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 + 5a:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_h: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_k: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Vertex (h, k):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Axis of Symmetry (x = h): \_\_\_\_\_\_\_\_\_\_Minimum or Maximum |

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| Steps for Graphing in Vertex Form |