

Question 8.9 ELO #1 and 2 Proficiency Scale\*DRAFT\*

CCSS	Mastery	Proficient	Basic	Below Basic	I-No Evidence
<u>8.G.9</u>	<p>Can extend thinking beyond the standard, including tasks that may involve one of the following:</p> <ul style="list-style-type: none"> <li>•Designing</li> <li>•Connecting</li> <li>•Synthesizing</li> <li>•Applying</li> <li>•Justifying</li> <li>•Critiquing</li> <li>•Analyzing</li> <li>•Creating</li> <li>•Proving</li> </ul>	<p><u>Apply</u> the the volume formulas for cones, cylinders, and spheres to solve real world problems (situations may involve Pythagorean theorem)</p>	<p>Use the volume formulas for cones, cylinders, and spheres to solve mathematical problems (situations may involve Pythagorean theorem)</p>	<p>Use the volume formulas for cones, cylinders, and spheres (<u>2 of the 3</u>) to solve mathematical problems (situations may involve Pythagorean theorem)</p>	<p>Little evidence of reasoning or application to solve the problem</p> <p>Does not meet the criteria in a level 1</p>

I can state the formula for the volume of a cone, cylinder, and sphere. (8.G.9)

I can calculate the volume of cones. (8.G.9)

I can calculate the volume of cylinders. (8.G.9)

I can calculate the volume of spheres. (8.G.9)

I can calculate the volume of cylinders, cones, and spheres in real-world problems. (8.G.9)