

Name: _____

Vertex Form Equations Extra Practice

Vertex Form: $y = (x - 1)^2 - 3$

a: _____

h: _____

k: _____

Vertex (h, k): _____

Axis of Symmetry ($x = h$): _____

Minimum or Maximum

Vertex Form: $f(x) = -3(x + 2)^2 - 1$

a: _____

h: _____

k: _____

Vertex (h, k): _____

Axis of Symmetry ($x = h$): _____

Minimum or Maximum

Vertex Form: $y = 2(x - 2)^2 - 2$

a: _____

h: _____

k: _____

Vertex (h, k): _____

Axis of Symmetry ($x = h$): _____

Minimum or Maximum

Vertex Form: $f(x) = (x - 1)^2 - 1$

a: _____

h: _____

k: _____

Vertex (h, k): _____

Axis of Symmetry ($x = h$): _____

Minimum or Maximum

Name: _____

Vertex Form: $y = -4(x + 2)^2 + 1$

a: _____

h: _____

k: _____

Vertex (h, k): _____

Axis of Symmetry (x = h): _____

Minimum or Maximum

Vertex Form: $f(x) = -2(x + 4)^2 + 2$

a: _____

h: _____

k: _____

Vertex (h, k): _____

Axis of Symmetry (x = h): _____

Minimum or Maximum

Vertex Form: $y = 3(x - 3)^2 - 5$

a: _____

h: _____

k: _____

Vertex (h, k): _____

Axis of Symmetry (x = h): _____

Minimum or Maximum

Vertex Form: $f(x) = -(x + 1)^2 - 3$

a: _____

h: _____

k: _____

Vertex (h, k): _____

Axis of Symmetry (x = h): _____

Minimum or Maximum