

Content Area: Math

Strand: Measurement	Missouri GLE:
Reporting Topic: Solve problems involving circumference/area of a circle and surface area/volume of a rectangular prism, triangular prism, and cylinder.	M2C
Grade: 7th	

Score 4.0	<p>In addition to Score 3.0, in-depth inferences or applications that go beyond what was taught. For example, the student may:</p> <ul style="list-style-type: none"> • Find volume of a cone.* • Find volume of a pyramid.
	3.5 In addition to 3.0 performance, in-depth inferences and applications with partial success.
Score 3.0	<p>The student will:</p> <ul style="list-style-type: none"> • Find circumference of a circle given a radius or a diameter.* • Find the area of a circle given a radius or a diameter.* • Find the surface area of a cylinder. • Find the volume of a cylinder.* • Find the volume of prism: <ul style="list-style-type: none"> Rectangular* Triangular Cube • Find the surface area of prisms: <ul style="list-style-type: none"> Rectangular Triangular Cube* <p>The student exhibits no major errors or gaps in the learning goal (complex ideas and processes).</p>
	2.5 No major errors or gaps in 2.0 content and partial knowledge of 3.0 content.
Score 2.0	<p>The student will:</p> <ul style="list-style-type: none"> • Understand basic terminology such as <ul style="list-style-type: none"> ○ face, vertices, edges* ○ net, surface area* ○ circumference, perimeter* ○ prisms and cylinders* ○ diameter and radius* ○ volume* • Draw a net of a three-dimensional figure.* • Find the area and/or perimeter of square, rectangle, parallelogram or triangle.* <p>The student exhibits no major errors or gaps in the simpler details and processes.</p>
	1.5 Partial understanding of the 2.0 content with major errors or gaps in 3.0 content.
Score 1.0	With help, a partial understanding of the 2.0 content and some of the 3.0 content.
	0.5 With help, a partial understanding of the 2.0 content and none of the 3.0 content.
Score 0.0	Even with help, no understanding or skill demonstrated.