Name: _____   Date: _____

Chapter 6 Practice Test Achievement Check Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge/ Understanding	• demonstrates limited knowledge of use of different methods for solving quadratic equations and interpretation of roots	• demonstrates some knowledge of use of different methods for solving quadratic equations and interpretation of roots	• demonstrates considerable knowledge of different methods for solving quadratic equations and interpretation of roots	• demonstrates thorough knowledge of use of different methods for solving quadratic equations and interpretation of roots
Thinking	• uses planning and critical thinking processes with limited effectiveness (e.g., little evidence of reasoning skills in parts c) and d))	• uses planning and critical thinking processes with some effectiveness (e.g., some evidence of reasoning skills in parts c) and d))	• uses planning and critical thinking processes with considerable effectiveness (e.g., considerable evidence of reasoning skills in parts c) and d))	• uses planning and critical thinking processes very effectively (e.g., detailed evidence of reasoning skills in parts c) and d))
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 the various methods for solving quadratic equations and interpretation of roots with limited effectiveness	• applies knowledge of the various methods for solving quadratic equations and interpretation of roots with some effectiveness	• applies knowledge of the various methods for solving quadratic equations and interpretation of roots with considerable effectiveness	• applies knowledge of the various methods for solving quadratic equations and interpretation of roots with a high degree of effectiveness