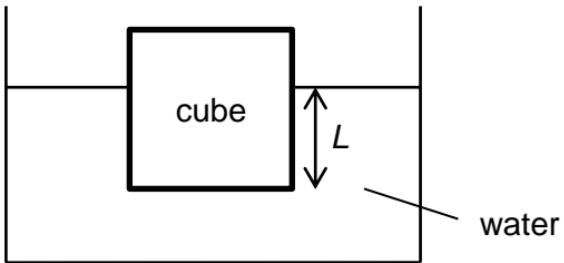


- 2 A cube of side 5.0 cm is floating on a tank of water as shown in the figure below. The density of the cube is 450 kg m^{-3} and the density of water is 1000 kg m^{-3} .



What is the submerged depth L of the cube?

A 2.3 cm

B 2.8 cm

C 4.0 cm

D 4.5 cm