

# Counting Atoms Worksheet

- Identify the elements in each compound listed in the "Compound Formula" column.
- Count the atoms of each element as listed in the "Elements to Count" column, and write the total number of atoms in the "Total Atoms" column.

S.No	Compound Formula	Element Counts	Total Atoms
1	CO <sub>2</sub>	C: ____, O: ____	____
2	H <sub>2</sub> O	H: ____, O: ____	____
3	2 NaCl	Na: ____, Cl: ____	____
4	3 H <sub>2</sub> SO <sub>4</sub>	H: ____, S: ____, O: ____	____
5	Ca(OH) <sub>2</sub>	Ca: ____, O: ____, H: ____	____
6	4 NH <sub>4</sub> NO <sub>3</sub>	N: ____, H: ____, O: ____	____
7	5 P <sub>2</sub> O <sub>5</sub>	P: ____, O: ____	____
8	3 (NH <sub>4</sub> ) <sub>2</sub> CO <sub>3</sub>	N: ____, H: ____, C: ____, O: ____	____
9	2 Fe <sub>3</sub> O <sub>4</sub>	Fe: ____, O: ____	____
10	6 Li <sub>2</sub> CO <sub>3</sub>	Li: ____, C: ____, O: ____	____