

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

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

## Section 1.2 Achievement Check Rubric

BLM 1–9

Categories	Level 1	Level 2	Level 3	Level 4
<b>Knowledge and Understanding</b> <ul style="list-style-type: none"> <li>• what the degree of a function does to end behaviour</li> <li>• function sketching</li> <li>• finite differences</li> </ul>	<ul style="list-style-type: none"> <li>• demonstrates little understanding of end behaviour, curve sketching and finite differences</li> </ul>	<ul style="list-style-type: none"> <li>• demonstrates some understanding of end behaviour, curve sketching and finite differences</li> </ul>	<ul style="list-style-type: none"> <li>• demonstrates considerable understanding of end behaviour, curve sketching and finite differences</li> </ul>	<ul style="list-style-type: none"> <li>• demonstrates thorough understanding of end behaviour, curve sketching and finite differences</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>