

→ Aim - To measure the volume of cube

→ Apparatus required - Vernier calliper, cube

→ Observations :

S.No	Main scale reading	N^{th} div. of vernier scale coinciding	$VSR - n^{\text{th}}$ div. $\times L.C$	$D = VSR + MSR$	Volume
1.	1.9	8	8×0.01 $= 0.08$	$0.08 + 1.9$ $= 1.98$	$(1.98)^3$ $= 7.762$
2.	1.9	8	8×0.01 $= 0.08$	$0.08 + 1.9$ $= 1.98$	$(1.98)^3$ $= 7.762$
3.	1.9	8	8×0.01 $= 0.08$	$0.08 + 1.9$ $= 1.98$	$(1.98)^3$ $= 7.762$

→ Calculation -
Volume of cube = 7.762

→ Result -
Diameter = 1.98
Volume = 7.762