

# BALANCING EQUATIONS MS

**Q1.** Write the name and number of elements present in the following compounds.

1 has been solved to guide you.

1 mark will be awarded if all the numbers and names are written correctly.

Compound	Name and number of elements	Compound	Name and number of elements	Compound	Name and number of elements
HCl	1 hydrogen, 1 chlorine	Na <sub>2</sub> CO <sub>3</sub>	2 sodium, 1 carbon, 3 oxygen	2CH <sub>3</sub> COOH	4 carbon, 8 hydrogen, 4 oxygen
Al <sub>2</sub> O <sub>3</sub>	2 aluminum, 3 oxygen	2MgSO <sub>4</sub>	2 magnesium, 2 sulfur, 8 oxygen	3Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>	6 aluminum, 9 sulfur, 36 oxygen
CaCl <sub>2</sub>	1 calcium, 2 chlorine	NH <sub>3</sub>	1 nitrogen, 3 hydrogen	KBr	1 potassium, 1 bromine

**Q2.** Balance the following equations.

1 mark will be awarded in case of completely correct equation.



