Name: _____   Date: _____

Chapter 1 Practice Test Achievement Check Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge/ Understanding	• demonstrates limited knowledge of how to solve a system of two linear equations by substitution or elimination and how to verify the solution	• demonstrates some knowledge of how to solve a system of two linear equations by substitution or elimination and how to verify the solution	• demonstrates considerable knowledge of how to solve a system of two linear equations by substitution or elimination and how to verify the solution	• demonstrates a thorough knowledge of how to solve a system of two linear equations by substitution or elimination and how to verify the solution
Thinking	• uses planning and critical thinking processes with limited effectiveness (e.g., little evidence of reasoning in choice of solution method in part a) or of problem solving strategies in setting up equations to model the problem in part c))	• uses planning and critical thinking processes with some effectiveness (e.g., some evidence of reasoning in choice of solution method in part a) and of problem solving strategies in setting up equations to model the problem in part c))	• uses planning and critical thinking processes with considerable effectiveness (e.g., considerable evidence of reasoning in choice of solution method in part a) and of problem solving strategies in setting up equations to model the problem in part c))	• uses planning and critical thinking processes very effectively (e.g., detailed evidence of reasoning in choice of solution method and use of problem solving strategies)
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 (e.g., uses good form for presenting solutions)	• 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 solutions)
Application	• applies knowledge of algebraic methods to solve problems involving a system of two linear equations with limited effectiveness	• applies knowledge of algebraic methods to solve problems involving a system of two linear equations with some effectiveness	• applies knowledge of algebraic methods to solve problems involving a system of two linear equations with considerable effectiveness	• applies knowledge of algebraic methods to solve problems involving a system of two linear equations with a high degree of effectiveness