



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Arithmetic
Duration: 40 min

Class: 7
Worksheet 23
CUBES AND CUBE ROOT

Date: 15.05.20
Full Marks: 15

Choose the Correct options:

- Which of the following is correct?
 - Cube of a negative number is always positive.
 - Cube of a negative number is always negative.
 - Cube of a negative number may be positive or negative.
 - All of the above
- If the digit in one's place of a number is 2, then the last digit of its cube will be:
 - 2
 - 4
 - 6
 - 8
- If the digit in one's place of a number is 3, then the last digit of its cube will be:
 - 3
 - 6
 - 7
 - 9
- If the digit in one's place of a number is 6, then the last digit of its cube will be:
 - 6
 - 3
 - 2
 - 8
- The volume of a cubical box is 64 cm^3 . Which of the following is its side?
 - 2 cm
 - 4 cm
 - 6 cm
 - 8 cm
- Which of the following is a perfect cube?
 - 10000
 - 243
 - 343
 - 270000
- If a number is doubled then which of the following is a correct statement?
 - Its cube is two times the cube of the given number.
 - Its cube is three times the cube of the given number.
 - Its cube is six times the cube of the given number.
 - Its cube is eight times the cube of the given number.
- Which of the following is equal to its own cube?
 - 1
 - 2
 - 3
 - 9
- Which of the following is the cube root of 27000?
 - 30
 - 300
 - 3000
 - None of these
- Which of the following is the cube root of $-64/243$?
 - $7/4$
 - $-7/4$
 - $4/7$
 - $-4/7$
- If $72K$ is a perfect cube, find the value of K .
 - 1
 - 2
 - 3
 - 4
- Find the number which is not a perfect cube among the following.
 - 1331
 - 216
 - 243
 - 512
- What is the smallest number by which 2560 must be multiplied so that the product is a perfect cube?
 - 5
 - 25
 - 10
 - 15
- Find the smallest number by which 8788 must be divided so that the quotient is a perfect cube.
 - 4
 - 12
 - 16
 - 32
- What is the cube root of 1.331?
 - 0.11
 - 0.011
 - 11
 - 1.1