

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

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

## Section 3.4 Achievement Check Rubric

BLM 3–6

Categories	Level 1	Level 2	Level 3	Level 4
<b>Knowledge and Understanding</b> <ul style="list-style-type: none"> <li>determines points of intersection</li> <li>graph sketching</li> <li>solving and checking algebraically</li> </ul>	<ul style="list-style-type: none"> <li>demonstrates little understanding of determining the points of intersection, graph sketching, and solving and checking algebraically</li> </ul>	<ul style="list-style-type: none"> <li>demonstrates some understanding of determining the points of intersection, graph sketching, and solving and checking algebraically</li> </ul>	<ul style="list-style-type: none"> <li>demonstrates considerable understanding of determining the points of intersection, graph sketching, and solving and checking algebraically</li> </ul>	<ul style="list-style-type: none"> <li>demonstrates thorough determining the points of intersection, graph sketching, and solving and checking algebraically</li> </ul>
<b>Thinking</b> <ul style="list-style-type: none"> <li>prepares a plan to solve the problem</li> <li>carries out the plan</li> </ul>	<ul style="list-style-type: none"> <li>needs extensive assistance to begin organizing a plan and needs some steps to follow</li> </ul>	<ul style="list-style-type: none"> <li>needs some assistance to organize and implement an effective strategy</li> </ul>	<ul style="list-style-type: none"> <li>needs minimal assistance to organize and implement an effective strategy</li> </ul>	<ul style="list-style-type: none"> <li>needs no assistance to organize and implement an effective strategy</li> </ul>
<b>Communication</b> <ul style="list-style-type: none"> <li>clear explanations and full justifications</li> <li>correct use of mathematical language</li> </ul>	<ul style="list-style-type: none"> <li>does not clearly explain or justify solution</li> <li>uses limited mathematical form</li> </ul>	<ul style="list-style-type: none"> <li>explains and justifies solution somewhat</li> <li>uses minimal mathematical form</li> </ul>	<ul style="list-style-type: none"> <li>explains and justifies solution fully</li> <li>uses good mathematical form</li> </ul>	<ul style="list-style-type: none"> <li>explains, justifies and shows insight into the complexities of the solution</li> <li>uses excellent mathematical form</li> </ul>
<b>Application</b> <ul style="list-style-type: none"> <li>from algebra to graphing</li> </ul>	<ul style="list-style-type: none"> <li>has limited understanding of the connection between the different representations in the question</li> </ul>	<ul style="list-style-type: none"> <li>has some understanding of the connection between the different representations in the question</li> </ul>	<ul style="list-style-type: none"> <li>has considerable understanding of the connection between the different representations in the question</li> </ul>	<ul style="list-style-type: none"> <li>has thorough understanding of the connection between the different representations in the question</li> </ul>