

Study Guide: Perfect Squares/Cubes, Roots, Rational vs. Irrational, and Estimating
Watch Videos in USA Test Prep as needed to help prepare
Test will be Monday – September 15, 2014

Evaluate.

MCC8.EE.2 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.

1. 12^2

2. 9^3

3. $\sqrt{361}$

4. 9^3

5. $\sqrt[3]{216}$

6. $\sqrt{900}$

7. $\sqrt[3]{512}$

a. 6

b. 8

c. 12

8. $\sqrt{25}$

9. $\sqrt{4} + \sqrt{16}$

10. $\sqrt{4 + 16}$

