

Class 8 Maths Chapter 7 Cubes and Cube Roots MCQs

Choose the correct answer.

- 1) The cube of an even natural number is:
 - a) Even
 - b) Odd
 - c) Cannot be determined
 - d) None of the above

- 2) The prime factorisation of a^3 is:
 - a) $3 \times a$
 - b) $a \times a \times a$
 - c) $3 \times a \times a \times a$
 - d) None of the above

- 3) The one's digit of the cube of 75 is:
 - a) 7
 - b) 0
 - c) 5
 - d) 2

- 4) The one's digit of the cube of the number 144 is:
 - a) 1
 - b) 2
 - c) 3
 - d) 4

- 5) The numbers 1, 8, 27, 64, ... are:
 - a) Square numbers
 - b) Cube numbers
 - c) Cannot be determined
 - d) None of the above

- 6) Which of the following is a perfect cube ?
 - a) 125
 - b) 135
 - c) 145
 - d) 115

- 7) The cube of 200 will have how many zeros?
a) 2
b) 4
c) 6
d) 8
- 8) Express 6^3 as the sum of odd numbers.
a) $31 + 33 + 35 + 37 + 39 + 41 + 43$
b) $31 + 33 + 35 + 37 + 39 + 41$
c) $31 + 33 + 35 + 37 + 39 + 41 + 43 + 45$
d) None of these
- 9) What is the cube root of 343 is:
a) 3
b) 6
c) 7
d) 8
- 10) Find the smallest number by which the number 250 must be divided to obtain a perfect cube.
a) 2
b) 3
c) 4
d) 5

*****Answer Key*****

1. a
2. b
3. c
4. d
5. b
6. a
7. c
8. b
9. c
10. a