

	<b>Advanced</b>	<b>Proficient</b>	<b>Developing</b>	<b>Emerging</b>
<p><b>Numeric Literacy</b></p> <p><b>Problem Solving</b></p> <p><b>Level 6</b></p>	<p>The student makes in-dept inferences and applications that go beyond what was taught in class.</p>	<p>The student demonstrates an understanding of <b>Problem Solving</b> by:</p> <ul style="list-style-type: none"> <li>❑ Applies practical skills in problem solving using typical business, consumer and real world problems</li> <li>❑ Applies multi-step integrated mathematical problem solving strategies and verifies accuracy of solutions with alternative strategies</li> <li>❑ Explains, justifies and defends mathematical ideas, solutions and methods using multimedia presentations and appropriate visual aids</li> <li>❑ Recognizes and applies inductive and deductive reasoning.</li> <li>❑ Explains the logic and reasoning of an argument.</li> <li>❑ Maintains a math journal that includes goals, success, areas of improvement, ideas, solutions &amp; methods</li> </ul> <p>The student exhibits no major errors or omissions of information and/or processes that were explicitly taught.</p>	<p>No Major errors or omission regarding the simpler details and processes such as:</p> <ul style="list-style-type: none"> <li>❑ Uses math skills in solving business math problems</li> <li>❑ Utilizes a mathematical problem solving strategy</li> <li>❑ Explains solutions and methods to a problem</li> <li>❑ Recognizes inductive and deductive reasoning</li> <li>❑ Maintains a math journal</li> </ul> <p>The student struggled with complex ideas and processes.</p>	<p>With help, the student is partially successful at the proficient or advanced level.</p>