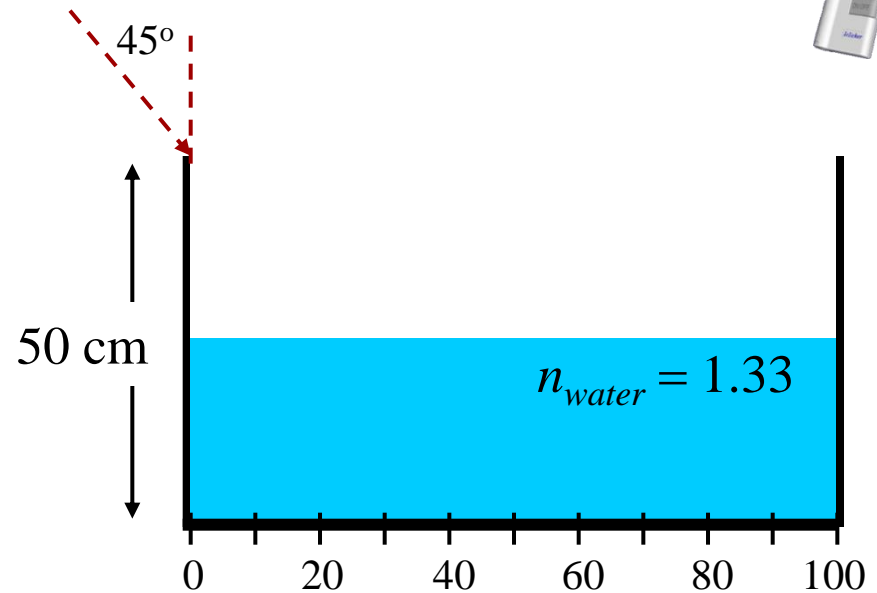


# Follow-Up



A meter stick lies at the bottom of a rectangular water tank of height 50cm. You look into the tank at an angle of  $45^\circ$  relative to vertical along a line that skims the top edge of the tank.



If the tank were half full of water, what number would the laser hit?  
(When full, it hit at 31.4 cm)

A) 25 cm

B) 31.4 cm

C) 32.0 cm

**D) 40.7 cm**

E) 44.2 cm