Vertex form of a Quadratic Function\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

a: h: k:

Vertex: Axis of Symmetry:



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| Vertex Form: f(x) = 2(x – 1)2 + 5  a:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  h: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  k: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Vertex (h, k):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Axis of Symmetry (x = h): \_\_\_\_\_\_\_\_\_\_  Minimum or Maximum |

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| Steps for Graphing in Vertex Form |