

What you will learn about:  
Graphing in Vertex form

Vertex Form

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

Vertex  $(h, k)$

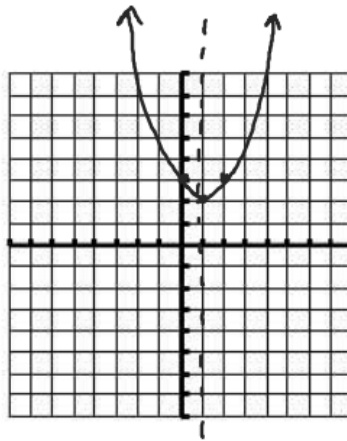
$$y = (x - 1)^2 + 2$$

Vertex:  $(1, 2)$

Axis of Symmetry  $x = 1$

Maximum or Minimum?

y-Intercept  $(0, 3)$



$$y = 2(x - 2)^2 + 5$$

Vertex: \_\_\_\_\_

Axis of Symmetry \_\_\_\_\_

Maximum or Minimum? \_\_\_\_\_

y-Intercept \_\_\_\_\_

