

# Cube Root of a Number

## Cube of a Number

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The cube of a number is the product of the number three times itself. If  $a$  is a non-zero number then  $a \times a \times a = a^3$  is called cube of  $a$ .

## Formula

1. factorise a given numbers into prime factors.
2. make triple of similar chapter or arrange them in a group of three equal factors at a time.
3. take the product of prime factors choosing on out of every similar triplet.

\*Product is our Answer

## Perfect cube

Natural number  $n$  is said to be a perfect cube if there is an integer such that

$$n = a \times a \times a$$