

7 A block of ice of density  $0.9 \text{ g cm}^{-3}$  is held below the surface of water, density  $1.0 \text{ g cm}^{-3}$ . The block of ice is then released and floats to the surface.

What is the ratio  $\frac{\text{upthrust when fully submerged}}{\text{upthrust when floating}}$ ?

A 0.1

B 0.9

C 1.0

D 1.1

