

Writing in Math Rubric				
	Expert - 4	Practitioner - 3	Apprentice - 2	Novice - 1
Problem Solving	<p>An efficient strategy is chosen and adjustments to strategy, if necessary, are made along the way and/or alternative strategies are considered.</p> <p>Evidence of analyzing the situation in mathematical terms and extending prior knowledge is present.</p>	<p>A correct strategy is chosen based on the mathematical situation in the task.</p>	<p>A partially correct strategy is chosen, or a correct strategy for solving only part of the task is chosen.</p>	<p>Little or no evidence of the use of a strategy is shown.</p>
Reasoning and Proof	<p>Clear evidence is used to justify and support decisions made and conclusions reached.</p>	<p>A systematic approach with adequate mathematical basis and/or justification of correct reasoning is present.</p>	<p>Some correct reasoning or justification for reasoning is present.</p>	<p>No correct reasoning nor justification for reasoning is present.</p>
Communication	<p>Situation of task is clearly stated and explained using mathematical language.</p> <p>Steps followed in reasoning are written with complete and clear supporting details.</p>	<p>Situation of task is stated and explained adequately.</p> <p>Steps followed in reasoning are written with some supporting details.</p>	<p>Situation of task is not adequately stated, or is incorrectly stated.</p> <p>Steps followed in reasoning are not explained correctly, or explanation is unclear.</p>	<p>Situation of task is not stated.</p> <p>Steps followed in reasoning are not written out.</p>
Representation	<p>An appropriate mathematical representation is constructed to analyze relationships, extend thinking, and clarify or interpret patterns.</p>	<p>An appropriate and accurate mathematical representation is shown to solve problem or portray solution.</p>	<p>An attempt is made to show a mathematical representation to record and communicate problem solving, but it is not accurate.</p>	<p>No attempt is made to show a mathematical representation.</p>
Conventions of Writing	<p>Few, if any, errors or omissions are present.</p> <p>Paragraph structure is followed.</p>	<p>Some minor errors or omissions are present.</p> <p>Most aspects of paragraph structure are followed.</p>	<p>Several minor errors or omissions are present.</p> <p>Some aspects of paragraph structure are followed.</p>	<p>Several major errors or omissions are present.</p> <p>Few aspects of paragraph structure are followed.</p>
Adapted	from: https://www.exemplars.com/assets/files/standard_rubric.pdf			