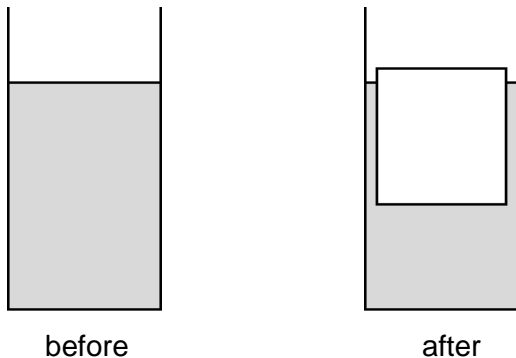


- 7 A cup contains 100 g of water. The pressure at the bottom of the cup is  $P$ .



50 g of water is removed from the cup, frozen into ice, and added back to the cup, as shown above. 10% of the volume of the ice is above the surface of the water.

What is the new pressure at the bottom of the cup?

- A**  $0.95P$                       **B**  $P$                       **C**  $1.05P$                       **D**  $1.10P$