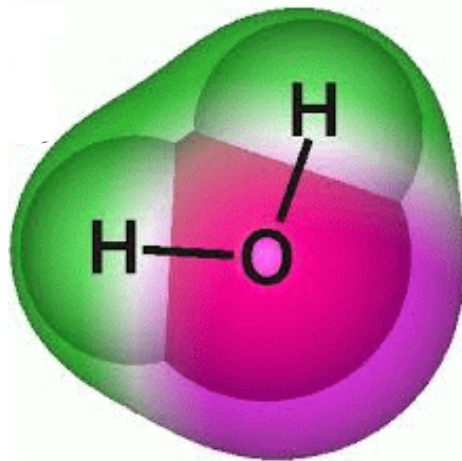


DALTON'S ATOMIC MODEL

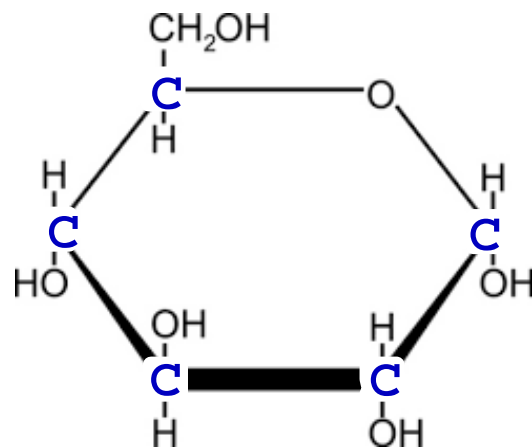
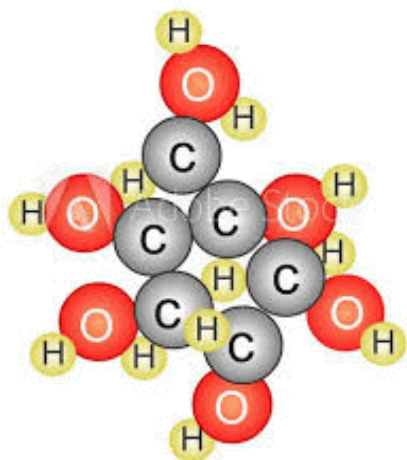
Dalton's atomic model is an improvement on the particle theory of matter.

1. All matter is made up of small particles called atoms.
2. Atoms cannot be created, destroyed, or divided into smaller particles.
3. All atoms of the same element are identical in mass and size. The atoms of one element are different in mass and size from the atoms of other elements.
4. Compounds are created when atoms of different elements link together in definite proportions.

Dalton made it possible to understand the periodic table and molecules



Water - contains hydrogen and oxygen



Glucose - contains carbon, hydrogen and oxygen

Dalton's model laid the basis for modern chemistry.