

The Extraction of the Cube Root

To Extract the cube root of any number is to find another number which multiplied by itself and that product by the number found produces the number given for Extraction from the foregoing Table for extraction of the cube root precede the General Square of the cube root by

Root	1	2	3	4	5	6	7	8	9
Square	1	4	9	16	25	36	49	64	81
Cube	1	8	27	64	125	216	343	512	729

Case 1st To prepare any Number for extraction make a point over unity and so successively over every third figure making two figures or cyphers between each but in decimals you must point from the place of unity the right hand &c

The cube of your first period take and of its root a quotient make which root into a cube must give and from your period taken for to the remainder then you must bring down another period just which being done then you must let your number straight divided be by just then finding the square of what your quotient figures bear which do so that you in may take the four your quotient figures make take square and multiply by the root and that product thirty times as high the cube of your first found figure too you must put in if right you do repeat your work and so descend from point to point unto the end that some if ought remains there shall add cyphers by three for a decimal

You must get three cyphers by heart and that may perfect by before your procedure

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