

## Factorising quadratics, sketching and inequalities

### Title: The Puzzle Solver's Toolkit - Mastering Quadratics

#### Concept: Factorizing Quadratics, Sketching Graphs, and Solving Inequalities



Intuition Pump: Think of solving quadratic equations as assembling a complex jigsaw puzzle. Each piece of the puzzle represents a different component of the quadratic equation, and the way these pieces fit together determines the overall image or solution.