

# Systems of Equations: Lesson 4

## Linear Elimination: Notes

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



### Advanced Elimination Technique:

1. Decide which \_\_\_\_\_ to eliminate.  
Look for \_\_\_\_\_ .
2. \_\_\_\_\_ one or both equations to achieve same number (positive and negative).
3. \_\_\_\_\_ the new equations together.
4. \_\_\_\_\_ for the other variable.
5. \_\_\_\_\_ that in to one of the other equations to find the other \_\_\_\_\_ .

### Solve:

$$\begin{cases} 8x - 5y = -17 \\ 4x + 3y = -25 \end{cases}$$

### Solve:

$$\begin{cases} 6x + 5y = 19 \\ -7x + 3y = 22 \end{cases}$$