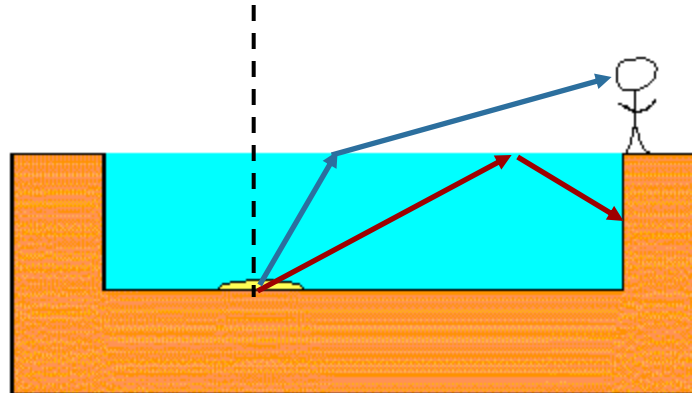


# Checkpoint 3



A light is shining at the bottom of a swimming pool (shown in yellow in the figure). A person is standing at the edge of the pool.



Can the person standing on the edge of the pool be prevented from seeing the light by total internal reflection at the water-air surface?

A. Yes  B. No

The light would go out in all directions, so only some of it would be internally reflected. The person would see the light that escaped after being refracted.

Draw some rays

Swimming Pool: Question 1 (N = 832)

