Cube Roots Around Us!

ASSIGNMENT WORKSHEET

Name: _____ Grade & Section: _____ Date: _____

Hello, Math Explorer!
Let's discover how cube roots are used in everyday life and apply our knowledge in solving equations involving cube roots.

PART A. CUBE ROOTS AROUND US!

Instructions: Identify three real-life objects or situations where cube roots can be used to determine measurements. At least one example must involve a cube-shaped object.

No.	Real-Life Object or Situation	How Can Cube Roots Be Used?
1.		
2.		
3.		

PART B. THINK, SOLVE, AND REFLECT!

Read and solve the problem below. Then, answer the reflection question in 2–3 sentences.



A cube-shaped storage box has a volume of 512 cubic centimeters. Lets represent the length of one side of the box.

1. Write an equation involving a cube root to represent the situation.
2. Solve the equation to determine the side length of the box.
3. In 2–3 sentences, explain why knowing how to solve equations involving cube roots is useful in daily life.

Your Answer:

1. _____
2. _____
3. _____
_____
_____





LIVEWORKSHEETS