



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.A.2 - Worksheet #21578

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. $\sqrt[3]{250047} =$ | 6. $\sqrt[3]{1000000} =$ |
| 2. $\sqrt[3]{195112} =$ | 7. $\sqrt[3]{205379} =$ |
| 3. $\sqrt[3]{110592} =$ | 8. $\sqrt[3]{21952} =$ |
| 4. $\sqrt[3]{216000} =$ | 9. $\sqrt[3]{830584} =$ |
| 5. $\sqrt[3]{3375} =$ | 10. $\sqrt[3]{27} =$ |

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