

Quadratic Function

a polynomial function of degree 2, and in the form $f(x) = ax^2 + bx + c$.

Quadratic Function a function or equation involving x^2 that makes a parabola

(a “U” shape), which does not have a constant rate of change (slope), examples:

$$f(x) = 2x^2 + 4x - 5 \text{ or}$$

$$y = ax^2 + c;$$

Parent Function: $y = x^2$