

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

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

**BLM 7-13**

## Section 7.4 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 the properties of trigonometric ratios</li> </ul>	<ul style="list-style-type: none"> <li>demonstrates some knowledge of the properties of trigonometric ratios</li> </ul>	<ul style="list-style-type: none"> <li>demonstrates considerable knowledge of the properties of trigonometric ratios</li> </ul>	<ul style="list-style-type: none"> <li>demonstrates thorough knowledge of the properties of trigonometric ratios</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 recognition of relationships in analysing parts b) and c))</li> </ul>	<ul style="list-style-type: none"> <li>uses planning and critical thinking processes with some effectiveness (e.g., some evidence of recognition of relationships in analysing parts b) and c))</li> </ul>	<ul style="list-style-type: none"> <li>uses planning and critical thinking processes with considerable effectiveness (e.g., considerable evidence of recognition of relationships in parts b) and c); considerable evidence of organized and constructed mathematical arguments)</li> </ul>	<ul style="list-style-type: none"> <li>uses planning and critical thinking processes very effectively (e.g., detailed evidence of recognition of relationships in parts b) and c); detailed evidence of well-organized and constructed mathematical arguments)</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 properties of trigonometric ratios with limited effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>applies knowledge of properties of trigonometric ratios with some effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>applies knowledge of properties of trigonometric ratios with considerable effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>applies knowledge of properties of trigonometric ratios with a high degree of effectiveness</li> </ul>