quadratics vocabulary

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- Vertex
  - The vertex is the highest or lowest point on the curve.
  - The vertex is the point (x, y) where x = -(b/2a).
  - Naru calls it the apex.
  - We then use this x-value in the equation to find the y-value of the vertex.
- Vertex Formula:
  - The graph of y = ax^2 + bx + c has the line x = -(b/2a) as its axis of symmetry.
  - The x-coordinate of the vertex is x = -(b/2a)
  - You can find the y by plugging the x-cordonate into your equation.
- axis of symmetry
  - the vertical line that splits the parabola down the middle.
  - The axis of symetry uses the same formula as the vertex formula to find the x-cordonate: x = -(b/2a)
- Up/ Down Test