

# Element, Compound or Mixture

1. State whether each substance below is an element, a compound or a mixture.

carbon dioxide

oxygen

nitric acid

air

nitrogen

hydrochloric acid

2. Complete the definitions using words from the box below.

An **element** is made up of \_\_\_\_\_ type of atom.

A **compound** is made up of \_\_\_\_\_ different atoms,  
\_\_\_\_\_ together.

A **mixture** is made up of \_\_\_\_\_ different atoms,  
\_\_\_\_\_ together.

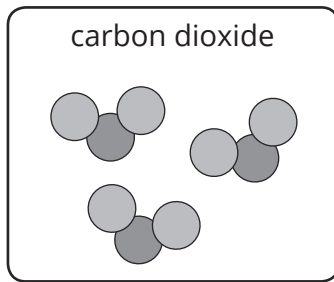
**two or more    two or more    only one    not chemically joined    chemically joined**

Learning Outcomes (tick if achieved)

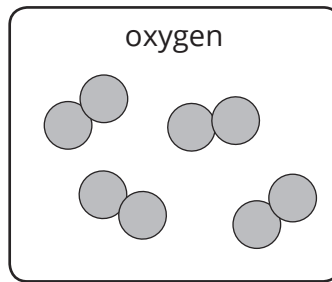
Q1	I can identify elements, compounds and mixtures	
Q2	I can describe elements, compounds and mixtures	

# Element, Compound or Mixture **Answers**

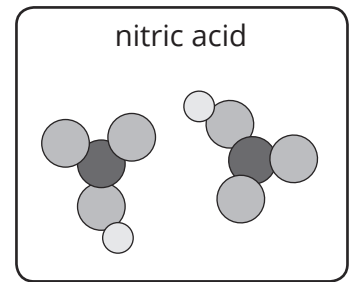
1. State whether each substance below is an element, a compound or a mixture.



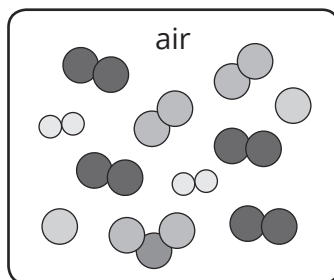
**compound**



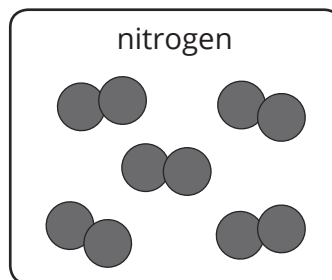
**element**



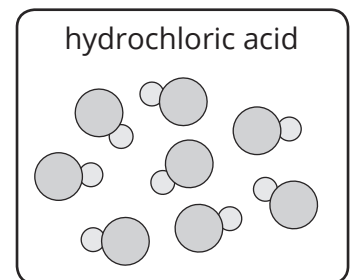
**compound**



**mixture**



**element**



**compound**

2. Complete the definitions using words from the box below.

An **element** is made up of only one type of atom.

A **compound** is made up of two or more different atoms, chemically joined together.

A **mixture** is made up of two or more different atoms, not chemically joined together.

**two or more    two or more    only one    not chemically joined    chemically joined**