

RS Aggarwal Solutions for Class 8 Maths Chapter 4 Exercise 4.4: Here, we have provided RS Aggarwal Solutions for Class 8 Maths Chapter 4 Exercise 4.4 to assist students in their exam preparation. This exercise focuses on cubes and cube roots provide detailed explanations for each problem.

These solutions are designed to help students grasp the concepts of cubes and cube roots more effectively. By working through these problems, students can practice and understand how to apply these concepts in various scenarios. Accessing the solutions will clarify any doubts and enhance their problem-solving skills, ultimately aiding in better performance during exams.

[CBSE Compartment Result 2024](#)

RS Aggarwal Solutions for Class 8 Maths Chapter 4 Exercise 4.4 Overview

RS Aggarwal Solutions for Class 8 Maths Chapter 4 Exercise 4.4 prepared by the subject experts from Physics Wallah provide an overview of cubes and cube roots.

This resource aims to enhance problem-solving skills, clarify doubts, and strengthen foundational knowledge in preparation for exams.

RS Aggarwal Solutions for Class 8 Maths Chapter 4 Exercise 4.4 PDF

The PDF for RS Aggarwal Solutions for Class 8 Maths Chapter 4 Exercise 4.4 is available below. This PDF provides detailed explanations and step-by-step solutions for problems related to cubes and cube roots. It is designed to help students grasp the concepts thoroughly and practice effectively.

By referring to this PDF, students can work through various exercises, clear their doubts, and improve their understanding of the topic. This will be valuable for enhancing their exam preparation and achieving better results.

[RS Aggarwal Solutions for Class 8 Maths Chapter 4 Exercise 4.4 PDF](#)

RS Aggarwal Solutions for Class 8 Maths Chapter 4 Cubes and Cube Roots (Exercise 4D) Exercise 4.4

The RS Aggarwal Solutions for Class 8 Maths Chapter 4 Exercise 4.4 are available in the PDF below. This resource provide thorough solutions and explanations for problems on cubes and cube roots.

Using this PDF students can explore detailed steps and methodologies for solving various exercises. It help in reinforcing their grasp of the concepts addressing any uncertainties, and practicing effectively. This will ultimately support better exam preparation and enhance overall academic performance.

Question 1: Which of the following is a cube of an integer?

- (a) 125
- (b) 343
- (c) 216
- (d) 512

Solution:

216 is a cube of an integer (6). Therefore, the answer is (c) 216.

Question 2: Which of the following is a cube of an integer?

- (a) 729
- (b) 1331
- (c) 1000
- (d) 1728

Solution:

1331 is a cube of an integer (11). Therefore, the answer is (b) 1331.

Question 3: Which of the following is a cube of an integer?

- (a) 4
- (b) 16
- (c) 8
- (d) 32

Solution:

8 is a cube of an integer (2). Therefore, the answer is (c) 8.

Question 4: Which of the following is a cube of an integer?

- (a) 10
- (b) 15
- (c) 20
- (d) 25

Solution:

20 is a cube of an integer (2). Therefore, the answer is (c) 20.

Question 5: What is the cube root of $\frac{4}{7}$?

- (a) $\frac{2}{5}$
- (b) $\frac{4}{7}$
- (c) $\frac{3}{8}$
- (d) $\frac{5}{9}$

Solution: The cube root of $\frac{4}{7}$ is $\frac{4}{7}$. Therefore, the answer is (b) $\frac{4}{7}$.

Question 6: What is the cube root of $-\frac{8}{9}$?

- (a) $-\frac{4}{7}$
- (b) $-\frac{8}{9}$
- (c) $-\frac{2}{3}$
- (d) $-\frac{1}{2}$

Solution:

The cube root of $-\frac{8}{9}$ is $-\frac{8}{9}$. Therefore, the answer is (b) $-\frac{8}{9}$.

Question 7: Which of the following is a cube of an integer?

- (a) 27
- (b) 81
- (c) 9
- (d) 3

Solution:

9 is a cube of an integer (3). Therefore, the answer is (c) 9.

Question 8: Which of the following is a cube of an integer?

- (a) 8
- (b) 27
- (c) 9
- (d) 1

Solution:

9 is a cube of an integer (3). Therefore, the answer is (c) 9.

Question 9: Which of the following is a cube of an integer?

- (a) $\frac{3}{4}$
- (b) $\frac{5}{6}$
- (c) $\frac{197}{1000}$
- (d) $\frac{256}{625}$

Solution:

$\frac{197}{1000}$ is a cube of an integer. Therefore, the answer is (c) $\frac{197}{1000}$.

Question 10: Which of the following is a cube of an integer?

- (a) 0.64
- (b) 0.343
- (c) 0.512
- (d) 0.729

Solution:

0.512 is a cube of an integer (0.8). Therefore, the answer is (c) 0.512.

Benefits of RS Aggarwal Solutions for Class 8 Maths

Chapter 4 Exercise 4.4

- **Clear Guidance:** The RS Aggarwal Solutions for Exercise 4.4 provide step-by-step guidance for solving problems involving cubes and cube roots. This detailed approach helps students follow the process more easily and understand each concept thoroughly.
- **Deepens Understanding:** By studying these solutions students gain a clearer understanding of how to handle cube and cube root problems.
- **Effective Practice Tool:** These solutions act as a valuable practice resource. Students can use them to work through various problems which reinforces their learning and helps them become more proficient in solving similar questions.
- **Doubt Resolution:** The comprehensive explanations help resolve common doubts and clarify difficult concepts. Seeing each step broken down makes it easier for students to grasp the material and address any confusion they might have.
- **Boosts Exam Readiness:** Regular use of these solutions prepares students for their exams by familiarizing them with the types of problems they will face. This preparation can enhance their performance and boost their confidence.
- **Improves Efficiency:** The solutions illustrate effective problem-solving techniques, helping students manage their time better during exams. Learning how to solve problems quickly and correctly is crucial for completing tests efficiently.