INDIAN SCHOOL DARSAIT
DEPARTMENT OF MATHEMATICS
WORKSHEET # 7

Subject : MATHEMATICS	Topic : CUBES AND CUBE ROOTS	Date of Worksheet : 08/09/2018

Resource Person: Mrs. Indu.P

Name of the Student _____   Class &Division: _____   Roll Number : ____

Sl.No.	CHAPTER BASED QUESTIONS	Marks
1.	Show that 189 is not a perfect cube.	1
2.	Is 216 a perfect cube?	1
3.	Evaluate: $(8)^3$ (ii) $(15)^3$ (iii) $(60)^3$ (iv) $(21)^3$	2
4.	Evaluate: $(1.2)^3$ (ii) $(3.5)^3$ (iii) $(0.8)^3$ (iv) $(0.05)^3$	2
5.	Find the cube root of the following: 512 (ii) 343 (iii) 8000 (iv) 3375	2
7.	Find the smallest number by which 1323 must be multiplied so that the product is a perfect cube.	2
8.	Find the smallest number by which 2560 must be multiplied so that the product is a perfect cube.	2
9.	What is the smallest number by which 3087 may be multiplied so that the product is a perfect cube.	2
10.	Find the smallest number by which 1600 must be divided so that the quotient is a perfect cube.	2
11.	Find the smallest number by which 8788 must be divided so that the quotient is a perfect cube.	2