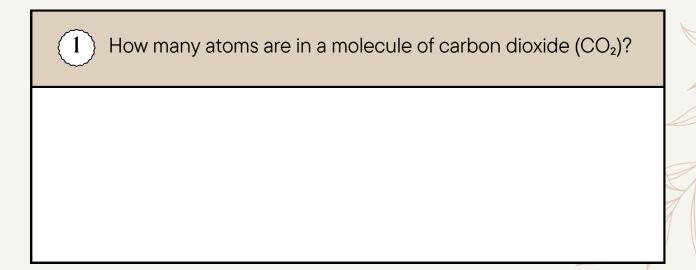
## Counting Atoms Worksheet

Answer the following questions based on the chemical formulas provided.



If a compound contains 3 molecules of water (H₂O), how many hydrogen atoms are there in total?

- State whether the following statements are true or false. Correct the false statements.
- 1) The compound NaCl (table salt) contains 2 atoms: 1 sodium (Na) and 1 chlorine (Cl).
- 2) A molecule of glucose ( $C_6H_{12}O_6$ ) has 6 carbon atoms, 12 hydrogen atoms, and 6 oxygen atoms.
- 3) In the formula Ca(OH)<sub>2</sub>, there are 2 calcium atoms, 2 oxygen atoms, and 2 hydrogen atoms.