

## Lesson 26 ~ Solving Systems Using Elimination

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

Solve each system of equations using the elimination method. Check the solution.

1. 
$$\begin{aligned} 3x - 2y &= 10 \\ 7x + 2y &= 30 \end{aligned}$$

2. 
$$\begin{aligned} -x + 5y &= 19 \\ x + 2y &= 16 \end{aligned}$$

3. 
$$\begin{aligned} 3x + 4y &= 23 \\ 3x - 2y &= 11 \end{aligned}$$

4. 
$$\begin{aligned} 10x - 6y &= 54 \\ -4x + 3y &= -24 \end{aligned}$$

5. 
$$\begin{aligned} 6 &= 4x + 2y \\ -19 &= 4x - 3y \end{aligned}$$

6. 
$$\begin{aligned} 4x - y &= -2 \\ 2x + y &= 2 \end{aligned}$$

7. 
$$\begin{aligned} 3x + 8y &= 2 \\ 4x - 2y &= -10 \end{aligned}$$

8. 
$$\begin{aligned} 2x - 4y &= 10 \\ -4x + 3y &= -20 \end{aligned}$$