Graphing a Quadratic Function: Standard form

- 1. Plot the vertex
- 2. Find and plot two points to the right of vertex.
- 3. Plot the point across axis of symmetry.
- 4. Sketch the curve.

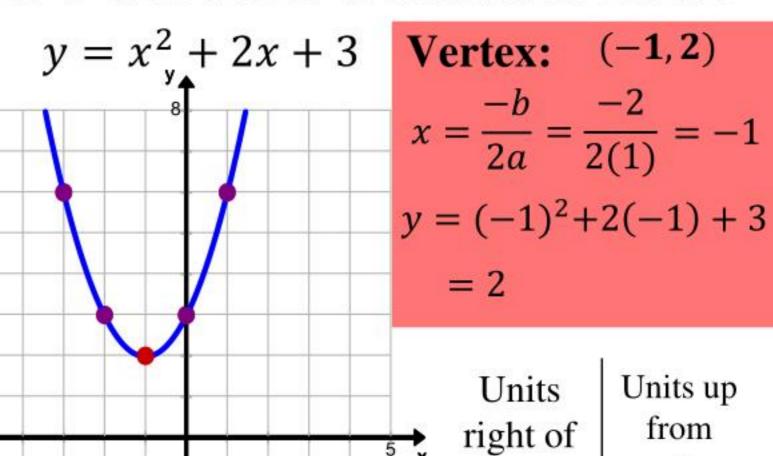
Axis of Symmetry:x = -1

Domain:

All Real Numbers

Range:

$$y \ge 2$$



X	x^2
1	1
2	4

vertex

vertex