

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-coordinate into your equation.
- axis of symmetry
 - the vertical line that splits the parabola down the middle.
 - The axis of symmetry uses the same formula as the vertex formula to find the x-coordinate: $x = -(b/2a)$
- Up/ Down Test