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Resource ID#: 131246

Primary Type: Tutorial

Direct Link: <https://www.khanacademy.org/math/cc-eighth-grade-math/cc-8th-numbers-operations/cc-8th-roots/v/introduction-to-square-roots>

Introduction to square roots

Students will learn about the square root symbol (the principal root) and what it means to find a square root. Students will also learn how to solve simple square root equations.

General Information

Subject(s): Mathematics

Grade Level(s): 8

Intended Audience: [Educators](#), [Students](#)

Instructional Time: 6 Minute(s)

Suggested Technology: Computers for Students, Internet Connection, Speakers/Headphones

Keywords: square roots, principal root, positive, negative, radical

Instructional Component Type(s): [Tutorial](#)

Instructional Design Framework(s): [Demonstration](#)

Resource Collection: Secondary Math specific existing tutorials

Source and Access Information

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Name of Author/Source: Khan Academy

District/Organization of Contributor(s): Leon

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Aligned Standards

Name	Description
MAFS.8.EE.1.2:	Use square root and cube root symbols to represent solutions to equations of the form $x^2 = p$ and $x^3 = p$, where p is a positive rational number. Evaluate square roots of small perfect squares and cube roots of small perfect cubes. Know that $\sqrt{2}$ is irrational.