9. A road roller takes 750 complete revolutions to move once over to level a road. Find the area of the road if the diameter of a road roller is 84 cm and length is 1 m.

the area of the field.

5. The diagonals of a rhombus are 7.5 cm and 12 cm. Find its area.

Example 10: A rectangular paper of width 14 cm is rolled along its width and a cylinder of radius 20 cm is formed. Find the volume of the cylinder (Fig 9.31). (Take $\dfrac{22}{7}$ for π)

7. If each edge of a cube is doubled,

    (i) how many times will its surface area increase?

    (ii) how many times will its volume increase?

8. Water is pouring into a cubiodal reservoir at the rate of 60 litres per minute. If the volume of reservoir is 108 m³, find the number of hours it will take to fill the reservoir.