37 \end{aligned}$$

$$\begin{aligned} 6) \quad & 12x - 5y = 14 \\ & 7x + 5y = 24 \end{aligned}$$

$$\begin{aligned} 8) \quad & -5x + 7y = 38 \\ & 5x - 3y = -22 \end{aligned}$$

$$\begin{aligned} 10) \quad & 2x - 8y = 26 \\ & -2x + 11y = -35 \end{aligned}$$

$$\begin{aligned} 12) \quad & 13x - 7y = -17 \\ & -11x + 7y = 9 \end{aligned}$$

$$\begin{aligned} 14) \quad & -x + 7y = 32 \\ & x - y = -8 \end{aligned}$$

$$\begin{aligned} 16) \quad & 7x + 6y = -42 \\ & -7x - 10y = 42 \end{aligned}$$

$$\begin{aligned} 18) \quad & -x - 2y = 16 \\ & -x - 2y = 9 \end{aligned}$$

$$\begin{aligned} 20) \quad & x + 6y = -6 \\ & x + 3y = -3 \end{aligned}$$

$$\begin{aligned} 22) \quad & -13x + 7y = 13 \\ & x + 7y = -1 \end{aligned}$$

$$\begin{aligned} 24) \quad & 12x + 6y = -30 \\ & 12x + 5y = -27 \end{aligned}$$

$$\begin{aligned} 26) \quad & 3x - 12y = -42 \\ & 3x - 5y = -35 \end{aligned}$$

$$\begin{aligned} 28) \quad & -9x - 10y = -13 \\ & 3x + 5y = 26 \end{aligned}$$

$$\begin{aligned} 30) \quad & 4x - y = -12 \\ & -8x - 2y = -8 \end{aligned}$$

$$\begin{aligned} 32) \quad & 20x + 4y = 32 \\ & 10x - y = 7 \end{aligned}$$

$$\begin{aligned} 34) \quad & -26x + 6y = -2 \\ & -13x + 8y = 19 \end{aligned}$$

$$\begin{aligned} 36) \quad & 13x + 14y = -26 \\ & -26x - 28y = 38 \end{aligned}$$

$$\begin{aligned} 38) \quad & -2x - 11y = 2 \\ & 3x + 22y = -3 \end{aligned}$$

$$\begin{aligned} 40) \quad & -13x - 2y = -21 \\ & -x + 4y = 15 \end{aligned}$$