

CLASS-8/CLASS TEST/CUBE AND CUBE ROOTS FM=10

1. Which is the smallest three-digit perfect cube?

(a) 125 (b) 343 (c) 729 (d) 512

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Fill in the blanks (1x2=2)

3. The cube of an even number is always _____.

4. The smallest natural number by which 243 must be multiplied to make the product a perfect cube is _____

Answer the following (1x2=2)

5. How many digits will be there in the cube root of 46656?

6. What is the volume of a cube whose edge is 2cm?

Short Answer type Questions (I) (2x2=4)

7. Evaluate: $\sqrt[3]{64 \times 729}$

8. Is 1188 a perfect cube? If not, by which smallest natural number should 1188 be divided so that the quotient is a perfect cube?