Name: _____   Date: _____

Achievement Check Rubric

Knowledge/Skills	Level 1	Level 2	Level 3	Level 4
Knowledge/ Understanding • Demonstrates understanding of the sine ratio	Demonstrates limited understanding of the sine ratio	Demonstrates some understanding of the sine ratio	Demonstrates considerable understanding of the sine ratio	Demonstrates thorough understanding of the sine ratio
Thinking • Prepares and carries out a plan to solve the problem	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 • Provides a clear explanations and full justifications • Draws and labels a diagram	Does not clearly explain or justify solution. Draws a diagram without correctly labelling	Explains and justifies solution somewhat Draws a diagram with some correct labelling	Explains and justifies solution fully Draws a diagram correctly labelled	Explains, justifies and shows insight into the complexities of the solution Draws a diagram correctly labelled and reasonably to scale
Application • Finds a solution as a range of values • Uses similar triangles as an alternate solution	Interprets the information ineffectively (tries to use both ends of the range in one calculation) Has difficulty finding an alternative to trigonometry	Interprets the information somewhat effectively (tries to use both ends of the range) Needs some assistance finding an alternative to trigonometry	Interprets the information with considerable effectiveness (uses both ends of the range in correctly) Finds an alternative to trigonometry	Interprets the information with a high degree of effectiveness (finds the range easily and correctly) Readily finds an effective alternative to trigonometry

Comments:

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