

## Rubric for Measuring of Task Area and Conversion to Roman Numerals

Criteria	Level 1	Level 2	Level 3	Level 4
<b>Understand the Problem</b>	<input type="checkbox"/> rarely understands the problem and attempts a solution without assistance	<input type="checkbox"/> sometimes understands the problem without assistance will occasionally attempt a solution	<input type="checkbox"/> usually has a good understanding of the problem and attempts a solution	<input type="checkbox"/> almost always has a clear understanding of the problem and confidently attempts a solution
<b>Make a Plan</b> <ul style="list-style-type: none"> <li>▪ <b>Applying the problem-solving process independently</b></li> <li>▪ <b>Selecting problem solving strategies</b></li> <li>▪ <b>Selecting appropriate mathematical tools</b></li> </ul>	<input type="checkbox"/> rarely applies problem solving process without significant assistance <input type="checkbox"/> rarely selects any problem solving strategies <input type="checkbox"/> rarely selects appropriate mathematical tools	<input type="checkbox"/> sometimes applies problem solving process some assistance <input type="checkbox"/> sometimes selects a problem solving strategy <input type="checkbox"/> sometimes selects appropriate mathematical tools	<input type="checkbox"/> usually applies problem solving process without assistance <input type="checkbox"/> usually selects problem solving strategies <input type="checkbox"/> usually selects appropriate mathematical tools	<input type="checkbox"/> almost always applies problem solving process independently and incorporates a broad view of the problem <input type="checkbox"/> almost always selects appropriate problem solving strategies <input type="checkbox"/> almost always selects appropriate mathematical tasks
<b>Carry out the Plan</b> <ul style="list-style-type: none"> <li>▪ <b>Accuracy</b></li> <li>▪ <b>Arriving at a solution</b></li> </ul>	<input type="checkbox"/> applies strategies and tools with major errors and omission <input type="checkbox"/> rarely arrives at a solution	<input type="checkbox"/> applies strategies and tools with minor errors and omissions <input type="checkbox"/> sometimes arrives at a solution	<input type="checkbox"/> applies strategies and tools accurately and in a logical sequence <input type="checkbox"/> usually arrives at a solution	<input type="checkbox"/> applies the most appropriate tools accurately and in a logical sequence <input type="checkbox"/> almost always arrives at a solution