



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.A.2 - Worksheet #21576

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. $\sqrt[3]{32768} =$	6. $\sqrt[3]{216} =$
2. $\sqrt[3]{125} =$	7. $\sqrt[3]{474552} =$
3. $\sqrt[3]{29791} =$	8. $\sqrt[3]{512} =$
4. $\sqrt[3]{4096} =$	9. $\sqrt[3]{804357} =$
5. $\sqrt[3]{117649} =$	10. $\sqrt[3]{704969} =$

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