

Name: _____

Date: _____

BLM 8.4.2

Achievement Check Rubric

Knowledge/Skills	Level 1	Level 2	Level 3	Level 4
Knowledge/Understanding <ul style="list-style-type: none"> Finds the vertex of the equations, and graphs the equations 	Demonstrates limited understanding of the transformed quadratic equation and how to find the vertex either graphically or algebraically	Demonstrates some understanding of the transformed quadratic equation and how to find the vertex either graphically or algebraically	Demonstrates considerable understanding of the transformed quadratic equation and how to find the vertex either graphically or algebraically	Demonstrates thorough understanding of the transformed quadratic equation and how to find the vertex either graphically or algebraically
Thinking <ul style="list-style-type: none"> Prepares and carries out a plan to solve the problem 	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"> Provides clear explanations and full justifications using mathematical language 	Does not clearly explain or justify solution; does not use, or incorrectly uses mathematical language	Explains and justifies solution somewhat using some correct mathematical language	Explains and justifies solution fully using correct mathematical language	Explains, justifies, and shows insight into the complexities of the solution using clear and correct mathematical language
Application <ul style="list-style-type: none"> Compares the vertices of the equations 	Interprets the information ineffectively and has difficulties seeing the similarities or differences in the equations	Interprets the information somewhat effectively and has some difficulties seeing the similarities or differences in the equations	Interprets the information with considerable effectiveness and has few difficulties seeing the similarities or differences in the equations	Interprets the information with a high degree of effectiveness and has no difficulties seeing the similarities or differences in the equations

Comments:
