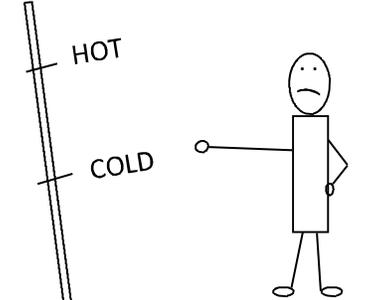


101.3 kPa
Air Pressure

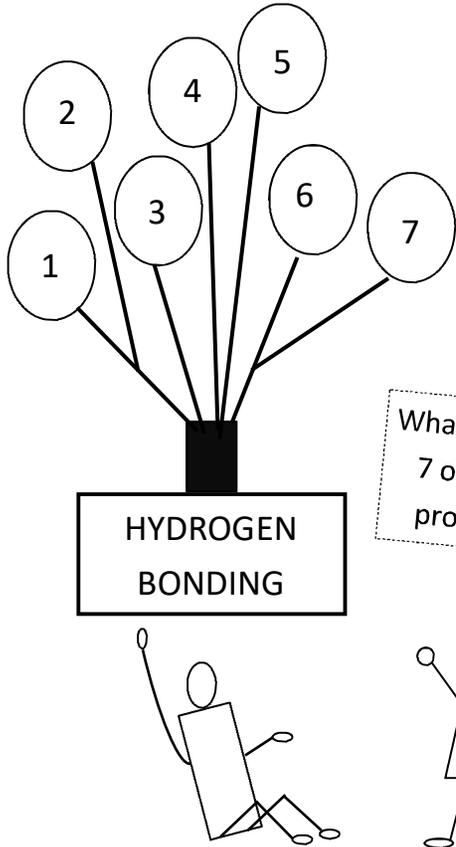
3
LOW VAPOR PRESSURE
Lots of Internal Attraction!
Or Hydrogen bonding



2
High Specific Heat Capacity Constant
 $C = 4.18 \text{ J/g}\cdot\text{K}$

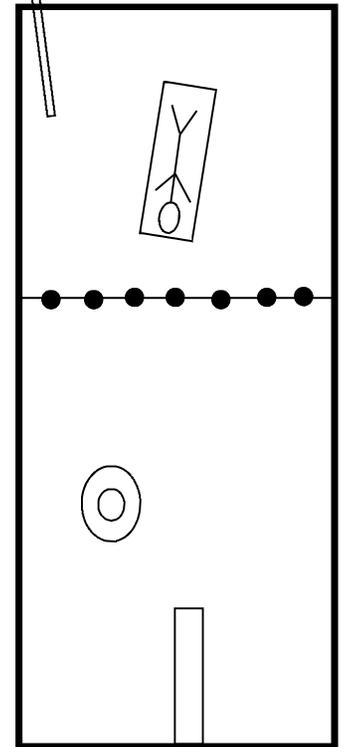
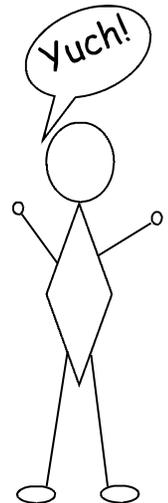
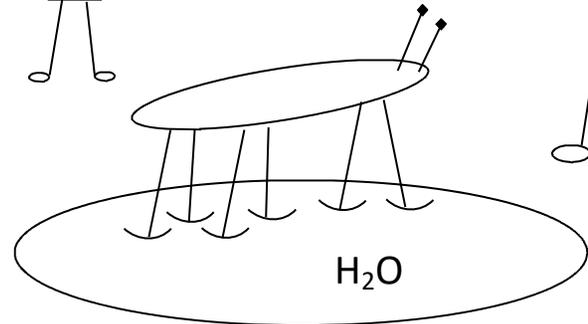


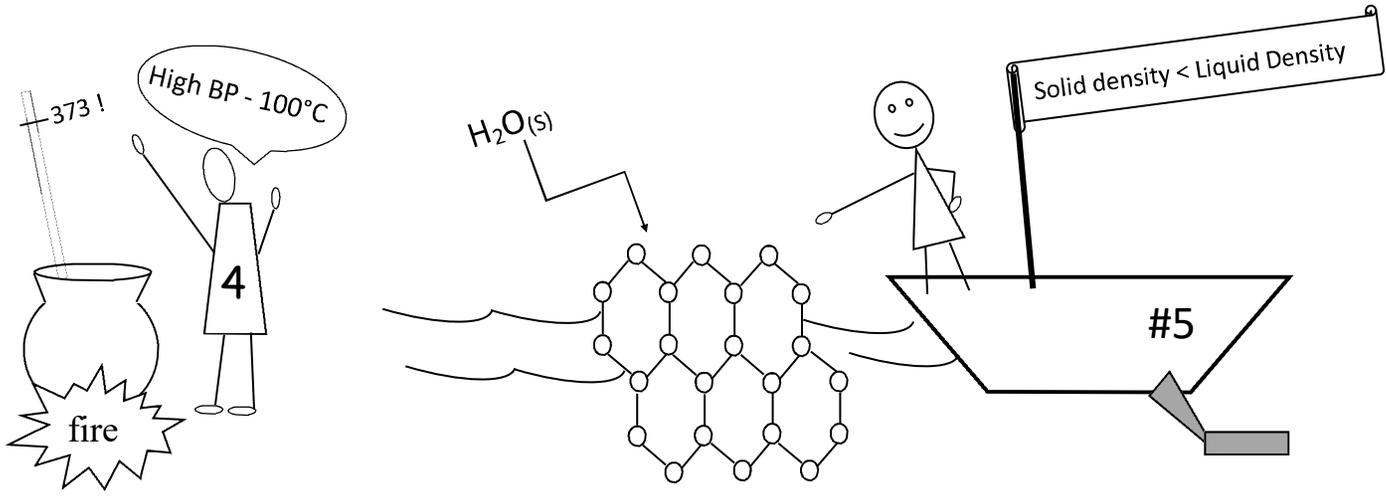
WATER



1

1. Surface Tension





Like Dissolves Like

Water is POLAR it only dissolves POLAR MOLECULAR COMPOUNDS or IONIC COMPOUNDS from Table F.

Ionic compounds form loose ions.

Molecular compounds form molecules.

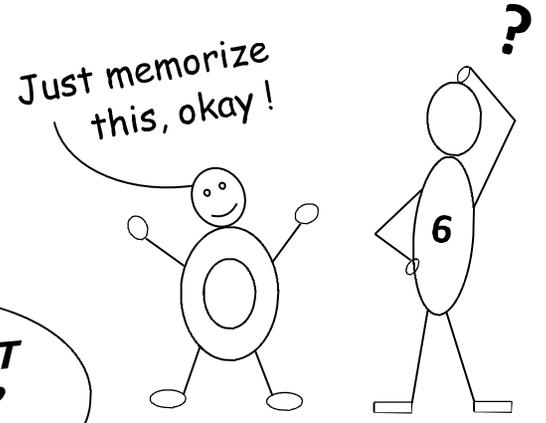
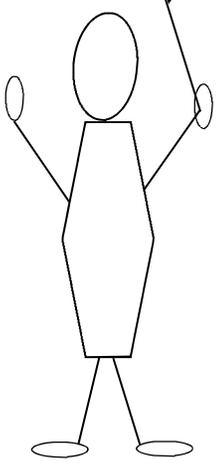
Both are invisible.

3 COLLIGATIVE PROPERTIES BELOW WITH THE TEMPERATURE ADJUSTMENTS!

Boiling Point— 0.50 K/mole particles per liter

Freezing Point— 1.86 K/mole particles per liter

Vapor Pressure—more particles = lower VP



WHAT'S THAT DOT MEAN?
Hydrogen bonded

