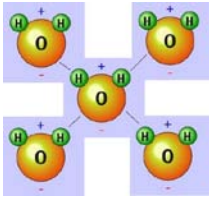


Properties of Water Summative Assessment

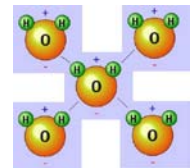
1. Water is composed of
 - a. 2 hydrogen and 1 oxygen atom
 - b. 1 hydrogen and 1 oxygen atom
 - c. 2 hydrogen and 2 oxygen atoms
 - d. 1 hydrogen and 2 oxygen atoms
2. Water molecules are attracted to other water molecules. This property of water is called:
 - a. Polarity
 - b. Adhesion
 - c. Cohesion
 - d. Capillarity
3. Liquid water moving through spaces such as small tubes, soil, or paper towels is called:
 - a. Adhesion
 - b. Cohesion
 - c. Capillary action
 - d. Surface tension
4. The pH of pure water is:
 - a. 1
 - b. 7
 - c. 10
 - d. 14
5. Which property of water allows a water strider to walk on water or a paper clip to float on water?
 - a. Polarity
 - b. Adhesion
 - c. Surface tension
 - d. Capillary Action
6. In a water molecule, the hydrogen atoms have a partial positive charge and the oxygen atoms have a partial negative charge. This makes the water molecule:
 - a. Polar
 - b. Static
 - c. Liquid
 - d. Non-polar
7. A meniscus on the surface of water in a small diameter glass cylinder is primarily the result of:
 - a. Adhesion
 - b. Cohesion
 - c. Surface tension
 - d. Capillary Action
8. The density of water is greatest when water is:
 - a. A solid
 - b. A liquid
 - c. A gas
 - d. Plasma
9. What property of water is most important for living organisms?
 - a. It is odorless
 - b. It is tasteless
 - c. It does not conduct electricity
 - d. It is liquid at most temperatures on Earth
10. Which property of water is shown below?



 - a. pH
 - b. Polarity
 - c. Adhesion
 - d. Solubility
11. A person fills a drinking glass with water until the water is bulging slightly over the glass rim. The property of water that prevents the water from spilling is
 - a. pH
 - b. Osmosis
 - c. Cohesion
 - d. Solubility

Properties of Water - KEY
Summative Assessment

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References:

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