Quadratics

1. Vertex

Max/Min

Partial factoring

Axis of symmetry

Calculator

1. Roots/zeros/x-intercepts

Factoring

Quadratic Formula

Calculator

1. Sketch
2. Y-intercept
3. Equations

Standard- y = ax2+bx+c

Factored- cannot occur for 0 roots

* y = a(x-r)(x-s)
* (r+s)/2 is the axis of symmetry
* Y intercept is a\*r\*s

Vertex - y = a(x-h)2+k

* Vertex is (h,k)

1. Domain
2. Range