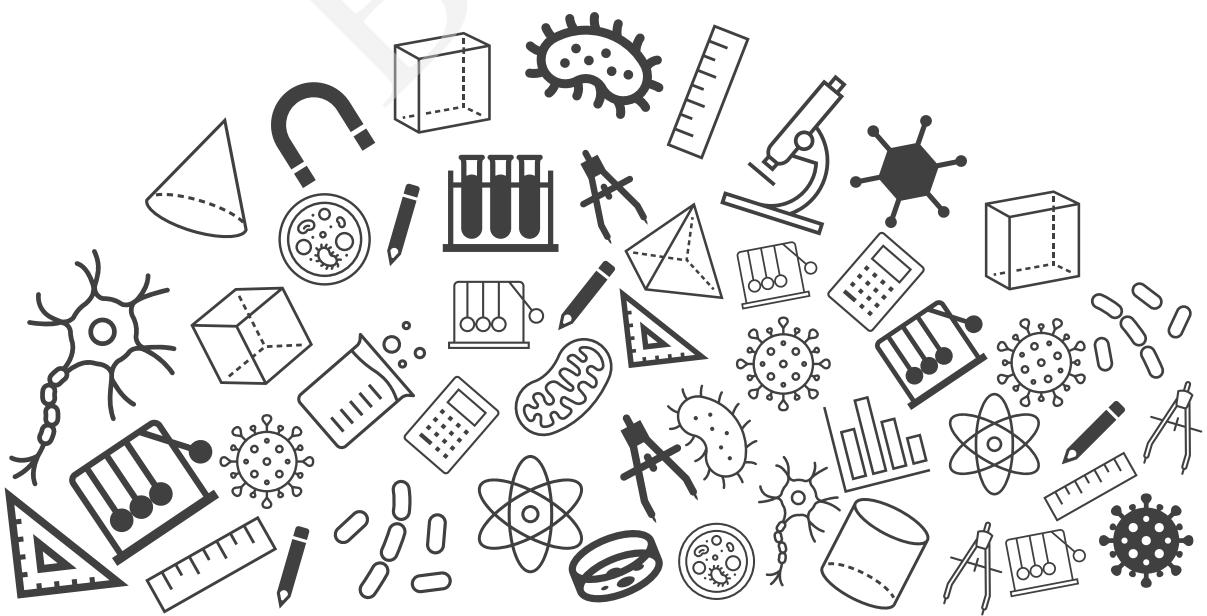




The logo for BYJU'S consists of a stylized white 'B' inside a purple square followed by the word 'BYJU'S in a large, bold, purple sans-serif font.

Grade 09

Mathematics Chapter Notes





Surface Areas and Volumes





Topics



1. Surface Areas and Volume of Cone

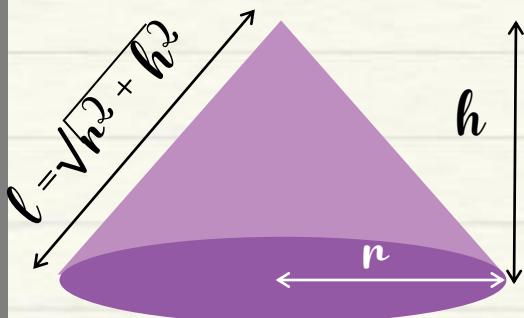
2. Surface Area and Volume of Sphere

3. Surface Areas and Volume of Hemisphere



Surface Areas and Volumes

Cone



$$\pi r \ell$$

Curved surface area

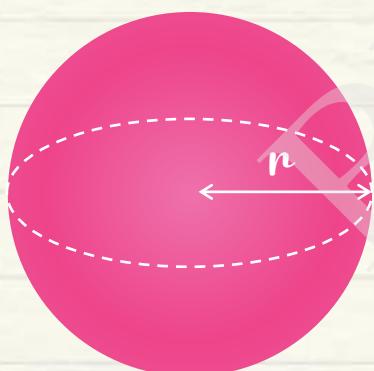
$$\pi r \ell + \pi r^2$$

Total surface area

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

Volume

Sphere



$$4\pi r^2$$

Curved surface area

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

Volume

Hemisphere

Curved surface area

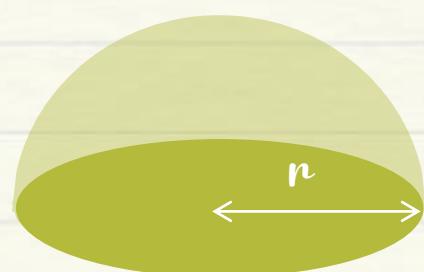
$$2\pi r^2$$

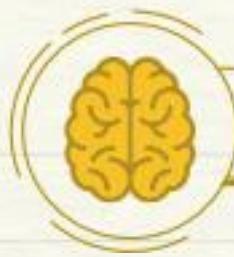
Total surface area

$$3\pi r^2$$

Volume

$$\frac{2}{3} \pi r^3$$





Mind Map

Cone

Sphere

Surface Areas
and Volumes

Hemisphere