

# Elements and Compounds

1. **Elements** are found in the **Periodic Table**. All elements can be shown as a **symbol**. Complete the following table.

Name of Element	Symbol
Hydrogen	
Sodium	
	Ca
	S
	He
Iron	
Chlorine	
	Mg
Zinc	
	Au
Potassium	

2. Colour in or highlight the elements that are **metals**.
3. A **compound** is when two or more elements join together. Compounds can be shown as a **formula**. Use your periodic table to fill in the following table.

Name of Compound	Formula	What atoms are found in the compound?
Zinc oxide	ZnO	1 zinc, 1 oxygen
Magnesium oxide		1 magnesium, 1 oxygen
Sodium chloride	NaCl	
Carbon dioxide	CO <sub>2</sub>	1 carbon, 2 oxygens
		1 sulphur, 2 oxygens
Potassium nitrate		1 potassium, 1 nitrogen, 3 oxygens
Copper sulphate	CuSO <sub>4</sub>	
	MgCl <sub>2</sub>	

4. What elements would you **react** together to make the compound **iron sulphide**? ..... and  
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