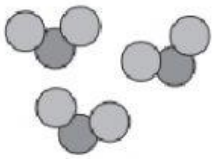
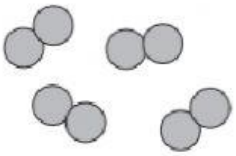
Element, Compound or Mixture

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

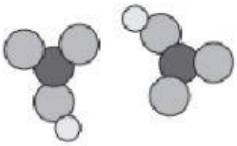
carbon dioxide



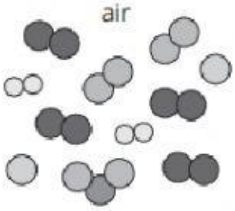
oxygen



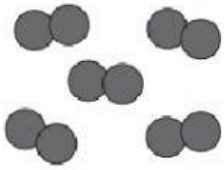
nitric acid



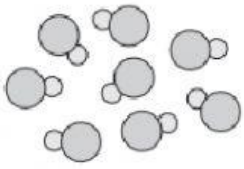
air



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**

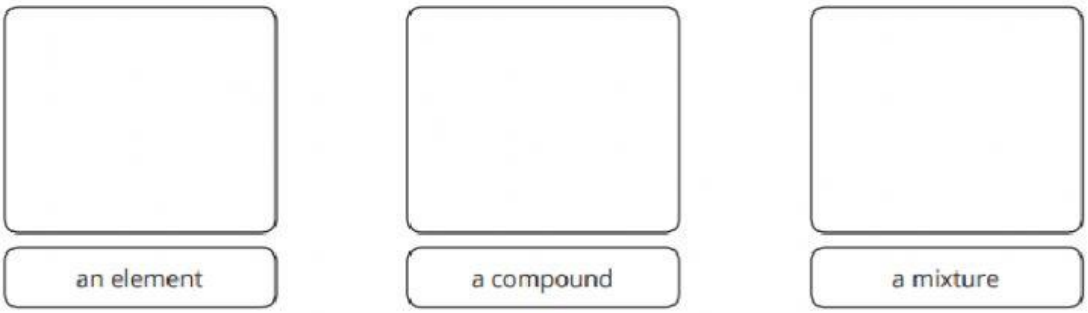
LIVEWORKSHEETS

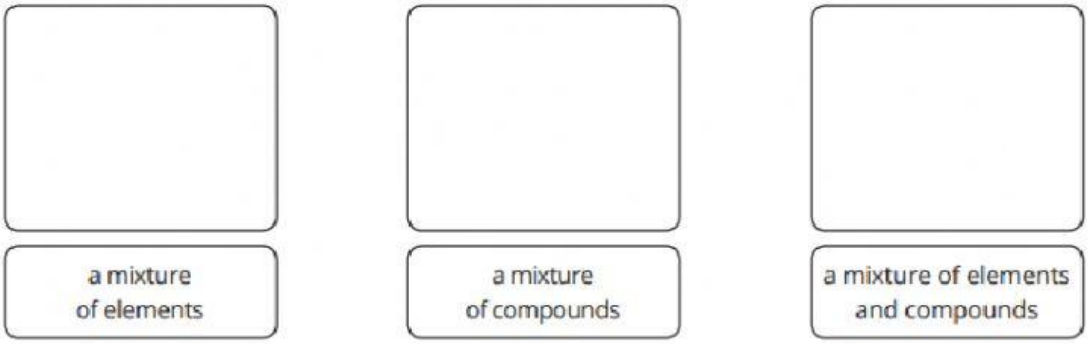
Element, Compound or Mixture

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

Substance	Chemical formulae	Element, compound or mixture?
oxygen	O_2	
sulphuric acid	H_2SO_4	
salt water	$NaCl + H_2O$	
magnesium oxide	MgO	
water	H_2O	
sodium carbonate	Na_2CO_3	

2. Use different shapes to draw a diagram to represent each substance.





LIVEWORKSHEETS