

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 ($\text{C}_6\text{H}_{12}\text{O}_6$) contains ___ carbon atoms, ___ hydrogen atoms, and ___ oxygen atoms.

5) The compound ammonium sulfate ($(\text{NH}_4)_2\text{SO}_4$) has ___ nitrogen atoms, ___ hydrogen atoms, ___ sulfur atom, and ___ oxygen atoms.

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