

# CAIE Chemistry IGCSE

## 2.1 Elements, compounds and mixtures

### Flashcards

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What is an element?  
Give examples of elements



What is an element? Give an example of an element

An element is a substance made up of only one type of atom.

Oxygen and copper are examples of an element



What is a compound?  
Give examples of a compound



What is a compound? Give examples of a compound

Compound is a substance made from two or more elements that have reacted with each other and formed chemical bonds between atoms.

Water ( $\text{H}_2\text{O}$ ), carbon dioxide ( $\text{CO}_2$ ) and sodium chloride ( $\text{NaCl}$ ) are compounds.



What is a mixture?  
Give an example of a mixture



## What is a mixture?

A mixture is a substance made up of two or more elements or compounds, but are not chemically bonded together.

Air (consisting of molecules such as nitrogen and oxygen) is an example of a mixture.

