

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

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

# Observation General Scoring Rubric

Criteria	Level 1	Level 2	Level 3	Level 4
<b>Knowledge/Understanding</b>				
<b>Understand concepts</b>	• limited understanding	• some understanding	• considerable understanding	• thorough understanding
<b>Perform algorithms</b>	• simple algorithms	• inconsistent accuracy	• consistent accuracy	• chooses most efficient algorithm and performs it accurately
<b>Thinking</b>				
<b>Apply the inquiry process</b>	• needs significant direction	• needs minor hints/directions	• applies process(es) without direction	• sees the process with a broad view and works independently
<b>Create a model</b>	• relates to task in limited ways	• relates to task in some ways	• relates to task	• relates fully to task and is innovative
<b>Select and use tools</b>	• major gaps and errors	• minor gaps and errors	• appropriate, accurate choices	• most appropriate choices
<b>Make inferences</b>	• very limited connections	• limited connections	• direct connections	• direct connections, well supported with evidence
<b>Communication</b>				
<b>Communicate orally, in writing, and symbolically</b>	• limited clarity and partially understandable to others	• some clarity and somewhat understandable to others	• considerable clarity and understandable to others	• high degree of clarity with very clear and detailed statements
<b>Use mathematical language</b>	• infrequent correct usage	• some correct usage	• mostly correct usage	• correct and efficient usage
<b>Application</b>				
<b>Apply concepts/procedures in familiar and/or unfamiliar settings</b>	• applies concepts/procedures to simple problems with substantial assistance	• applies concepts/procedures to simple problems with minimal or no assistance	• applies concepts/procedures to grade-level problems with no assistance	• applies concepts/procedures to complex problems with no assistance

**Comments:**

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