

# Systems of Equations: Lesson 3

## Introduction to Elimination: Worksheet 1

Name: \_\_\_\_\_



Circle the variables that can be eliminated:

$$\begin{cases} 9x - y = 7 \\ -2x + y = -3 \end{cases}$$

$$\begin{cases} 4x + 6y = -2 \\ -4x - 5y = 0 \end{cases}$$

$$\begin{cases} x - 3y = 1 \\ 7x + 3y = 11 \end{cases}$$

Solve the systems of equations using elimination:

$$\begin{cases} 2x + 4y = 10 \\ -2x + y = 5 \end{cases}$$

$$\begin{cases} -x + 7y = -4 \\ 5x - 7y = 20 \end{cases}$$

$$\begin{cases} 6x - y = -7 \\ -4x + y = 3 \end{cases}$$

$$\begin{cases} 3x + 4y = 10 \\ 5x + 4y = 22 \end{cases}$$

$$\begin{cases} x - 6y = 17 \\ x + y = -11 \end{cases}$$

$$\begin{cases} 7x - 3y = 27 \\ 6x - 3y = 27 \end{cases}$$