Name: _____   Date: _____

Task: Pythagoras Park Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge/ Understanding	• demonstrates limited knowledge and understanding of geometry terminology	• demonstrates some knowledge and understanding of geometry terminology	• demonstrates considerable knowledge and understanding of geometry terminology	• demonstrates thorough knowledge and understanding of geometry terminology
Thinking	• uses limited planning skills (e.g., guesses) • uses processing skills with limited effectiveness (e.g., provides limited reasoning or justification) • uses critical thinking processes with limited effectiveness (e.g., confuses some of the instructions)	• uses some planning skills (e.g., provides some evidence of a plan) • uses processing skills with some effectiveness (e.g., provides some evidence of reasoning or justification) • uses critical thinking processes with some effectiveness (e.g., makes an attempt to satisfy given conditions)	• uses considerable planning skills (e.g., provides considerable evidence of a plan) • uses processing skills with considerable effectiveness (e.g., provides considerable evidence of reasoning or justification) • uses critical thinking processes with considerable effectiveness (e.g., satisfies all requirements of problem)	• uses planning skills with a high degree of effectiveness (e.g., provides detailed evidence of plans) • uses processing skills effectively (e.g., provides detailed evidence of reasoning or justification) • uses critical thinking processes with a high degree of effectiveness (e.g., exceeds the requirements of the problem)
Communication	• prepares a simple report, making a few reasonable statements, with some assistance • infrequently uses some mathematical symbols and vocabulary correctly • explanations and justifications are not present • work is disorganized	• prepares a report, making some reasonable statements, with limited assistance • uses correct mathematical symbols and vocabulary some of the time • explanations and justifications are partially complete (e.g., includes few details of how requirements are met)	• prepares a report, making reasonable statements, without assistance • uses correct mathematical symbols and vocabulary with few minor errors • explanations and justifications are clear and complete (e.g., includes details of how requirements are met)	• prepares a complete, detailed, insightful report • uses mathematical symbols and vocabulary correctly and creatively • explanations and justifications are particularly clear and detailed (e.g., includes thorough details of how requirements are met)
Application	• applies knowledge and skills in familiar contexts (e.g., draws shapes and properties) with limited effectiveness • transfers knowledge of skills to new context (e.g., geometrical shapes and properties have limited connection to practical task)	• applies knowledge and skills in familiar contexts (e.g., draws shapes and properties) with some effectiveness • transfers knowledge of skills to new context (e.g., geometrical shapes and properties have connections to the practical task)	• applies knowledge and skills in familiar contexts (e.g., uses shapes and properties) with considerable effectiveness • transfers knowledge of skills to new context (e.g., geometrical shapes and properties are well connected to the practical task)	• applies knowledge and skills in familiar contexts (e.g., uses shapes and properties) with a high degree of effectiveness • transfers knowledge of skills to new context (e.g., geometrical shapes and properties are integrated creatively into the practical task)