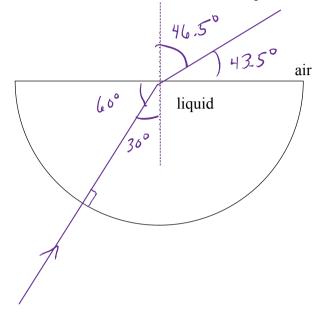
(10 pts.) Light of wavelength $\lambda = 632.8$ nm (in air) is incident on a semi-circular disk of radius 5 cm filled with an unknown liquid, as shown in the figure. The refracted ray exits the dish as shown. What is the index of refraction of the liquid?



LLAB

2. (10 pts.) Light of wavelength $\lambda = 632.8$ nm (in air) is incident on a semi-circular disk of radius 5 cm filled with an unknown liquid, as shown in the figure. The refracted ray exits the dish as shown. What is the index of refraction of the liquid?

