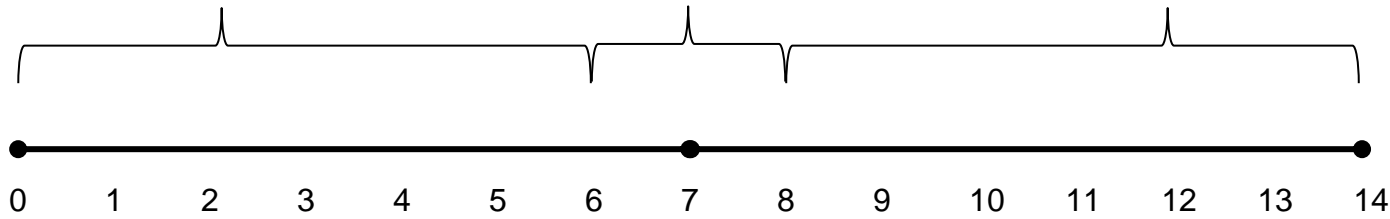


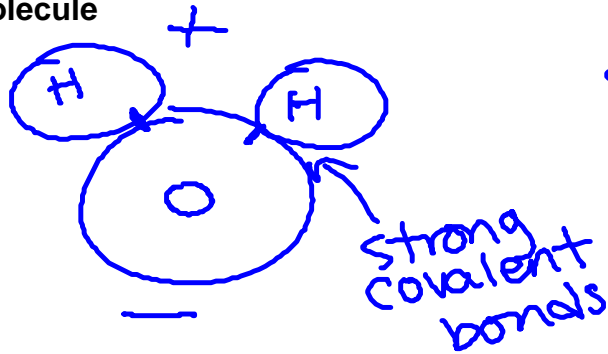
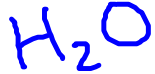
Water Property Notes

Exhibit	Water is able to...	This is important to life because...	Property Name
1	stick to itself stick to other substances	it can form droplets & stick to plants & dirt	cohesion adhesion
2	form a "skin" on its surface	small organisms can walk on its surface	Surface tension
3	dissolve most substances	it can speed up or help chemical rxns occur	universal solvent
4	"climb" up thin tubes	it makes it possible for plants to transport water roots → leaves	Capillary action
5	absorb a lot of heat without changing temp. much	Keeps organisms' bodies & environments' temp constant	high heat capacity
6	have a neutral (not acidic or basic) pH	water is not reactive ↳ stable for organisms	neutral pH
7	float (bec less dense) in solid form	stops bodies of water from freezing solid in winter	solid water (ice) low density

pH Scale – Label each range indicated above as acid, base, or neutral. List at least three examples of each under the scale.



Polarity of the Water Molecule



Polar: differences in charges on molecule

Hydrogen Bonding

