|  |
| --- |
| Resultado de imagem para turquia bandeiraSmart School for Smart AgeLesson plan - Erasmus + |
| **Subject: Mathematics** |
| **Number of lessons: 1** |
| **Teachers: Murat AVANOĞLU** |
| **Topic: Cube Roots** |
| **Key words: cubes, cube roots , square roots** |
| **Lessons objectives:** Solve simple cube root equations.Identify equations of both types with whole number solutions, irrational solutions, and no real solutions.  |
| **Resources**­- Computers with internet access; -Multimedia projects;- Tablets with internet access;- Mobile Phones with internet access |
| **Lessons sequence/activity**Cube Roots with Khan Academy(1 Lesson)Practice (1 Lesson)Quiz (2 Lesson) |
| **Web Tools**[https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:rational-exponents-radicals/x2f8bb11595b61c86:radicals/v/introduction-to-cube-roots](https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86%3Arational-exponents-radicals/x2f8bb11595b61c86%3Aradicals/v/introduction-to-cube-roots) <https://study.com/academy/lesson/how-to-find-the-cube-root-of-a-number.html>  |  |
|  |  |
|  |  |





Smart School for Smart Age

**Lesson-Cube Roots**

**Sentences to Inequalities**

|  |  |
| --- | --- |
| **1.** | **Learn-** Intro to cube roots: (Lesson 1)[https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:rational-exponents-radicals/x2f8bb11595b61c86:radicals/v/introduction-to-cube-roots](https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86%3Arational-exponents-radicals/x2f8bb11595b61c86%3Aradicals/v/introduction-to-cube-roots)Cube and Square Roots Summary (1):<https://math.osu.edu/sites/math.osu.edu/files/SimplifyingSquareAndCubeRoots.pdf>Cube and Square Roots Summary (2):<http://www.germanna.edu/wp-content/uploads/tutoring/handouts/Square-Cubes-and-Their-Roots.pdf>Cube roots review : <https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-roots/a/cube-roots-review> Cubes & Cube Roots | Math tables, Number cubes, Cubes math |
| **2.** | **Pratice** Cube roots:[https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:rational-exponents-radicals/x2f8bb11595b61c86:radicals/e/cube\_roots](https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86%3Arational-exponents-radicals/x2f8bb11595b61c86%3Aradicals/e/cube_roots)  |
| **3.** | **Quiz** Square and Cube Roots:<https://www.cliffsnotes.com/study-guides/algebra/algebra-i/preliminaries-and-basic-operations/quiz-square-roots-and-cube-roots><https://www.proprofs.com/quiz-school/story.php?title=square-cube-roots-quiz> Roots Squares Cubes Square Cube Root Worksheet - sumnermuseumdc.org  |