

Name: _____

Date: _____

BLM 1-17

Chapter 1 Problem Wrap-Up Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding <ul style="list-style-type: none"> • Uses the trigonometric ratios to solve for the missing length. 	Demonstrates limited understanding of using the trigonometric ratios.	Demonstrates some understanding of using the trigonometric ratios.	Demonstrates considerable understanding of using the trigonometric ratios.	Demonstrates thorough understanding of using the trigonometric ratios.
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 distance from Iqaluit. • Finds the direction the rescue team should travel. 	Interprets the information ineffectively and has difficulty finding the distance and direction.	Interprets the information somewhat effectively and has difficulty finding the distance and direction.	Interprets the information with considerable effectiveness and has little difficulty finding the distance and direction.	Interprets the information with a high degree of effectiveness and has no difficulty finding the distance and direction.