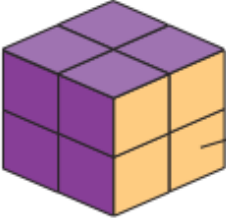
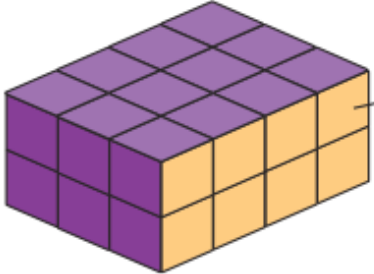



Year 5 Measurement and Volume Knowledge Organiser.

Volume Knowledge Organiser	
Key Vocabulary	Volume of Cubes and Cuboids
cubed	<p>Volume is measured in cubed units. For example, cm^3, m^3 and km^3.</p> <p>To calculate the volume of cubes and cuboids:</p> <ol style="list-style-type: none"> 1. Calculate the area of the cross-section (one face). 2. Multiply the area of the cross-section (one face) by its depth.
area	
cross-section	
prism	
cube	<div style="display: flex; align-items: center;">  <div> <p>Area of cross section (face) = $2\text{cm} \times 2\text{cm} = 4\text{cm}^2$</p> <p>$4\text{cm}^2 \times 2\text{cm} = \text{Volume of } 8\text{cm}^3$</p> </div> </div>
cuboid	
face	
length	
height	<div style="display: flex; align-items: center;">  <div> <p>Area of cross section (face) = $4\text{cm} \times 2\text{cm} = 8\text{cm}^2$</p> <p>$8\text{cm}^2 \times 3\text{cm} = \text{Volume of } 24\text{cm}^3$</p> </div> </div>
width	
depth	
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