



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.A.2 - Worksheet #21507

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. $\sqrt[3]{857375} =$	6. $\sqrt[3]{97336} =$
2. $\sqrt[3]{287496} =$	7. $\sqrt[3]{140608} =$
3. $\sqrt[3]{343000} =$	8. $\sqrt[3]{5832} =$
4. $\sqrt[3]{32768} =$	9. $\sqrt[3]{614125} =$
5. $\sqrt[3]{132651} =$	10. $\sqrt[3]{493039} =$

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