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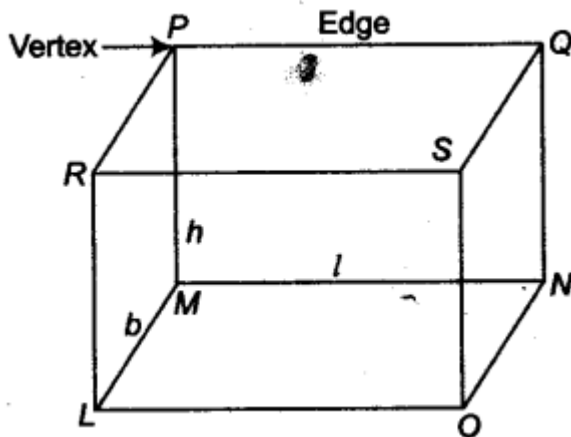
Subject:-Mathematics

Class:-IX   ST:-Prabhat Ranjan   Date:-14-12-21

Some Important Matters:-

1. **Cuboid:** A figure which is surrounded by six rectangular surfaces is called cuboid.
The opposite surface of a cuboid is equal and parallel.

A cuboid has 12 edges and 8 corners. Each corner of a cuboid is called the vertex of a cuboid. The line segment joining the opposite vertices is called the diagonal of a cuboid. There are four diagonals in a cuboid.

Volume of cuboid = Length × Breadth × Height = l × b × h
Lateral surface area = 2 (Length + Breadth) × Height = 2 (l + b) × h

- Total surface area = 2 (Length x Breadth

  + Breadth x Height + Height x Length) =

  2 (lb+ + bh + hl)

- Total length of cuboid = 4 (l + b + h)
- Diagonal Of Cuboid=$\sqrt{l^2 + b^2 + h^2}$