

# Counting Atoms Worksheet

For each compound listed below, identify the number of each type of atom present and fill in the table accordingly.

S.No.	Compound	Elements and Atom Count	Total Atoms
1	H <sub>2</sub> O	Hydrogen: __, Oxygen: __	
2	CO <sub>2</sub>	Carbon: __, Oxygen: __	
3	NH <sub>3</sub>	Nitrogen: __, Hydrogen: __	
4	CH <sub>4</sub>	Carbon: __, Hydrogen: __	
5	NaCl	Sodium: __, Chlorine: __	

## FAQs

- 1) What is the purpose of counting atoms in chemical compounds?
- 2) How do you handle molecules with polyatomic ions when counting atoms?
- 3) Why is it important to accurately count atoms in chemistry?
- 4) Can counting atoms help in predicting physical and chemical properties of molecules?