

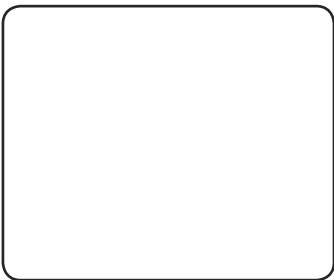


Element, Compound or Mixture

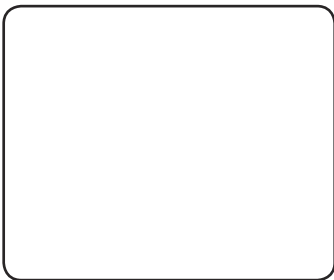
1. State whether each substance below is an element, a compound or a mixture.

Substance	Chemical formulae	Element, compound or mixture?
oxygen	O ₂	
sulphuric acid	H ₂ SO ₄	
salt water	NaCl + H ₂ O	
magnesium oxide	MgO	
water	H ₂ O	
sodium carbonate	Na ₂ CO ₃	

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



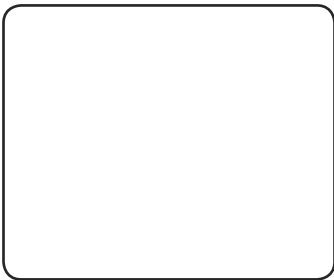
an element



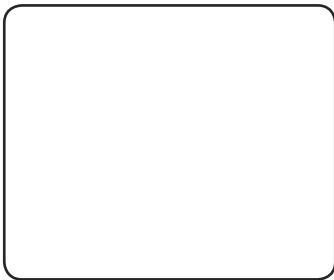
a compound



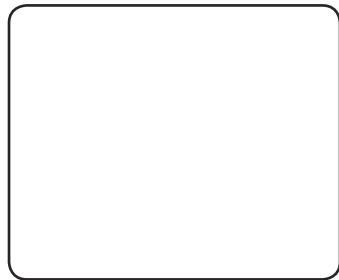
a mixture



a mixture
of elements



a mixture
of compounds



a mixture of elements
and compounds

Learning Outcomes (tick if achieved)

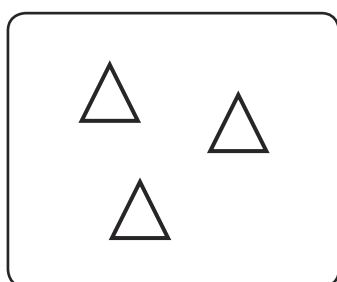
Q1	I can identify elements, compounds and mixtures	
Q2	I can describe elements, compounds and mixtures	

Element, Compound or Mixture **Answers**

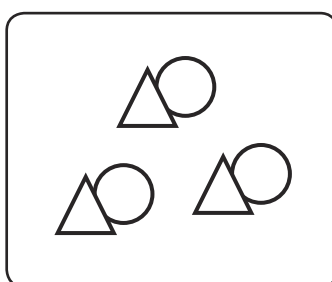
1. State whether each substance below is an element, a compound or a mixture.

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

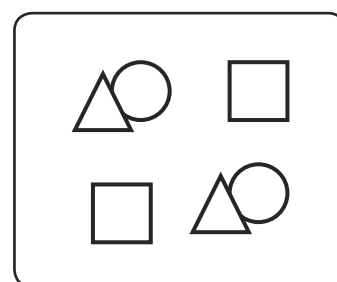
2. Use different shapes to draw a diagram to represent each substance.



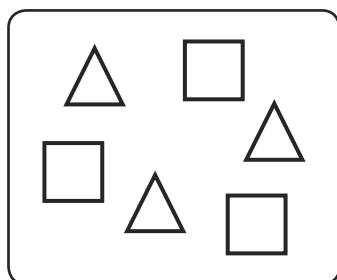
an element



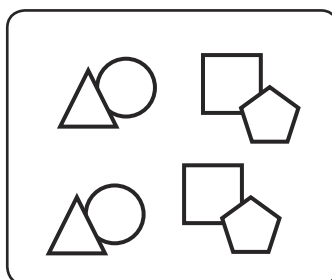
a compound



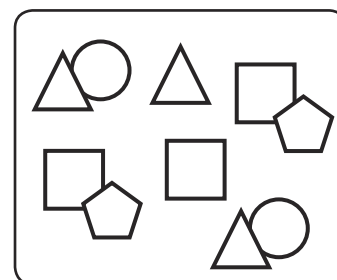
a mixture



a mixture
of elements



a mixture
of compounds



a mixture of elements
and compounds