

Topic Page: [Cube \(Algebra\)](#)

Definition: **cube** from *The Hutchinson Unabridged Encyclopedia with Atlas and Weather Guide*

In arithmetic, to multiply a number by itself and then by itself again. For example, 5 cubed = $5^3 = 5 \times 5 \times 5 = 125$. Alternatively, the cube root of 125 is 5. The term also refers to a number formed by cubing; for example, 1, 8, 27, 64 are the first four cubes.

images

squares, cubes, square roots, and cube roots

Summary Article: **cube**

From *Philip's Encyclopedia*

In mathematics, the result of multiplying a given number by itself twice. Thus, the cube of a is $a \times a \times a$, written a^3 . A cube is also described as the third power of a number. The cube root is the number that must be multiplied by itself twice over to give a specified number. A cube is also a regular six-sided solid figure (all its edges are equal in length and all its faces are squares).

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cube. (2008). In *Philip's encyclopedia*. London, UK: Philip's. Retrieved from https://search.credoreference.com/content/topic/cube_algebra

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