



0.895

Archimedes was a Greek scientist. One story about king's crown to determine if it was real gold. To do this, he filled a container with water and placed the crown in the water. If the container held 1.0 liter (l) of water, and the water rose to 1.895 liters, what was the volume, in liters, of the crown?

Sample GR Item

Answer

# FCAT SCIENCE

## PLANNING CARDS Grade 8

### BENCHMARK SC.A.1.3.1.

<b>Item Type(s)</b>	MC, GR, SR
<b>Benchmark Clarification</b>	None specified.
<b>Content Limits</b>	<p>Items will NOT address properties of plasma.</p> <p>Items may require the student to calculate density.</p> <p>Items may require the student to use units to compare properties of matter.</p> <p>Items may require the student to understand how scales, balances, graduated cylinders, and thermometers are used to describe properties of substances.</p> <p>Items may require the student to calculate the volumes of cubes or rectangular solids using the length, width, and height.</p>
<b>Stimulus Attributes</b>	Items may provide the student with data in chart or graph form.
<b>Response Attributes</b>	Items will describe units in which the answer is to be given.