

Maths 8

Chapter 4: Cubes and Cube Roots -Worksheet

Section A: MCQs

1. Cube of 3 is:

- (a) 9
- (b) 12
- (c) 27
- (d) 18

2. A perfect cube:

- (a) must end in 5
- (b) must be even
- (c) must be odd
- (d) may be even or odd

3. Cube root of 64 is:

- (a) 2
- (b) 4
- (c) 6
- (d) 8

4. Which is NOT a perfect cube?

- (a) 27
- (b) 64
- (c) 125
- (d) 50

5. Cube of negative number is:

- (a) positive
- (b) zero
- (c) negative
- (d) undefined

Section B: Fill in the Blanks

1. Cube of 5 is _____.
2. Cube root of 216 is _____.
3. The last digit of a cube depends on the last digit of the _____.
4. Every natural number has _____ cube root.
5. The cube of an even number is always _____.

Section C: True/False

1. 1 is a perfect cube. (True/False)
2. Cube of 10 is 1000. (True/False)
3. Cube roots of negative numbers do not exist. (True/False)
4. The cube root of 0 is 1. (True/False)
5. 27 is a perfect cube. (True/False)