

CLASS -VIII

SUBJECT- Mathematics

WORKSHEET- L-6-Cube Roots

NAME-

DATE-

Q1 Is 8000 a perfect cube? Yes / No _____

Q2 Write the cubes of first five natural numbers .____ ,____

Q3 What is the smallest number by which 4 should be multiplied to make it a perfect cube.

Q4 Find the cube root of $\frac{27}{64}$.

Q5 Find the cube root of .008.

Q6 Find the cube root of 27000

Q7 Encircle the perfect cubes in the following 27, 64, 125,

98, 100, -8000, -9000

Q8 Simplify $(10)^2 - 4^3$

Q9 Find the value of $\sqrt[3]{.001} \times 10$

Section B

Multiple Choice questions

Q10 The cube root of .000512 is

(A) 0.5 (B) 0.08 (C) 0.008 (D)8

Q11 $\sqrt[3]{\sqrt{.000064}} = ?$

(A)0.02 (B)0.2 (C) 2 (D).04

Q12 The largest number which is perfect cube is

(A)9999 (B)9261 (C)8000 (D)9899

Q13 By what the least number should 675 be multiplied so as to obtain a number which is a perfect cube?

(A)5 (B)6 (C)7 (D)8

Q14 By what the least number should 4000 be divided so as to obtain a number which is a perfect cube?

(A)8 (B)4 (C)12 (D)6

