

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

WS 9C.1 - Solving Systems of Equations by Elimination

#1-8, Solve each system of equations by the elimination method.

1.
$$\begin{cases} 2x - 3y = 6 \\ x + 3y = 12 \end{cases}$$

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

3.
$$\begin{cases} 3x + 2y = 8 \\ 2x - 6y = 42 \end{cases}$$

4.
$$\begin{cases} 3x + 4y = 22 \\ x - 5y = -37 \end{cases}$$

5.
$$\begin{cases} 2x - 5y = -19 \\ 3x + 2y = 0 \end{cases}$$

6.
$$\begin{cases} x - 2y = 11 \\ 2y + 8 = -2x \end{cases}$$

7.
$$\begin{cases} 2x - 3y = 6 \\ 6x - 9y = 9 \end{cases}$$

8.
$$\begin{cases} 7x + 5y = -2 \\ -21x - 15y = 6 \end{cases}$$