Stage 8 Solving Equations

- Choose the required inverse operation when solving an equation
- Solve linear equations by balancing when the solution is a whole number or a fraction

THE BIG PICTURE!

- Solve equations with the unknown on one side
- Solve equations with the unknown on both sides
- Explore connections between graphs and equations

KEYWORDS

- Algebraically
- Unknown
- Equation
- Operation
- Solution
- Brackets
- Symbol
- Substitute
- Graph
- Intersection

Solving Equations - Targets	Before Topic	After Topic	Teacher Mark
Solve linear equations with the unknown on one side with negative numbers			
Solve linear equations with the unknown on both sides when the solution is a whole number			
Solve linear equations with the unknown on both sides when the solution is a fraction			
Solve linear equations with the unknown on both sides when the solution is a negative number			
Solve linear equations with the unknown on both sides when the equation involves brackets			
Recognise that the point of intersection of two graphs corresponds to the solution of a connected equation			

Stage 8 Solving Equations

WHAT DO WE ALREADY *know?*

- Choose the required inverse operation when solving an equation
- Solve linear equations by balancing when the solution is a whole number or a fraction

THE BIG PICTURE!

- Solve equations with the unknown on one side
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Solve linear equations with the unknown on both sides when the solution is a whole number			
Solve linear equations with the unknown on both sides when the solution is a fraction			
Solve linear equations with the unknown on both sides when the solution is a negative number			
Solve linear equations with the unknown on both sides when the equation involves brackets			
Recognise that the point of intersection of two graphs corresponds to the solution of a connected equation			