Content Standard	***MAFS.8.EE*** *Expressions and Equations* ***MAFS.8.EE.1*** *Work with radicals and integer exponents.* ***MAFS.8.EE.1.2*** 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.
Assessment Limits	Square roots and cube roots may be used to represent solutions to equations. Radicands may be rational or irrational. Radicands may not include variables.
Calculator	Neutral
Item Types	Equation Editor Matching Item Multiple Choice Multiselect
Context	Allowable

Sample Item	Item Type
What is the value of p in the equation shown? $p^3 = 0.064$	Equation Editor
A cube with an edge of length s has a volume of 64 units. What is the length of the edge?	Equation Editor

Equation Editor

A square is cut in half on the diagonal, creating two equal triangles. Each triangle has an area of 0.32 square units.

What is the side length, in units, of the original square?