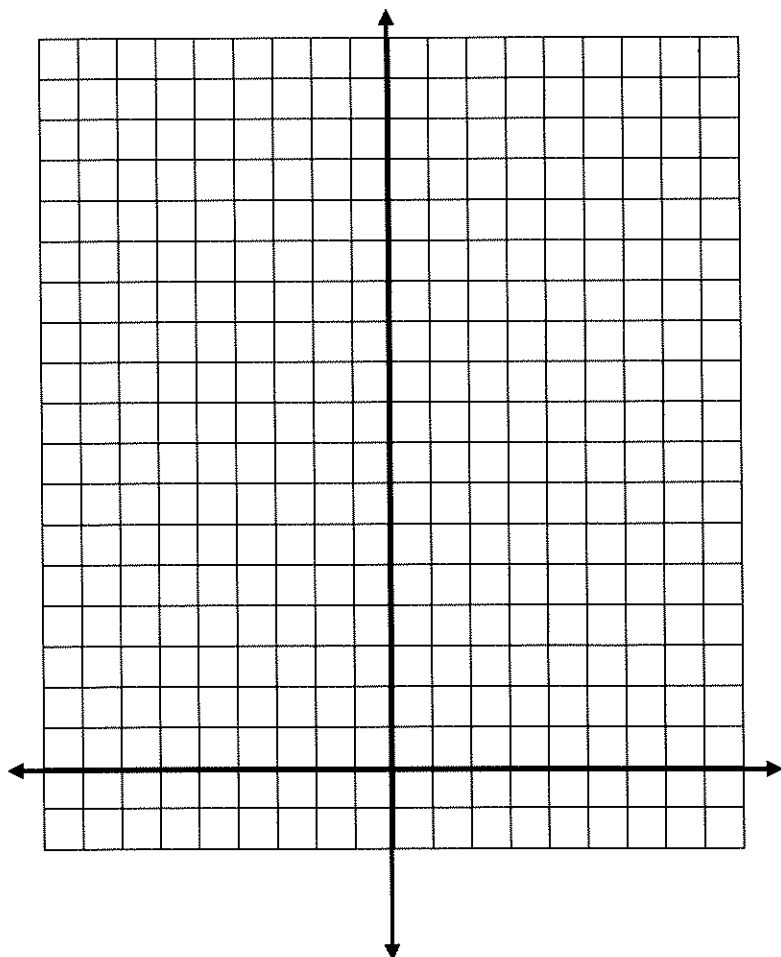


## Quadratic Function

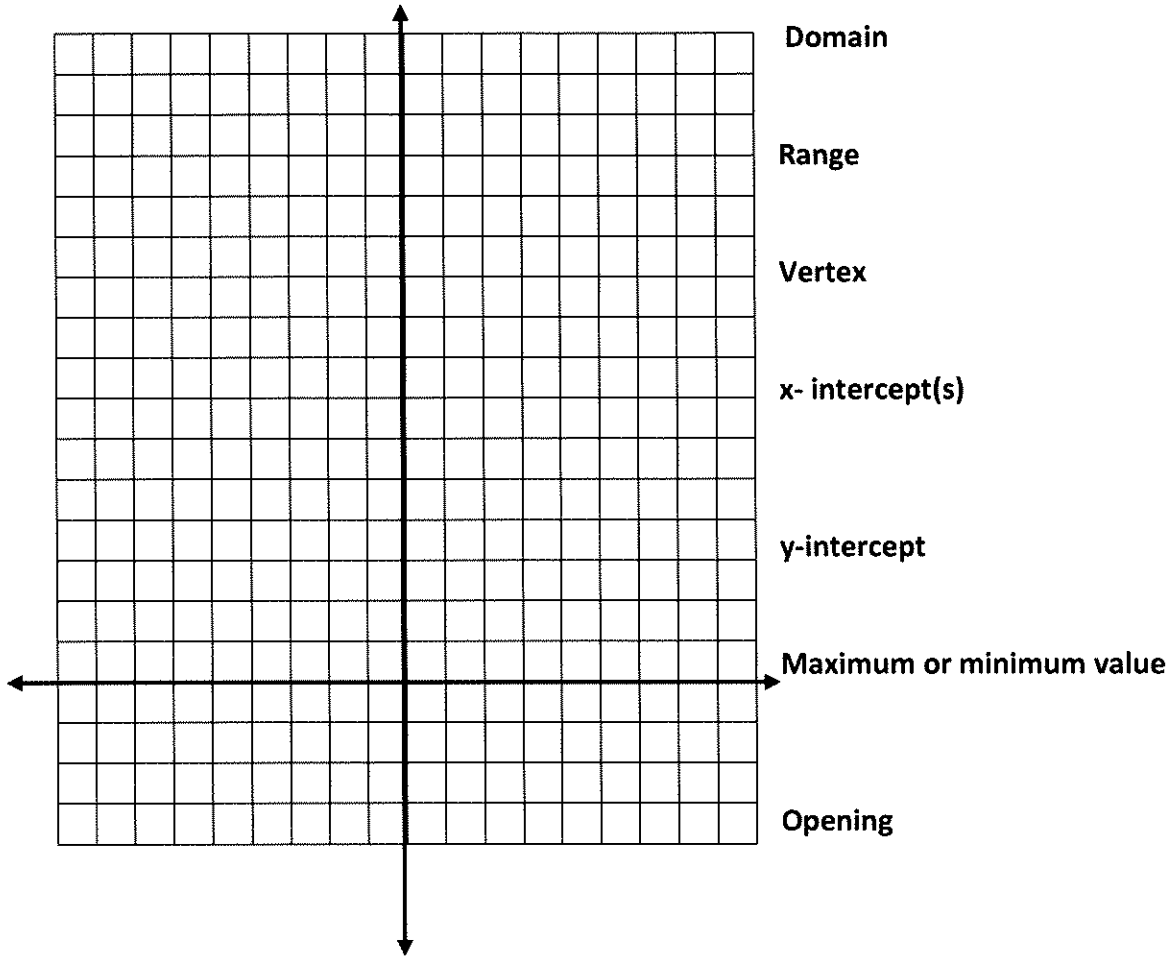
- A **quadratic function** is a polynomial function of degree two.
- **Examples of a quadratic function:**

- Every graph of a quadratic function has a typical shape.
- The graph of every quadratic function is called \_\_\_\_\_.
- Every quadratic function has the same domain: All real numbers.
- The range of a quadratic function is given by its equation.

### The Original Parabola



### Describing a Graph of a Quadratic Function



### Equation of a Quadratic Function