

## Exercise 4

What is another name for the standard form of a quadratic function?

---

### Solution

The general formula of a quadratic function,

$$y = ax^2 + bx + c,$$

can alternatively be written in standard form,

$$y = a(x - h)^2 + k,$$

which is also known as the vertex form because the vertex of the parabola  $(h, k)$  is apparent.