Shape & Space	<u>Volume</u>	topic notes
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<u>Cuboid</u> - The volume(capacity) of a cuboid is given by:

volume = length x width x height



note: the sides of a cuboid are at right angles to eachother

Prism - a shape with variable length and constant cross-sectional area



Shape & Space

Volume

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Sphere



<u>Pyramid</u> - The equation is independent of the number of sides of the pyramid. So the equation works equally for a tetrahedron(with a triangular base) and for other solids with differently shaped base areas.



<u>Cone</u> - This is similar to the pyramid, the area of the circle being the base area.



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Frustrum This is the part of a cone remaining when a top section of the cone, parallel to the base, is removed.

volume of frustrum = [original vol. of cone] - [vol. of removed top section]

