

Extra Practice: Solving systems of equations

Name: _____

Per ____

Solve each system by **elimination**.

$$\begin{array}{l} 1. \quad -6x - 6y = -12 \\ \quad 7x - 8y = -16 \end{array}$$

$$\begin{array}{l} 2. \quad 5x - 6y = -19 \\ \quad -3x - 8y = 23 \end{array}$$

$$\begin{array}{l} 3. \quad 12x + 9y = -12 \\ \quad -8x - 6y = 8 \end{array}$$

$$\begin{array}{l} 4. \quad 4x - 10y = 28 \\ \quad 10x + 7y = 6 \end{array}$$

Solve each system by **substitution**.

$$\begin{array}{l} 5. \quad -3x - 7y = 16 \\ \quad y = -5x - 16 \end{array}$$

$$\begin{array}{l} 6. \quad x = 7y - 23 \\ \quad -2x + 2y = -2 \end{array}$$

Solve each system using **Equal Values Method**.

$$\begin{array}{l} 7. \quad y = \frac{1}{2}x - 1 \\ \quad y = \frac{7}{4}x + 4 \end{array}$$

$$\begin{array}{l} 8. \quad y = 2x - 9 \\ \quad y = \frac{1}{4}x + 5 \end{array}$$

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