

Section 2.5 Achievement Check Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge and Understanding <ul style="list-style-type: none"> Choose an appropriate trigonometric tool and perform calculations for right and oblique triangles. 	Demonstrates limited understanding of trigonometric tools and calculations.	Demonstrates some understanding of trigonometric tools and calculations.	Demonstrates considerable understanding of trigonometric tools and calculations.	Demonstrates thorough understanding of trigonometric tools and calculations.
Thinking <ul style="list-style-type: none"> Prepare a plan to solve the problem. Carry 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 and symbols. 	Does not clearly explain or justify solution. Maintains the correct mathematical conventions in some of the solution.	Explains and justifies solution somewhat. Maintains the correct mathematical conventions throughout most of the solution.	Explains and justifies solution fully. Maintains the correct mathematical conventions throughout the solution.	Explains, justifies, and shows insight into the complexities of the solution. Maintains the correct mathematical conventions throughout the solution.
Application <ul style="list-style-type: none"> Recognize the information needed in the problem and apply trigonometric laws to calculate missing lengths or angles. 	Interprets the information ineffectively and has considerable difficulty calculating missing lengths or angles.	Interprets the information somewhat effectively and has some difficulty calculating missing lengths or angles.	Interprets the information with considerable effectiveness and has little difficulty calculating missing lengths or angles.	Interprets the information with a high degree of effectiveness and has no difficulty calculating missing lengths or angles.

