

MATHEMATICS Y7 - TERM 2.1

I DEVELOP FLUENCY

- I can write algebraic expressions using correct notation.
- I can simplify expressions by collecting like terms.
- I can substitute numbers into expressions and evaluate them correctly.
- I can apply integer rules confidently when working with negative values.
- I can plot co-ordinates accurately in all four quadrants.

I REASON MATHEMATICALLY

- I can explain how expressions represent different mathematical situations.
- I can describe how the value of an expression changes when numbers change.
- I can compare different substitution results and comment on patterns.
- I can explain why a point belongs to a specific quadrant.
- I can recognise simple linear patterns on grids or tables.



I SOLVE PROBLEMS

- I can form expressions from worded or visual situations.
- I can solve one-step and two-step equations using efficient methods.
- I can use bar models, function machines, or balancing to represent equations.
- I can choose correct steps when solving equations involving negatives.
- I can check solutions and correct errors.

I INTERPRET MATHEMATICALLY

- I can use tables of values created through substitution.
- I can plot points from a table to form simple linear relationships.
- I can read co-ordinates and identify their position on a grid.
- I can interpret simple diagrams that show how a rule or equation works.
- I can comment on changes shown through plotted points.

I READ [Solving equations - Solving linear equations - Edexcel - GCSE Maths Revision - Edexcel - BBC Bitesize](#)

[Substitution - Algebraic formulae - Edexcel - GCSE Maths Revision - Edexcel - BBC Bitesize](#)

[Algebra - GCSE Maths - BBC Bitesize](#)

I LEARN

- Simplifying Expressions
- Forming Expressions

- Substitution
- Solving Linear Equations (1- and 2-step)
- Plotting Co-ordinates (All 4 Quadrants)