

Cubes and Cube Roots Class 8 MCQs

1. Which of the following numbers is a perfect cube?

- (a) 125
- (b) 36
- (c) 75
- (d) 100.

2. Which of the following numbers is a cube number?

- (a) 1000
- (b) 400
- (c) 100
- (d) 600.

3. Which of the following numbers is not a perfect cube?

- (a) 1331
- (b) 512
- (c) 343
- (d) 100.

4. Which of the following numbers is not a cube number?

- (a) 10000
- (b) 3125
- (c) 64
- (d) 729.

5. The cube of an odd natural number is

- (a) even
- (b) odd
- (c) may be even, may be odd
- (d) prime number.

6. The cube of an even natural number is

- (a) even
- (b) odd
- (c) may be even, may be odd
- (d) prime number.

7. The one's digit of the cube of the number 111 is

- (a) 1
- (b) 2
- (c) 3
- (d) 9.

8. The one's digit of the cube of the number 242 is

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

9. The one's digit of the cube of the number 123 is

- (a) 3
- (b) 6
- (c) 9
- (d) 7.

10. The one's digit of the cube of the number 144 is

- (a) 1
- (b) 2
- (c) 3
- (d) 4.

11. The one's digit of the cube of the number 50 is

- (a) 1
- (b) 0
- (c) 5
- (d) 4.

12. The one's digit of the cube of the number 326 is

- (a) 2
- (b) 3
- (c) 6
- (d) 4.

13. The one's digit of the cube of the number 325 is

- (a) 2
- (b) 5
- (c) 3
- (d) 6.

14. The one's digit of the cube of the number 347 is

- (a) 3
- (b) 4
- (c) 7
- (d) 1.

15. The one's digit of the cube of the number 68 is

- (a) 1
- (b) 2
- (c) 6
- (d) 8.

16. The one's digit of the cube of the number 249 is

- (a) 2
- (b) 4
- (c) 9
- (d) 1.

17. What is the one's digit in the cube root of the cube number 1331 ?

- (a) 1
- (b) 2
- (c) 3
- (d) 4

18. What is the one's digit in the cube root of the cube number 1000000 ?

- (a) 0
- (b) 1
- (c) 2
- (d) 9.

19. What is the one's digit in the cube root of the cube number 1728 ?

- (a) 1
- (b) 2
- (c) 3
- (d) 9.

20. What is the one's digit in the cube root of the cube number 2197?

- (a) 1
- (b) 2
- (c) 3
- (d) 7.

21. What is the one's digit in the cube root of the cube number 2744?

- (a) 1
- (b) 2
- (c) 3
- (d) 4.

22. What is the one's digit in the cube root of the cube number 3375?

- (a) 2
- (b) 3
- (c) 5
- (d) 4.

23. What is the one's digit in the cube root of the cube number 4096?

- (a) 2
- (b) 6
- (c) 4
- (d) 9.

24. What is the one's digit in the cube root of the cube number 4913?

- (a) 7
- (b) 9
- (c) 3
- (d) 6.

25. What is the one's digit in the cube root of the cube number 5832?

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

26. What is the one's digit in the cube root of the cube number 6859?

- (a) 7
- (b) 8
- (c) 9
- (d) 6.

27. What is the one's digit in the cube root of the cube number 8000?

- (a) 0
- (b) 2
- (c) 4
- (d) 8.

28. The number of zeroes at the end of the cube of the number 20 is

- (a) 1
- (b) 2
- (c) 3
- (d) 6.

29. The number of zeroes at the end of the cube root of the cube number 1000 is

- (a) 1
- (b) 2
- (c) 3
- (d) 4.

30. The number of zeroes at the end of the cube of the number 100 is

- (a) 1
- (b) 2
- (c) 4
- (d) 6.

31. The number of zeroes at the end of the cube root of the cube number 8000000 is

- (a) 1
- (b) 2
- (c) 3
- (d) 6.

32. Find the smallest number by which the number 108 must be multiplied to obtain a perfect cube.

- (a) 2
- (b) 3
- (c) 4
- (d) 5.

33. 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.

34. Find the smallest number by which the number 72 must be multiplied to obtain a perfect cube.

- (a) 2
- (b) 3
- (c) 4
- (d) 6.

35. Find the smallest number by which the number 375 must be divided to obtain a perfect cube.

- (a) 2
- (b) 3
- (c) 5
- (d) 4.

36. Find the smallest number by which the number 100 must be multiplied to obtain a perfect cube.

- (a) 5
- (b) 2
- (c) 4
- (d) 10.

37. Find the smallest number by which the number 10000 must be divided to obtain a perfect cube.

- (a) 2
- (b) 5
- (c) 10
- (d) 100

38. Find the smallest number by which the number 200 must be multiplied to obtain a perfect cube.

- (a) 2
- (b) 10
- (c) 5
- (d) 100.

39. Find the smallest number by which the number 625 must be divided to obtain a perfect cube.

- (a) 3
- (b) 5
- (c) 25
- (d) 125.

40. Find the smallest number by which the number 128 must be multiplied to obtain a perfect cube.

- (a) 2
- (b) 4
- (c) 3
- (d) 8.

41. Find the smallest number by which the number 256 must be divided to obtain a perfect cube.

- (a) 2
- (b) 4
- (c) 8
- (d) 16.

42. Find the smallest number by which the number 36 must be multiplied to obtain a perfect cube.

- (a) 6
- (b) 2
- (c) 3
- (d) 4.

43. Find the smallest number by which the number 1296 must be divided to obtain a perfect cube.

- (a) 6
- (b) 2
- (c) 4
- (d) 3.

44. Find the smallest number by which the number 392 must be multiplied to obtain a perfect cube.

- (a) 3
- (b) 5
- (c) 7
- (d) 6.

45. Find the smallest number by which the number 2401 must be divided to obtain a perfect cube.

- (a) 7
- (b) 6
- (c) 5
- (d) 9.

46. Find the smallest number by which the number 121 must be multiplied to obtain a perfect cube.

- (a) 7
- (b) 9
- (c) 11
- (d) 5.

47. Find the smallest number by which the number 88 must be divided to obtain a perfect cube.

- (a) 11
- (b) 5
- (c) 7
- (d) 9.

48. The volume of a cube is 64 cm^3 . The edge of the cube is

- (a) 4 cm
- (b) 8 cm
- (c) 16 cm
- (d) 6 cm.

49. Apala makes a cuboid of plastic of sides 5 cm, 4 cm, 2 cm. How many such cuboids will be needed to form a cube?

- (a) 20
- (b) 25
- (c) 10
- (d) 16.

50. Which of the following is false?

- (a) Cube of any odd number is odd
- (b) A perfect cube does not end with three zeroes
- (c) The cube of a single digit number may be a single digit number
- (d) There is no perfect cube which ends with 8.