

Mensuration

The radius of a conical tent is 7 meters and its height is 10 meters. Calculate the length of canvas used in making the tent if the width of canvas is 2m.

An oil drum is in the shape of a cylinder having the following dimensions: diameter is 2 m. and height is 7 m. The painter charges ` 3 per m^2 to paint the drum. Find the total charges to be paid to the painter for 10 drums ?

A sphere, a cylinder and a cone are of the same radius and same height. Find the ratio of their curved surface areas.

A company wants to manufacture 1000 hemispherical basins from a thin steel sheet. If the radius of each basin is 21 cm., find the area of steel sheet required to manufacture the above hemispherical basins?

Find the volume and surface area of a sphere of radius 2.1cm