YEAR 9 — REASONING WITH ALGEBRA... Whisto_maths Testing conjectures



YEAR 9 — REASONING WITH ALGEBRA... Evenisto_maths Forming and Solving Equations

What do I need to be able to do?

By the end of this unit you should be able to:

Solve inequalities with negative numbers

Solve inequalities with unknowns on both

Substitute into formulae and equations

sides

Rearrange formulae

Solve equations with unknowns on both sides |

||<u>Keywords</u>

- **Inequality**: an inequality compares who values showing if one is greater than, less than or equal to another
- Variable: a quantity that may change within the context of the problem
- Rearrange: Change the order
- Inverse operation: the operation that reverses the action
- Substitute: replace a variable with a numerical value
- Solve: find a numerical value that satisfies an equation



YEAR 9 — REASONING WITH ALGEBRA

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WITH ALGEBRA... Straight Line Graphs

