

SC.912.L.18.12 – Properties of Water – Example 3 Answer

Why does ice stay at the top of oceans instead of sinking to the bottom?

- A. Ice is colder than liquid water.**
- B. Ice is less dense than liquid water.**
- C. Ice is more dense than liquid water.**
- D. Ice is warmer than liquid water.**

Answers

B. Ice is less dense than liquid water.

As water freezes, its molecules spread apart into a specific arrangement that makes frozen water less dense than liquid water.