Name: _____   Date: _____

Chapter 2 Task Rubric

Categories	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding • Finds expressions, quadratic equations, zeros, and vertices.	Demonstrates limited understanding of quadratic functions by making many errors in the solution.	Demonstrates some understanding of quadratic functions by making only some errors in the solution.	Demonstrates considerable understanding of quadratic functions by making no errors in the solution.	Demonstrates thorough understanding of quadratic functions by correctly and completely finding the solution.
Thinking • Prepares a plan to complete the task. • Carries out the plan.	Needs extensive assistance to begin organizing a plan and needs clearly laid out steps to follow.	Needs some assistance to begin organizing a plan and needs some steps to follow.	Needs minimal assistance to organize and implement an effective strategy.	Needs no assistance to organize and implement an effective strategy.
Communication • Correct use of mathematical language. • Clear explanations and full justifications.	Maintains the correct units in some parts of the solution. Does not clearly explain or justify solution.	Maintains the correct units throughout most part of the solution. Explains and justifies solution somewhat.	Maintains the correct units throughout the solution. Explains and justifies solution fully.	Maintains the correct units throughout the solution. Explains, justifies, and shows insight into the complexities of the solution.
Application • Relates the particulars of the quadratic functions to the situation.	Interprets the information ineffectively by relating answers to the situation inaccurately.	Interprets the information somewhat effectively by relating partial answers to the situation.	Interprets the information with considerable effectiveness by relating most answers to the situation accurately.	Interprets the information with a high degree of effectiveness by relating all answers to the situation accurately.