

Name: _____

Date: _____

BLM 2-5

Section 2.2 Achievement Check Rubric

Categories	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding <ul style="list-style-type: none"> Graphs the two quadratic equations and chooses the maximum point. Compares the areas to find the largest one. 	Demonstrates limited understanding of solving a quadratic equation graphically and cannot find the required areas.	Demonstrates some understanding of solving a quadratic equation graphically or finds the required areas.	Demonstrates considerable understanding of solving a quadratic equation graphically and finds the required areas.	Demonstrates thorough understanding of solving a quadratic equation graphically and finds the required areas accurately.
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"> Illustrates the problem with a diagram. Models the problem with the two quadratic equations. 	Interprets the information ineffectively with an unlabelled diagram and requires significant assistance to find the quadratic equations.	Interprets the information somewhat effectively with a diagram or requires some assistance to find the quadratic equations.	Interprets the information with considerable effectiveness with labelled diagrams and requires little assistance to find the quadratic equations.	Interprets the information with a high degree of effectiveness with accurately labelled diagrams and finds the two correct quadratic equations.