

## HW 4.1c #1 - Solving by Elimination

Period \_\_\_\_\_ Number \_\_\_\_\_

**Solve each system by elimination. Choose the odds or the evens. No extra credit will be given if you choose to do both.**

$$\begin{aligned} 1) \quad & 6x - y = 26 \\ & 4x + y = 4 \end{aligned}$$

$$\begin{aligned} 2) \quad & -x + 7y = -28 \\ & x + 6y = -24 \end{aligned}$$

$$\begin{aligned} 3) \quad & -6x - 5y = 15 \\ & 12x + 10y = -30 \end{aligned}$$

$$\begin{aligned} 4) \quad & -2x + 2y = 18 \\ & 4x + 2y = 24 \end{aligned}$$

$$\begin{aligned} 5) \quad & 5x - 2y = 9 \\ & 10x - 10y = 30 \end{aligned}$$

$$\begin{aligned} 6) \quad & 12x + 9y = -9 \\ & -6x + y = 21 \end{aligned}$$

$$\begin{aligned} 7) \quad & -5x + 10y = -25 \\ & -10x + y = 26 \end{aligned}$$

$$\begin{aligned} 8) \quad & 5x - 8y = 21 \\ & -10x + 16y = -28 \end{aligned}$$

$$\begin{aligned} 9) \quad & 3x - 9y = 0 \\ & -4x - 5y = -17 \end{aligned}$$

$$\begin{aligned} 10) \quad & -8x + 10y = -24 \\ & 7x - 7y = 21 \end{aligned}$$