

Name: _____

Date: _____

BLM 1-8

Section 1.3 Achievement Check Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding <ul style="list-style-type: none"> • Uses the Sine Law to solve for the missing length. 	Demonstrates limited understanding of using the sine law.	Demonstrates some understanding of using the sine law.	Demonstrates considerable understanding of using the sine law.	Demonstrates thorough understanding of using the sine law.
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"> • Clear explanations and full justifications. • Correct use of mathematical language. 	Does not clearly explain or justify solution. Maintains the correct units in some of the solution.	Explains and justifies solution somewhat. Maintains the correct units throughout most of 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. Maintains the correct units throughout the solution.
Application <ul style="list-style-type: none"> • Finds the area of the roof. • Finds the cost of the shingles. 	Interprets the information ineffectively and has difficulty finding the area and the costs.	Interprets the information somewhat effectively and has difficulty finding the area or the costs.	Interprets the information with considerable effectiveness and has little difficulty finding the area and the costs.	Interprets the information with a high degree of effectiveness and has no difficulty finding the area and the costs.