Content Standard		MAFS.5.MD Measurement and Data			
		MAFS.5.MD.3 Geometric measurement: understand concepts of volume and relate volume to multiplication and division.			
		MAFS.5.MD.3.3 Recognize volume as an attribute of solid figures and understand concepts of volume measurement.			
		MAFS.5.MD.3.3a A cube with side length 1 unit, called a "unit cube," is said to have "one cubic unit" of volume, and can be used to measure volume.			
		MAFS.5.MD.3.3b A solid figure which can be packed without gaps or overlaps using n unit cubes is said to have a volume of n cubic units.			
		Also Assessed:			
		MAFS.5.MD.3.4 Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units.			
Assessmen	t Limits	Right rectangular prisms with whole-number side lengths.			
		Graphics include unit cube.			
		Labels can include cubic units (i.e. cubic centimeters, cubic feet, etc.) or exponential units (i.e., cm³, ft³, etc.).			
Calculator		No			
Acceptable		Equation Response			
Response		Matching Item Response			
Mechanisms		Multiple Choice Response			
	T	Multi-Select Response			
Context	Allowable				
Example					
Context		rectangular prism(s) with unit cubes is shown.			
Context	Decrease dimensional values (<= 6).				
easier	One prism given.				
		e dimensional values (> 6).			
more difficult	, , , , ,				

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Response Mechanism Multiple Choice	Notes, Comments
1	
Response	
Response	
	Multiple Choice Response

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A rectangular prism is shown.	Equation Response
1 in. 1 in. What is the volume of the prism in cubic inches?	
A rectangular prism is shown.	Equation Response
1 in	
What is the volume of the prism in cubic centimeters?	

Several rectangular prisms are shown.	Multi-Select Response	
Which prisms have a volume between 20 and 40 cubic units?		