

The temperature of water at the surface of a deep lake is 2°C . The temperature expected at the bottom is

0°C

2°C

4°C

6°C

Water at bottom of ~~for~~ lake is most dense. Also, density of water is maximum at 4°C .

As temperature is 2°C at surface, it can be ($\leq 4^{\circ}\text{C}$) at bottom.