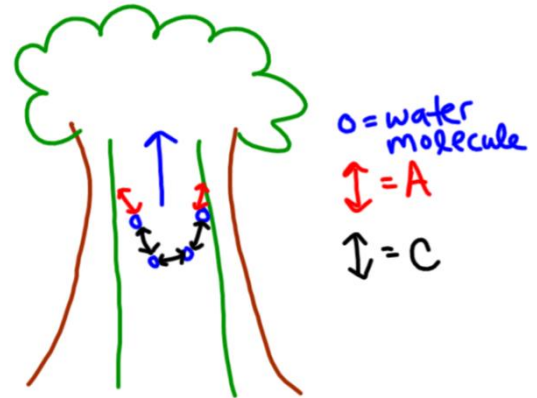


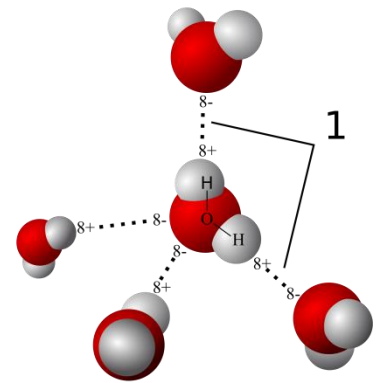
Target Practice, Unit 2 Test, Topic #2 – Properties of Water

For the questions below, choose from the following list of water properties: polar molecule, hydrogen bonding, cohesion, adhesion, excellent solvent, high heat capacity, less dense as a solid, capillary action, neutral pH, high surface tension

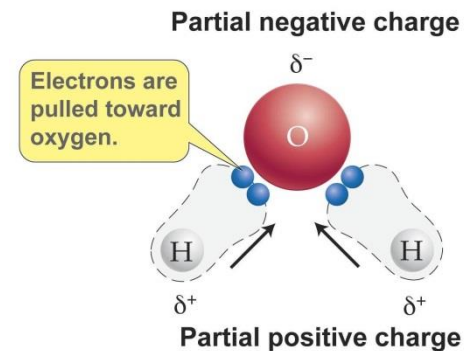
1. Which three properties of water are shown in the image to the right? Explain your choices.



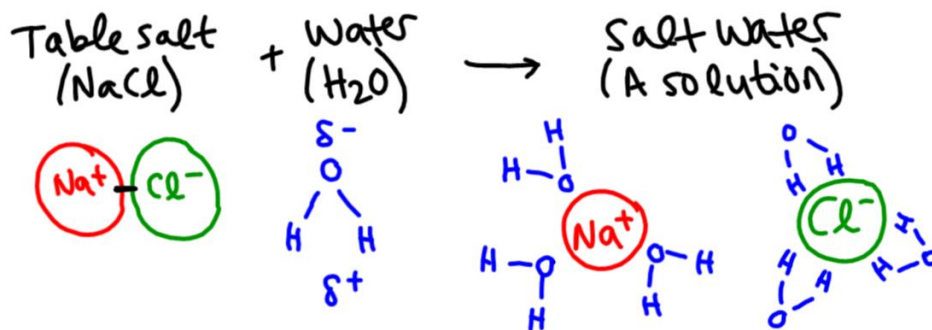
2. Which property of water is shown in the image to the right? Explain your choice.



3. Which property of water is shown in the image to the right? Explain your choice.

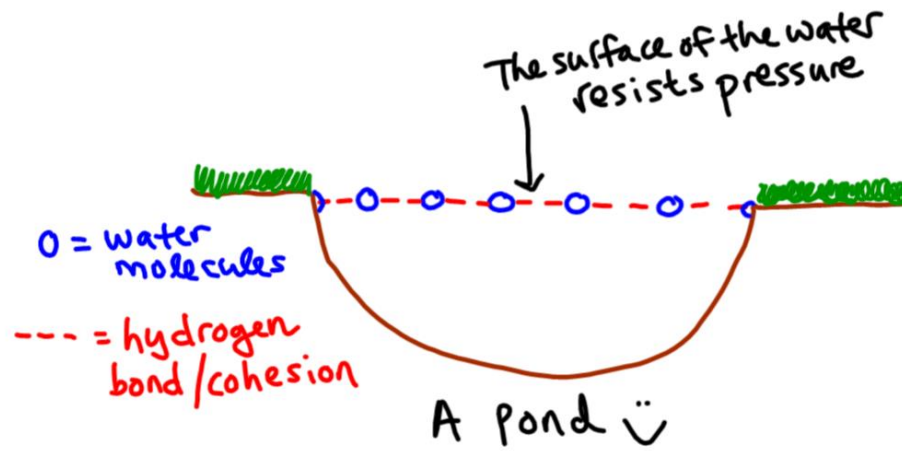


4. The image below shows table salt (NaCl) dissolving into water. In this situation, which substance (salt or water) is the solute, and which substance is the solvent? Explain your choice.



5. In the image above, how are water molecules able to “break apart” the sodium ion (Na^+) and chloride ion (Cl^-)?
 Hint: Take a look at how the water molecules arrange themselves around the Na^+ vs. the Cl^- .

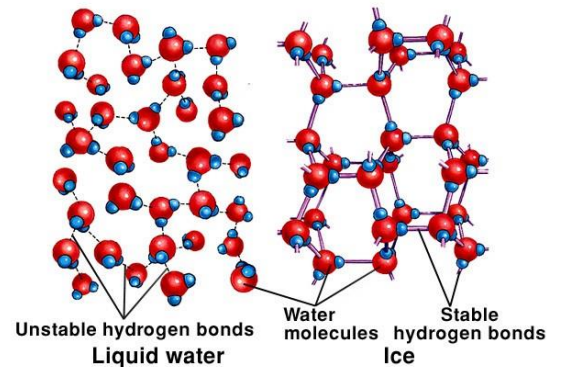
6. Which property of water is shown in the image to the right? Explain your choice.



7. Which property of water is shown in the image to the right? Explain your choice.

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Hydrogen Bonds in an Ice Crystal



8. Describe what is shown in the image to the right. Which property of water does this relate to?

