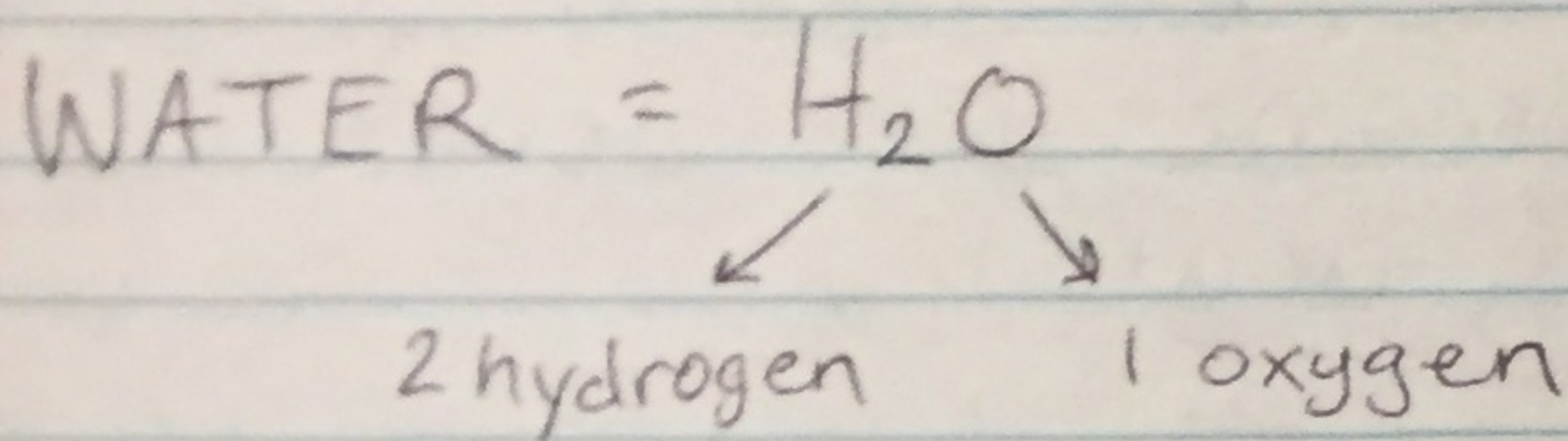


Properties of Water (2.2)



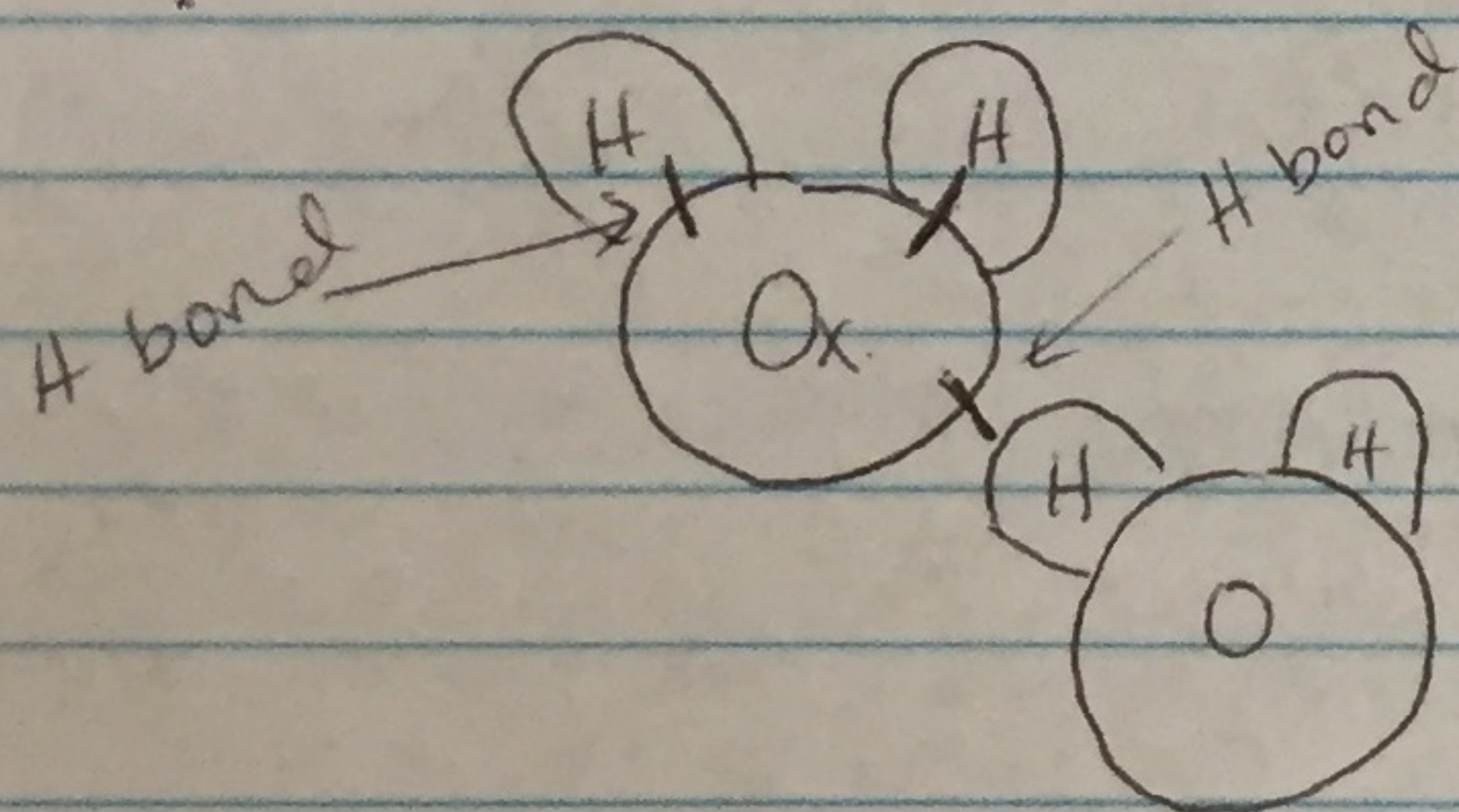
Water is...

* POLAR (slightly charged)

- H is a little +
- O is a little -
- likes other polar substances
- hates non-polar substances (oil)^(ex)

* Uses HYDROGEN BONDS

- between H and O



= high specific heat
(regulates temperature)

= * Cohesion

WATER to WATER
(creates surface tension)
(or)

adhesion

water to something else

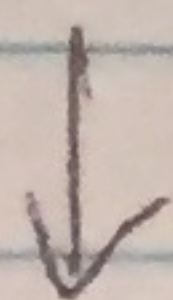
* The UNIVERSAL SOLVENT

- dissolves many solutes

Solvent = (water) dissolves the solute

Solute = dissolved in solvent (sugar)

Solution = homogenous mixture (sugar water)



* EXPANDS UPON FREEZING

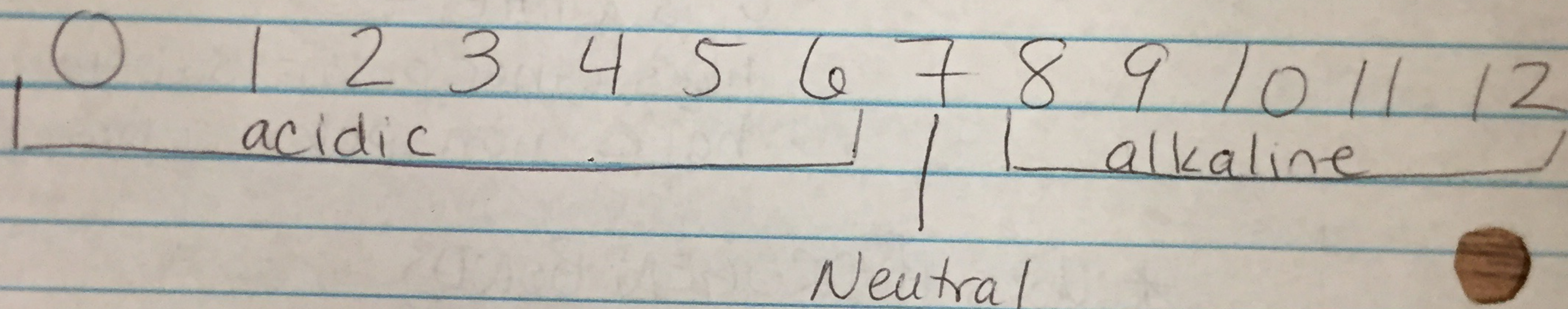
- becomes less dense
(ice floats)

pH scale

↳ measures the amount of H^+

↳ the more H^+ , the lower pH

↳ low pH = acidic



(Quiz 1 next class)
on water