**Class: VIII Subject- MATHEMATICS**

**Assignment- CHAPTER- 2: CUBES AND CUBE ROOTS.**

1. Show that 189 is not a perfect cube.
2. Evaluate and find cube of the following numbers:-
3. 21 (ii) 0.8 (iii) (1/15)
4. Which of the following numbers are perfect cubes? In case a perfect cube, find the number whose cube is the given number.
5. 243 (ii) 5324

1. Find the smallest number by which 1323 must be multiplied so that the product is a perfect cube.
2. Find the smallest number by which 8788 must be divided so that the quotient is a perfect cube.
3. Which of the following are the cubes of even numbers:-
4. 216 (iii) 512
5. 729 (iv) 3375
6. Which of the following are the cubes of odd numbers:-
7. 125 (iii) 1728
8. 343 (iv) 4096
9. Evaluate and find the cube root of the following numbers:-
10. 64 (iii) 3375
11. -64/343 (iv) 64 x 729
12. By what least number should 648 be multiplied to get a perfect cube?
13. 3 (b) 6 (c) 9 (d) 8

**10**. By what least number should 1536 be divided to get a perfect cube?

(a) 3 (b) 4 (c) 6 (d) 8