

1. Water molecules are _____ to other water molecules.
2. Water molecules attracting other water molecules is called _____.
3. Cohesion of water molecules produces _____ tension making water seem like it has a "skin" on it. Surface tension enables some _____ to walk across the surface of the water.
4. Water molecules attracting other types of molecules is called _____.
5. Adhesion and cohesion together enable water molecules to move _____ through narrow tubes against the force of gravity.
6. The above property of water is called _____.
7. What is an organic compound?
8. Besides carbon, name 3 other elements that make up most organic compounds.
9. Carbon dioxide, CO_2 , is NOT an organic compound. Explain why.
10. Large carbon molecules are built from smaller, simpler molecules called _____.
11. Large carbon molecules made of monomers are called _____.
12. What type of reaction links monomers to make polymers?
13. Hydrolysis reactions involve the removal of a molecule of _____.
14. What reaction is used to breakdown polymers? Is water added or removed?
15. Name the 4 classes of macromolecules & tell what 3 elements all of these contain.
16. In what ratio are hydrogen & oxygen atoms in carbohydrates?
17. What are double sugars called? Name the process that forms them.
18. What forms a polysaccharide?
19. What chemical reaction formed this large molecule? What reaction would be needed to break these molecules?