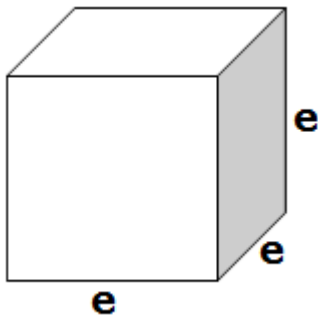


## Cuboid

1. Volume =  $l b h$
2. Lateral surface area (leaving top and bottom) =  $2 h (l + b)$
3. Total Surface Area =  $2 (l b + b h + h l)$
4. Surface Area leaving top/bottom =  $2 h (l + b) + lb$

Example: Area of 4 walls and ceiling of a cuboid shaped room



## Cube

**A cuboid with length = breadth = height**

1. Volume =  $e^3$
2. Lateral surface area (leaving top and bottom) =  $4e^2$
3. Total Surface Area =  $6e^2$
4. Surface Area leaving top/bottom =  $5e^2$

Example: Area of 4 walls and ceiling of a cuboid shaped room

**Note: Every cube is a cuboid but every cuboid is not a cube.**

**Compiled by – Dev Anoop**