



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.A.2 - Worksheet #21569

Name: _____

Standard: **CCSS.Math.Content.8.EE.A.2**

Description: 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.

Evaluate Cube Roots of Perfect Squares:

| | |
|-------------------------|--------------------------|
| 1. $\sqrt[3]{59319} =$ | 6. $\sqrt[3]{125000} =$ |
| 2. $\sqrt[3]{314432} =$ | 7. $\sqrt[3]{8} =$ |
| 3. $\sqrt[3]{778688} =$ | 8. $\sqrt[3]{884736} =$ |
| 4. $\sqrt[3]{17576} =$ | 9. $\sqrt[3]{343} =$ |
| 5. $\sqrt[3]{373248} =$ | 10. $\sqrt[3]{343000} =$ |

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