

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**BLM 1–8**

## Section 1.4 Achievement Check Rubric

Category	Level 1	Level 2	Level 3	Level 4
<b>Knowledge/ Understanding</b>	<ul style="list-style-type: none"> <li>demonstrates limited knowledge of how to use algebraic methods to solve a system of two linear equations and verify the solution</li> </ul>	<ul style="list-style-type: none"> <li>demonstrates some knowledge of how to use algebraic methods to solve a system of two linear equations and verify the solution</li> </ul>	<ul style="list-style-type: none"> <li>demonstrates considerable knowledge of how to use algebraic methods to solve a system of two linear equations and verify the solution</li> </ul>	<ul style="list-style-type: none"> <li>demonstrates a thorough knowledge of how to use algebraic methods to solve a system of two linear equations and verify the solution</li> </ul>
<b>Thinking</b>	<ul style="list-style-type: none"> <li>uses planning and critical thinking processes with limited effectiveness (e.g., little evidence of reasoning in analysing the methods of part b))</li> </ul>	<ul style="list-style-type: none"> <li>uses planning and critical thinking processes with some effectiveness (e.g., some evidence of reasoning in analysing the methods of part b))</li> </ul>	<ul style="list-style-type: none"> <li>uses planning and critical thinking processes with considerable effectiveness (e.g., considerable evidence of reasoning in analysing the methods of part b)); considerable evidence of problem solving strategies in analysing the context of part a); i.e., setting up equations, solving the system, and verifying the solution)</li> </ul>	<ul style="list-style-type: none"> <li>uses planning and critical thinking processes very effectively (e.g., detailed evidence of reasoning in analysing the methods of part b)); detailed evidence of problem solving strategies in analysing the context of part a); i.e., setting up equations, solving the system, and verifying the solution)</li> </ul>
<b>Communication</b>	<ul style="list-style-type: none"> <li>expresses and organizes mathematical thinking with limited effectiveness</li> <li>uses mathematical vocabulary and notation with limited effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>expresses and organizes mathematical thinking with some effectiveness</li> <li>uses mathematical vocabulary and notation with some effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>expresses and organizes mathematical thinking with considerable effectiveness</li> <li>uses mathematical vocabulary and notation with considerable effectiveness (e.g., uses good form for presenting solutions)</li> </ul>	<ul style="list-style-type: none"> <li>expresses and organizes mathematical thinking with a high degree of effectiveness</li> <li>uses mathematical vocabulary and notation with a high degree of effectiveness (e.g., uses very good form for presenting solutions)</li> </ul>
<b>Application</b>	<ul style="list-style-type: none"> <li>applies knowledge of algebraic methods to solve problems involving a system of two linear equations with limited effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>applies knowledge of algebraic methods to solve problems involving a system of two linear equations with some effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>applies knowledge of algebraic methods to solve problems involving a system of two linear equations with considerable effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>applies knowledge of algebraic methods to solve problems involving a system of two linear equations with a high degree of effectiveness</li> </ul>