

Name: _____

Date: _____

BLM 8-9

Section 8.3 Achievement Check Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge/ Understanding	<ul style="list-style-type: none"> demonstrates limited knowledge of triangle trigonometry and the cosine law 	<ul style="list-style-type: none"> demonstrates some knowledge of triangle trigonometry and the cosine law 	<ul style="list-style-type: none"> demonstrates considerable knowledge of triangle trigonometry and the cosine law 	<ul style="list-style-type: none"> demonstrates thorough knowledge of triangle trigonometry and the cosine law
Thinking	<ul style="list-style-type: none"> uses planning and critical thinking processes with limited effectiveness (e.g., little evidence of inference in analysing the context) 	<ul style="list-style-type: none"> uses planning and critical thinking processes with some effectiveness (e.g., some evidence of inference in analysing the context) 	<ul style="list-style-type: none"> uses planning and critical thinking processes with considerable effectiveness (e.g., considerable evidence of inference in analysing the context) 	<ul style="list-style-type: none"> uses planning and critical thinking processes very effectively (e.g., detailed evidence of inference in analysing the context)
Communication	<ul style="list-style-type: none"> expresses and organizes mathematical thinking with limited effectiveness uses mathematical vocabulary and notation with limited effectiveness 	<ul style="list-style-type: none"> expresses and organizes mathematical thinking with some effectiveness uses mathematical vocabulary and notation with some effectiveness 	<ul style="list-style-type: none"> expresses and organizes mathematical thinking with considerable effectiveness uses mathematical vocabulary and notation with considerable effectiveness (e.g., uses good form for presenting formulas) 	<ul style="list-style-type: none"> expresses and organizes mathematical thinking with a high degree of effectiveness uses mathematical vocabulary and notation with a high degree of effectiveness (e.g., uses very good form for presenting formulas)
Application	<ul style="list-style-type: none"> applies knowledge to this context with limited effectiveness (e.g., applies trigonometric formulas with limited effectiveness) 	<ul style="list-style-type: none"> applies knowledge to this context with some effectiveness (e.g., applies trigonometric formulas with some effectiveness) 	<ul style="list-style-type: none"> applies knowledge to this context with considerable effectiveness (e.g., applies trigonometric formulas and provides mathematical support) 	<ul style="list-style-type: none"> applies knowledge to this context with a high degree of effectiveness (e.g., applies appropriate trigonometric formulas and provides detailed mathematical support)