

# Counting Atoms Worksheet

Complete each statement by filling in the blanks with the correct numbers.

1) A molecule of water ( $H_2O$ ) consists of \_\_\_ hydrogen atoms and \_\_\_ oxygen atom.

2) A molecule of carbon dioxide ( $CO_2$ ) has \_\_\_ carbon atom and \_\_\_ oxygen atoms.

3) In the compound sodium chloride ( $NaCl$ ), there is \_\_\_ sodium atom and \_\_\_ chlorine atom.

4) Glucose ( $C_6H_{12}O_6$ ) contains \_\_\_ carbon atoms, \_\_\_ hydrogen atoms, and \_\_\_ oxygen atoms.

5) The compound ammonium sulfate ( $(NH_4)_2SO_4$ ) has \_\_\_ nitrogen atoms, \_\_\_ hydrogen atoms, \_\_\_ sulfur atom, and \_\_\_ oxygen atoms.

6) A molecule of magnesium hydroxide ( $Mg(OH)_2$ ) includes \_\_\_ magnesium atom, \_\_\_ oxygen atoms, and \_\_\_ hydrogen atoms.