

MENSURATION 8th

1. The shape of garden is rectangular in the middle and semi circular at the end as shown in the figure .find the area and the perimeter of this garden
2. how many bricks will be required for a wall 8m long,6m high,2.25 cm thick,if each brick measures 25cm,11.25cm,6cm?
3. The volume of a reservoir is 108 m^3 .water is poured into it at the rate of 60 litres per min.how many hours will it take to fill the reservoir ?
4. A field is 80mlong and 50 m broad .in one corner of the field ,a pit which is 10m long,7.5 m broad and 8 m deep dugout. The earth is taken out and it is evenly spread over the remaining field .find the rise in the level of the field?
5. Find the volume of a cube whose told surface area is 486 cm^2 .
6. A river is 2m deep and 45m wide is flowing at the rate of 3 kmper hour. find the quantity of water that runs into the sea per min?
7. The volume of a room is 378 m^3 .and the area of the floor is 84 m^2 .find the height of the room?
8. The volume of the cake is 729 cm^3 .find its surface area?
9. The volume of a cylinder of height 8cm is 1232 cm^3 .find its CSA and TSA
10. A road roller of diameter 84cm, takes 750 complete revolutions to move over once to level a road.find the area of road .