

Key Features of a Quadratic

Quadratic – Polynomial with a degree of two (biggest exponent is two)

Parabola – the graph of a quadratic function

Roots/Zeros/Solutions/x-intercepts – Where the parabola crosses the x-axis

Y-intercept – Where the parabola crosses the y-axis

Vertex – the turning point of the parabola

Maximum – when the vertex is the highest points

Minimum – when the vertex is the lowest point

Axis of Symmetry – the vertical line (up and down) that divides the parabola in half

