









1)	α)	This cube is made from 1cm <sup>3</sup> interlocking cubes. Imagine that the cube has been made with a hollow centre so that only the faces are made from the interlocking cubes. What is the volume of the cube?
	b)	If another similar hollow cube was made that had the dimensions 5cm × 5cm × 5cm, what would the volume of the cube be?
		cm³
2)	I us leng Her <b>a)</b>	se 1cm <sup>3</sup> interlocking cubes to make some different size cuboids. I make cuboids with different side gths of 2cm, 3cm and 4cm. re are two of my cuboids: What are the volumes of each cuboid?
	2	4cm 4cm cm <sup>3</sup> cm <sup>3</sup>
	b)	How many more cuboids can I make which have side lengths of 2cm, 3cm and 4cm? What is the volume of each different cuboid?
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