Name: _____   Date: _____

Achievement Check Rubric

Category	Level 1	Level 2	Level 3	Level 4
Knowledge/ Understanding	• demonstrates limited knowledge of graphing lines and finding their intersection graphically	• demonstrates some knowledge of graphing lines and finding their intersection graphically	• demonstrates considerable knowledge of graphing lines and finding their intersection graphically	• demonstrates a thorough knowledge of graphing lines and finding their intersection graphically
Thinking	• uses planning and processing skills with limited effectiveness (e.g., tries to connect given information with a graph)	• uses planning and processing skills with some effectiveness (e.g., partially connects given information with a graph and attempts to interpret solution)	• uses planning and processing skills with considerable effectiveness (e.g., connects given information with a graph and interprets solution)	• uses planning and processing skills with a high degree of effectiveness [e.g., makes convincing arguments for connections, particularly in part c), supported with justification]
Communication	• expresses and organizes mathematical thinking with limited effectiveness • uses mathematical vocabulary and notation with limited effectiveness (e.g., graphs and explanations have limited support and clarity)	• expresses and organizes mathematical thinking with some effectiveness • uses mathematical vocabulary and notation with some effectiveness (e.g., graphs and explanations have some support and clarity)	• expresses and organizes mathematical thinking with considerable effectiveness • uses mathematical vocabulary and notation with considerable effectiveness (e.g., graphs and explanations have considerable support and clarity)	• expresses and organizes mathematical thinking with a high degree of effectiveness • uses mathematical vocabulary and notation with a high degree of effectiveness (e.g., graphs and explanations are well organized and are very clear and precise)
Application	• applies knowledge to this context with limited effectiveness (e.g., makes a graph with considerable errors)	• applies knowledge to this context with some effectiveness (e.g., makes a graph with some errors, is uncertain of connection of intersection point)	• applies knowledge to this context with considerable effectiveness (e.g., makes a graph with minor errors, shows connection of intersection point to problem)	• applies knowledge to this context with a high degree of effectiveness (e.g., makes a graph and shows connection of intersection point with no errors)