

Solving Systems of Equations Using Elimination

Complete the graphic organizer in order to solve the following system of equations:

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

1. Which variable will you eliminate? Why did you choose that variable?

2. Multiply in order to make elimination possible.

3. Combine the new equations and solve for the non-eliminated variable.

4. Substitute and solve for the eliminated variable.

5. Write your solution.