Name: _____   Date: _____

Chapter 8 Practice Test Achievement Check Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge/ Understanding	• demonstrates limited knowledge of triangle trigonometry and the sine and cosine laws	• demonstrates some knowledge of triangle trigonometry and the sine and cosine laws	• demonstrates considerable knowledge of triangle trigonometry and the sine and cosine laws	• demonstrates thorough knowledge of triangle trigonometry and the sine and cosine laws
Thinking	• uses planning and critical thinking processes with limited effectiveness (e.g., little evidence of inference in analysing the context)	• uses planning and critical thinking processes with some effectiveness (e.g., some evidence of inference in analysing the context)	• uses planning and critical thinking processes with considerable effectiveness (e.g., considerable evidence of inference in analysing the context)	• uses planning and critical thinking processes very effectively (e.g., detailed evidence of inference in analysing the context)
Communication	• expresses and organizes mathematical thinking with limited effectiveness • uses mathematical vocabulary and notation with limited effectiveness	• expresses and organizes mathematical thinking with some effectiveness • uses mathematical vocabulary and notation with some effectiveness	• expresses and organizes mathematical thinking with considerable effectiveness • uses mathematical vocabulary and notation with considerable effectiveness	• expresses and organizes mathematical thinking with a high degree of effectiveness • uses mathematical vocabulary and notation with a high degree of effectiveness
Application	• applies knowledge to this context with limited effectiveness (e.g., applies trigonometric formulas with limited effectiveness)	• applies knowledge to this context with some effectiveness (e.g., applies trigonometric formulas with some effectiveness)	• applies knowledge to this context with considerable effectiveness (e.g., applies trigonometric formulas and provides mathematical support)	• applies knowledge to this context with a high degree of effectiveness (e.g., applies appropriate trigonometric formulas and provides detailed mathematical support)