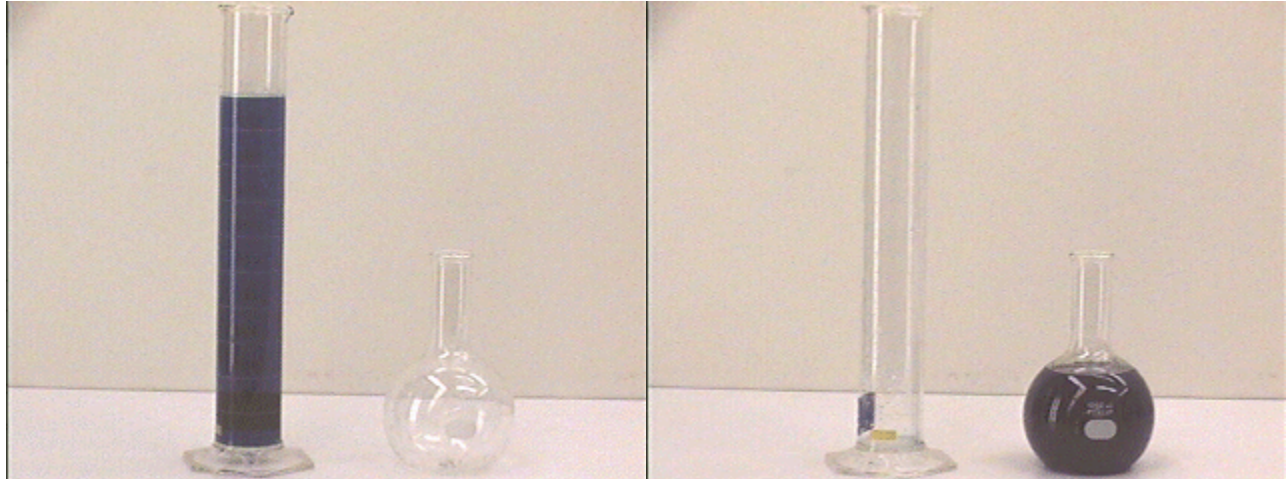


Answer #14

The answer is (a): the water will not quite fill up the sphere, as can be seen in the photographs below comparing the water in both the cylinder and the sphere.



It is rather unexpected that all of the water would fit into the apparently smaller sphere. A spherical container is a very efficient way to store liquids.

[Archive 1](#)

[Question of the Week](#)

[Outreach Index Page](#)

[Lecture-Demonstration Home Page](#)



For questions and comments regarding the *Question of the Week* contact [Dr. Richard E. Berg](#) by e-mail or using phone number or regular mail address given on the [Lecture-Demonstration Home Page](#).