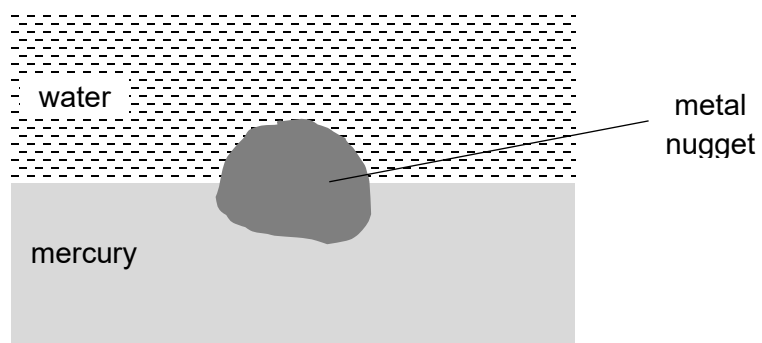


- 8 A metal nugget floats in between some water and mercury. The densities of the metal nugget, mercury and water are 7900 kg m^{-3} , 13600 kg m^{-3} and 1000 kg m^{-3} respectively.



What is the ratio of the volume of the nugget submerged in water to that in mercury?

- A** 0.541 **B** 0.826 **C** 0.924 **D** 1.21

