

Quadratics Graphing Calculator Notes

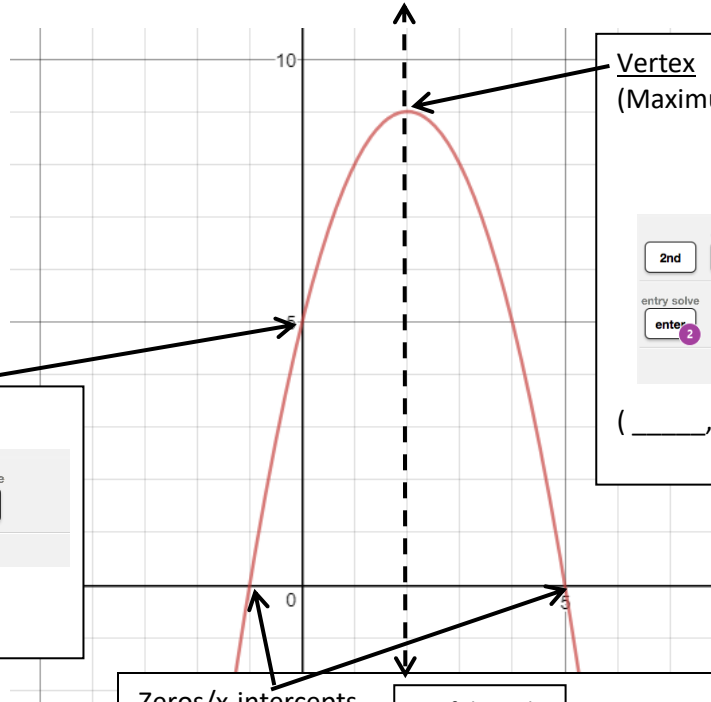
Given: $y = -x^2 + 4x + 5$

Axis of symmetry

X = _____

Domain: _____

Range: _____



Vertex
(Maximum/Minimum points)

Left bound

2nd calc f4 L4 T < entry solve > enter

entry solve enter 2

Right bound

(_____, _____) Vertex

y-intercept

2nd calc f4 L1 Y catalog ← entry solve

2nd trace 1 0 enter

(0, _____)

Zeros/x-intercepts

Left bound

Repeat for other zero

2nd calc f4 L2 Z < entry solve > entry solve enter 2

Right bound

(_____, 0) &
(_____, 0)

You try.

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

Axis of symmetry

X = _____

Domain: _____

Range: _____

Vertex: (_____, _____)

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

