Quadratic Functions As Mei

Graphing Quadratic Functions - Example 1

How to Graph Quadratic Functions (Standard Form, Vertex Form \u0026 Intercept Form)

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solving a quadratic equation. Change one coefficient in y x x 1 6 82 so that the x-axis is a tangent to the graph. Opportunities for proof Prove the quadratic formula - Substitute b 0 in ax bx c2 0 and make x the subject. Prove that this gives the same roots as the quadratic formula. - Substitute c 0 in and factorise.

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Quadratic functions (AS) Plot y=ax 2 +bx+c in and vary a, b and c. Graphs of

quadratic functions: Equations and inequalities (AS) Intersection of a line and a curve: Coordinate geometry (AS) Perpendicular lines : Trigonometry (AS) Trigonometric equations: Polynomials (AS) The Factor Theorem: Graphs and transformations (AS) Functions - Transformations

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