

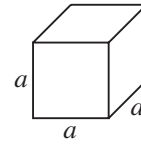
Volume

Essential information

Volume

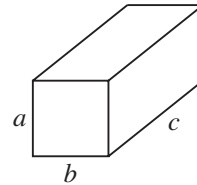
Cube

$$V = a^3$$



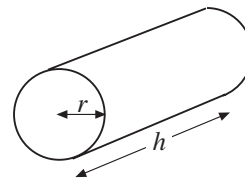
Cuboid

$$V = abc$$



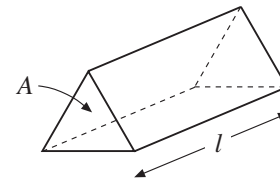
Cylinder

$$V = \pi r^2 h$$



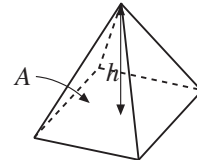
Prism

$$V = Al$$



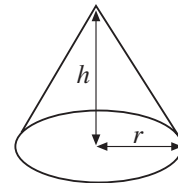
Pyramid

$$V = \frac{1}{3} Ah$$



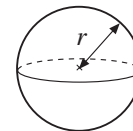
Cone

$$V = \frac{1}{3} \pi r^2 h$$



Sphere

$$V = \frac{4}{3} \pi r^3$$



where a , b and c represent side lengths; A , area; h , height; r , radius and V , volume.

Density

$$\text{Density} = \frac{\text{mass}}{\text{volume}}$$