Simultaneous Equations
Elimination Method
Grade 11

i. Number the equations

ii. **Eliminate!** Remember:

   a. If the **signs** are the **same**, **SUBTRACT** to eliminate

   b. If the **signs** are **different**, **ADD** to eliminate

iii. Solve.

iv. Substitute your answer into equation 1 or 2 to solve for the next variable.

Solve the following pairs of simultaneous equations using the steps above.

$$12x + 5y = 65$$
$$9x + 5y = 50$$

$x =$ _____ $y =$ _____

$$9x + 2y = 48$$
$$x - 2y = 2$$

$x =$ _____ $y =$ _____

LIVEWORKSHEETS