Quadratics Graphing Calculator Notes

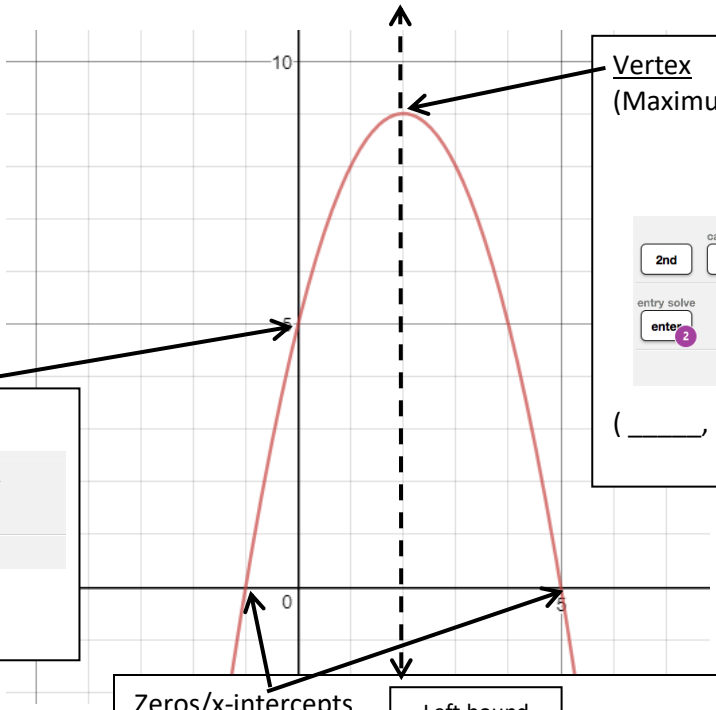
Given: $y = -x^2 + 4x + 5$

Axis of symmetry

X = _____

Domain: _____

Range: _____



Vertex
(Maximum/Minimum points)

Left bound

Right bound

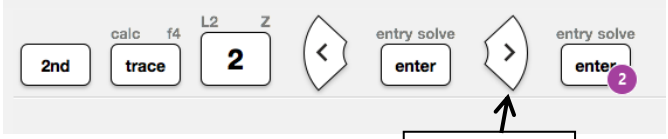
(_____, _____) Vertex

y-intercept

(0 , _____)

Zeros/x-intercepts

Left bound



Right bound

Repeat for other zero

(_____, 0) &

(_____, 0)

You try.

Given: $y = x^2 - 7x + 10$

Axis of symmetry

X = _____

Domain: _____

Range: _____

Vertex: (_____, _____)

Zeros/x-intercepts: (_____, 0) & (_____, 0)