

# Fresh vs Salt Water

Fresh water is found in ice, under ground, in lakes, rivers, and in the air.

Salt water is found in the ocean.

**Salinity** is the amount of salt dissolved in water

Even fresh water has some salinity.

Ocean water is on average 96.5% water, 3.5% salt.

Salt water is denser than fresh water and has a lower freezing temperature.

Read pg 368, 370 and 371

Read check (#1-5) on pg 371

# Boiling Point Demo

On a lined piece of paper make a prediction which of the following will have the highest boiling point. Record if your prediction was correct.

0.5 L tap water.

0.5 L tap water with 17.5g of salt dissolved in it (sea water equivalent)

0.5 L water with 35g of salt dissolved in it.