

Question 7.7 ELO #3, #4 and #5 Proficiency Scale*DRAFT*

CCSS	Mastery	Proficient	Basic	Below Basic	I-No Evidence
<u>7.G.2</u> <u>7.G.5</u>	<p>Can extend thinking beyond the standard, including tasks that may involve one of the following:</p> <ul style="list-style-type: none"> •Designing •Connecting •Synthesizing •Applying •Justifying •Critiquing •Analyzing •Creating •Proving 	<p>Use supplementary, complementary, vertical, and adjacent angle relationships to write an equation and determine an unknown angle in a <u>multi-step problem</u></p> <p><u>Draw</u> quadrilaterals and triangles with given side or angle conditions and <u>explain if a triangle is a unique triangle, more than one triangle or not a triangle</u></p>	<p>Use supplementary, complementary, vertical, and adjacent angle relationships to <u>write an equation and determine an unknown angle</u></p> <p><u>Draw</u> quadrilaterals and triangles with given side or angle conditions</p>	<p><u>Identify</u> supplementary, complementary, vertical, and adjacent angle relationships</p> <p><u>Identify</u> quadrilaterals and triangles with given side or angle conditions</p>	<p>Little evidence of reasoning or application to solve the problem</p> <p>Does not meet the criteria in a level 1</p>
<u>7.G.3</u>		<p><u>Describe</u> the 2 dimensional shape that results from slicing right rectangular prisms and right rectangular pyramids.</p> <p>Solve real-world problems involving area, volume <u>and</u> surface area of objects made from triangles, quadrilaterals, polygons, cubes, and right prisms</p>	<p><u>Identify</u> the 2 dimensional shape that results from slicing right rectangular prisms and right rectangular pyramids.</p> <p>Solve real-world problems involving area, <u>and volume or surface area</u> of objects made from triangles, quadrilaterals, polygons, cubes, and right prism</p>	<p><u>Identify</u> the 2 dimensional shape that results from slicing right rectangular prisms <u>or</u> right rectangular pyramids.</p> <p>Solve real-world problems involving <u>area</u> of objects made from triangles, quadrilaterals, and polygons</p>	

I can describe two-dimensional figures that result from slicing three-dimensional figures. (7.G.3)

I can construct geometric shapes using appropriate tools (freehand, ruler, protractor, or technology). (7.G.2)

I can describe the attributes of geometric figures (with focus on triangles). (7.G.2)

I can construct triangles with given angles and side conditions. (7.G.2)

I can explain with given measures, why they form a unique triangle, more than one triangle, or no triangle. (7.G.2)

I can recognize and identify types of angles such as supplementary, complementary, vertical, and adjacent. (7.G.5)

I can use facts about angle relationships (supplementary, complementary, vertical, and adjacent) to determine the measure of unknown angles. (7.G.5)

I can use facts about angle relationships (supplementary, complementary, vertical, and adjacent) to solve simple equations. (7.G.5)