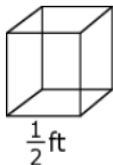


Content Standard	<p>MAFS.6.G Geometry</p> <p>MAFS.6.G.1 Solve real-world and mathematical problems involving area, surface area, and volume.</p> <p>MAFS.6.G.1.2 Find the volume of a right rectangular prism with fractional edge lengths by packing it with unit cubes of the appropriate unit fraction edge lengths, and show that the volume is the same as would be found by multiplying the edge lengths of the prism. Apply the formulas $V = lwh$ and $V = bh$ to find volumes of right rectangular prisms with fractional edge lengths in the context of solving real-world and mathematical problems.</p>	
Assessment Limits	<p>Prisms in items must be right rectangular prisms.</p> <p>Unit fractional edge lengths for the unit cubes used for packing must have a numerator of 1.</p>	
Calculator	No	
Item Types	Equation Editor GRID	
Context	Allowable	
Sample Item		Item Type
<p>Alex has 64 cubes like the one shown.</p>  <p>He uses all the cubes to fill a box shaped like a larger rectangular prism. There are no gaps between the cubes.</p> <p>A. What is the volume, in cubic feet, of the larger rectangular prism?</p> <p>B. What are possible dimensions, in feet, of the larger rectangular prism?</p>		Equation Editor