

Homework

Element

① An element is a pure chemical substance made of same type of atoms.

Compound

⊗ A compound contains atoms of diff. elements chemically combined in a fixed ratio.

Elements are made up of one kind of atoms.

Elements can't be broken.

Ex: H_2 , O_2

Compounds are made up of 2 or more kind of atoms.

Compounds can be broken.

Ex: H_2O , Sodium chloride.

(2)

Water is also a compound because it's made from more than one kind of element (oxygen & hydrogen). It's not a compound because it's made from atoms of only one element - oxygen. This type of molecule is called a diatomic molecule, a molecule made from 2 atoms of the same type.

