

**WORK SHEET**  
**SUBJECT- MATHS**  
**Chapter-7 : Cube & Cube Roots**

**CLASS- VIII**

**Q.1) Which of the following are the perfect cubes?**

- a) 729      b) 10000      c) 1729      d) 2817      e) 6859

**Q.2) Which of the following are the cubes of odd number**

- a) 1331      b) 4096      c) 5832      d) 5000      e) 3375

**Q.3) Is 343 or 243 a perfect cube?**

**Q. 4) By prime factorization find the cube roots of:**

- a) 3375      b) 74088      c) 10000      d) 11331

**Q. 5) Find the cube root of 17576 through estimation.**

**Q. 6) Is 392 a perfect cube?**

**Q.7) Is 68600 a perfect cube? If not, find the smallest no. by which 68600 must be multiplied to get a perfect cube.**

**Q. 8) Is 53240 a perfect cube? If not, then by which smallest no. should 53240 be divided so that the quotient is a perfect cube?**

**Q. 9) Without finding the prime factors, estimate the cube roots of the following cubes.**

- a) 857375      b) 12167      c) 24389

**Q.10) Find the cube root of 13824.**

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