

Learning objectives

This unit deals with the important topic of *volume*. After completing it you should be able to

- use the volume formulae for cubes, cuboids, cylinders and prisms
- calculate the density of an object, given its mass and volume
- use the volume formulae for pyramids, cones and spheres
- apply the volume formulae for cubes, cuboids, cylinders, prisms, pyramids, cones and spheres to solve real life problems
- apply dimensional analysis to develop formulae.