1. The length, breadth and height of a room are 12m, 10m and 9m respectively find the area of the walls of the room.

2. The total surface area of a cube is 96sqm, find the length of its edge.

3. If the radius of a cylinder is doubled and its height is halved, what will its curved surface area be?

4. Find the area of the sheet required to make a closed cylindrical vessel of height 1m and diameter 140 cm.

5. Calculate the surface area of a hemispherical dome of a temple with radius 14m to be whitewashed from outside.

6. The slant height of a cone is 26 cm and the base diameter is 20 cm. Find its height.

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

**Atomic Energy Education Society**

**Class:-9 Subject :-Mathematics**

**Ch.13 Surface Areas and Volumes**

**Worksheet 1**