

Name: _____

Date: _____

BLM 2-9

Section 2.5 Achievement Check Rubric

Categories	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding <ul style="list-style-type: none"> Identifies the key information from the equation and the graph. Finds the vertex and the zeros. 	Demonstrates limited understanding of quadratic equations by making major errors.	Demonstrates some understanding of quadratic equations by making only minor errors.	Demonstrates considerable understanding of quadratic equations by correctly solving the problem.	Demonstrates thorough understanding of quadratic equations by correctly and completely solving the problem.
Thinking <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Interprets the information from the solution in terms of the scenario. 	Interprets the information ineffectively, making few connections to the scenario.	Interprets the information somewhat effectively, making some connections to the scenario.	Interprets the information with considerable effectiveness, making most connections to the scenario.	Interprets the information with a high degree of effectiveness, making well-reasoned connections to the scenario.