

Name: _____

Date: _____

Section 8.4 Achievement Check Rubric

BLM 8–6

Categories	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding <ul style="list-style-type: none"> determines the required functions sketches the graphs of the required functions 	<ul style="list-style-type: none"> demonstrates limited understanding of functions, making major errors in the equations and showing inaccurate sketches 	<ul style="list-style-type: none"> demonstrates some understanding of functions, making minor errors in the equations and showing somewhat accurate sketches 	<ul style="list-style-type: none"> demonstrates considerable understanding of functions, making few minor errors in the equations and showing accurate sketches 	<ul style="list-style-type: none"> demonstrates thorough understanding of functions, making no errors in the equations and showing accurate sketches using technology.
Thinking/Inquiry/Problem Solving <ul style="list-style-type: none"> prepares a plan to solve the problem carries out the plan 	<ul style="list-style-type: none"> needs extensive assistance to begin organizing a plan and needs clearly laid out steps to follow 	<ul style="list-style-type: none"> needs some assistance to begin organizing a plan and needs some steps to follow 	<ul style="list-style-type: none"> needs minimal assistance to organize and implement an effective strategy 	<ul style="list-style-type: none"> needs no assistance to organize and implement an effective strategy.
Communication <ul style="list-style-type: none"> correctly uses mathematical language clearly explains and fully justifies solution 	<ul style="list-style-type: none"> maintains the correct language in some of the solution does not clearly explain or justify solution 	<ul style="list-style-type: none"> maintains the correct language throughout most of the solution explains and justifies solution somewhat 	<ul style="list-style-type: none"> maintains the correct language throughout the solution explains and justifies solution fully 	<ul style="list-style-type: none"> maintains the correct language throughout the solution explains, justifies and shows insight into the complexities of the solution
Application <ul style="list-style-type: none"> explains what the functions represent 	<ul style="list-style-type: none"> interprets the information ineffectually, by not explaining what either one represents 	<ul style="list-style-type: none"> interprets the information somewhat effectually, by explaining what one represents 	<ul style="list-style-type: none"> interprets the information with considerable effectiveness, by explaining what both represents 	<ul style="list-style-type: none"> interprets the information with a high degree of effectiveness, by thoroughly explaining what both represent