**Solving Simultaneous Equations**

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## Why learn?

* As the title implies, learning to solve Simultaneous Equations of multiple unknowns

## Objective

## Method 1 – Elimination

|  |  |
| --- | --- |
| 1 | 1 x 3:  2 x 2:  3 – 4:  From 1, find x: |

## Method 2 – Substitution (Linear Equation)

|  |  |
| --- | --- |
| 1 | From 1:  Sub 3 into 2:  From 1, find x: |

## Method 2 – Substitution (Linear + Non-Linear Equation)

|  |  |
| --- | --- |
| 1 | From 2:  Sub 3 into 1:  From 2, find y: |
| 2 | From 1:  Sub 3 into 2:  From3, find y: |