

Chapter-7 : Cubes and Cube Roots

- 1) Numbers like 1729, 4104, 13832 are known as Hardy-Ramanujan Numbers. They can be expressed as sum of two cubes in two different ways.
- 2) Number obtained when a number is multiplied by itself three times are known as cube number.
For example, 1, 8, 27... etc.
- 3) If in the prime factorisation of any number each factor appears three times, then the number is a perfect cube.
- 4) $\sqrt[3]{\quad}$ denotes cube root. $\sqrt[3]{27} = 3$.