



## Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.A.2 - Worksheet #21577

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. $\sqrt[3]{103823} =$	6. $\sqrt[3]{110592} =$
2. $\sqrt[3]{64000} =$	7. $\sqrt[3]{216000} =$
3. $\sqrt[3]{148877} =$	8. $\sqrt[3]{421875} =$
4. $\sqrt[3]{941192} =$	9. $\sqrt[3]{140608} =$
5. $\sqrt[3]{12167} =$	10. $\sqrt[3]{314432} =$

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