

1. A water molecule has the chemical formula H_2O . This means that the water molecule is made up of
 - a) Two hydrogen atoms and one oxygen atom
 - a) Two oxygen atoms and one hydrogen atom
 - b) Two hydrogen atoms and two oxygen atoms
 - c) Two molecules of water

2. The atoms in a water molecule are held together by covalent bonds. This means that the bonded atoms
 - a) Lose protons
 - b) Lose electrons
 - c) Share electrons
 - d) Switch neutrons

3. Water molecules are attracted to each other because
 - a) They are all positively charged
 - b) Each water molecule has the same number of protons as electrons
 - c) The positive area of one water molecule is attracted to the negative area of another
 - d) All water molecules are neutral

4. The water molecule is
 - a) Slightly negative near the hydrogen atoms and slightly positive near the oxygen atom
 - b) Slightly positive in all areas of the molecule
 - c) Slightly negative near the oxygen atom and slightly positive near the hydrogen atoms
 - d) The same charge in all areas of the molecule