

Name: _____

Date: _____

BLM 1–12

Section 1.6 Achievement Check Rubric

Categories	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding <ul style="list-style-type: none"> Graphs the functions in parts a) and c). Finds the domains and ranges in part f). 	Demonstrates limited understanding of graphing, using inappropriate domain and range settings and omitting scales and labels.	Demonstrates some understanding of graphing, using inappropriate domain and range settings or omitting scales and labels.	Demonstrates considerable understanding of graphing, using appropriate domain and range settings or including scales and labels.	Demonstrates thorough understanding of graphing, using appropriate domain and range settings and including scales and labels.
Thinking <ul style="list-style-type: none"> Prepares a plan to solve the problem. 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 part of the solution. Does not clearly explain or justify solution.	Maintains the correct units throughout most 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"> Explains the common points in parts b) and e). Describes the transformations in part d). 	Interprets the information ineffectively, making major errors in solution.	Interprets the information somewhat effectively, making minor errors in solution.	Interprets the information with considerable effectiveness, making no errors in solution.	Interprets the information with a high degree of effectiveness, correctly showing a complete solution.