## Atomic structure and the periodic table

## Atoms, elements and compounds

	•	toms, elements and compounds. ach word to its correct description. (4 marks, ★★)
	Atom	A substance that contains two or more elements chemically combined.
	Element	A substance that contains two or more elements not chemically combined.
	Compound	A substance made of only one type of atom.
	Mixture	The smallest part of an element that can exist.
ı	b Which of the following	g substances are elements? Tick two boxes. (2 marks, ★★)
	Na <sub>2</sub> CO <sub>3</sub> Ar H <sub>2</sub> O	Look through your Revision Guide for different formulae, and then work out the numbers of each type of element present. This will also help to familiarise you with the different substances you need to know.
	A C C C C C C C C C C C C C C C C C C C	g represents a compound? Tick one box. (1 mark, **)  A B C D  there in a molecule of magnesium nitrate, Mg(NO <sub>3</sub> ) <sub>2</sub> ? (1 mark, ***)  elements are there in a molecule of sulfuric acid, H <sub>2</sub> SO <sub>4</sub> ?
2		to help you to answer the following questions. that are found in group 7. (2 marks, *)

b Give the symbols of **two** elements that are found in group 1. (2 marks,  $\star$ ) \_\_\_\_\_