
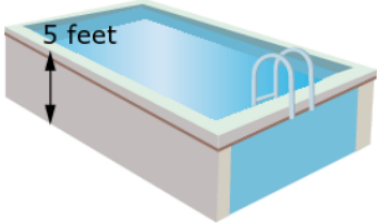


Content Standard	<p>MAFS.7.G Geometry</p> <p>MAFS.7.G.2 Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.</p> <p>MAFS.7.G.2.6 Solve real-world and mathematical problems involving area, volume and surface area of two- and three-dimensional objects composed of triangles, quadrilaterals, polygons, cubes, and right prisms.</p>	
Assessment Limits	<p>Three-dimensional shapes may include right prisms, triangular prisms, and pyramids. When the base of a figure has more than four sides, the area of the base must be given.</p>	
Calculator	Yes	
Item Type	Equation Editor GRID	
Context	Allowable	
Sample Item		Item Type
The surface area of a cube is 6 square centimeters. What is its volume, in cubic centimeters?		Equation Editor
<p>A cube with a surface area of 96 square centimeters is shown.</p>  <p>Eight cubes like the one shown are combined to create a larger cube. What is the volume, in cubic centimeters, of the new cube?</p>		Equation Editor
<p>Mitzi has a rectangular swimming pool. She fills it with water to a depth of 5 feet. The water has a volume of 1200 cubic feet.</p>  <p>Use the Connect Line tool to draw a rectangle that represents the possible dimensions of the swimming pool.</p>		