

The chemical formula of water is H_2O . This means that the water molecule is made up of

- a) Two hydrogen atoms and one oxygen atom
- b) Two oxygen atoms and one hydrogen atom
- c) Two hydrogen atoms and two oxygen atoms
- d) Two molecules of water

Water can dissolve sodium chloride because

- a) The polar areas of water molecules attract the oppositely charged ions of sodium chloride
- b) The shape of the water molecules pushes the sodium and chloride ions apart
- c) The oxygen in the water molecules reacts with the sodium and chloride ions
- d) Water molecules and sodium chloride are covalently bonded

True or False?

Water is a polar molecule.

Calculate 1 mole of = -----g

