

**Topic: VOLUME OF CUBES AND CUBOIDS.**

**DATE: 23<sup>RD</sup> APRIL, 2021**

**CLASS: YEAR 5**

Review: volume of a cuboid =  $L \times b \times h$

Volume of a cube =  $l \times b \times h = l \times l \times l = l^3$

Complete the following table.

Length (cm)	6	10	4	20	8	4.5	40
Breadth (cm)	4	9	3	15	7	2.4	15
Height (cm)	2	25			3	6	
Volume (cm <sup>3</sup> )			48	600			66

Find the number of cubes of sides 3cm which can be put into a box which has internal measurements of 54 cm by 40cm by 28cm. Use this information to complete the box below:

Volume of the box	
Volume of the cube	
Number of cubes of side 3cm that can fit into the box	