

Graphing Calculator Steps - Sec 5.5

To Find The Vertex of a Quadratic

1. Put eqn in Y_1
2. Graph it. Adjust window as needed.
3. HIT **[2ND]** **[TRACE]** then **[3]** or **[4]** depending if you have a max or min for the vertex
4. Move cursor to left of vertex, hit **[ENTER]**. Move cursor to right of vertex + hit **[enter]** to lock in the search area.  
5. Hit **[enter]** until you see max or min at bottom of screen.

X-INTS

1. $Y_1 = \text{eqn}$
 $Y_2 = 0$
2. 2nd trace 5 enter 3 times to get intercepts