

## Quadratics

Quadratics are polynomials of degree 2. They are also known as parabolas.

### Roots

To find the roots of quadratic, the quadratic equation can be used:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

where,  $a$ ,  $b$ , and  $c$  are the constants of the function,  $f(x) = ax^2 + bx + c$ .