



COUNTING ATOMS WORKSHEET

Part 1: Basic Counting

Identify and count the atoms in these simple compounds.

1) H_2O (Water)

2) CO_2 (Carbon Dioxide)

Part 2: Intermediate Counting

These compounds include polyatomic ions. Consider how subscripts outside parentheses multiply the atoms inside.

1) CaCl_2 (Calcium Chloride)

2) $\text{Al}(\text{OH})_3$ (Aluminum Hydroxide)

If you have 4 molecules of iron(III) oxide (Fe_2O_3), how many iron (Fe) and oxygen (O) atoms are there?