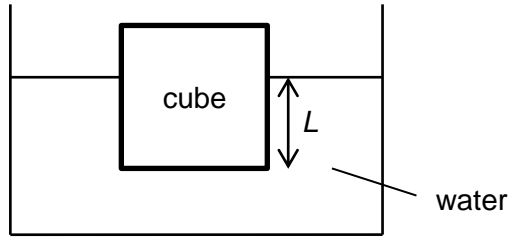


- 2** A cube of side 5.0 cm is floating on a tank of water as shown in the figure below. The density of the cube is 450 kg m^{-3} and the density of water is 1000 kg m^{-3} .



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