Your project will be graded using the following rubric. You can pick what grade you earn by using the rubric as a guide when completing your project.

|  |  |  |
| --- | --- | --- |
| Category: | Points: | **Your Score** |
| **Real Life Image: (4pts)** |  |  |
| Real-life example/fit | 2 points |  |
| The location (or URL) of the item is included. | 2 points |  |
|  |  |  |
| **Graph: (12 pts)** |  |  |
| Vertex | 2 points |  |
| Roots/Zeros/X-intercepts | 4 points |  |
| Axis of Symmetry | 2 points |  |
| Y-intercept (-10pt if same as vertex) | 2 points |  |
| All parts are labeled correctly. | 2 points |  |
|  |  |  |
| **Calculations: (52 pts)** |  |  |
| Calculate a-value from vertex and a point | 6 points |  |
| Vertex Form of equation | 4 points |  |
| Factored Form of equation | 10 points |  |
| Conversion into Standard Form | 10 points |  |
| Calculation of Vertex from Standard Form | 8 points |  |
| Same as Graph Vertex | 2 points |  |
| Roots/Zeros from Quadratic Formula | 10 points |  |
| Same as Graph Roots | 2 points |  |
|  |  |  |
| **Poster: (8 pts)** |  |  |
| Organization with sections clearly labeled | 3 points |  |
| Readability/Neatness | 2 points |  |
| Complete Sentences | 2 points |  |
| Your name is on the back of the poster (and it is NOT on the front) | 1 point |  |
| Bonus—make it “display” worthy | (2 points) |  |
|  |  |  |
| **Total:** | **76 pts** |  |