

COUNTING ATOMS WORKSHEET

Determine the total number of atoms in 2 molecules of ammonium sulfate ((NH₄)₂SO₄).

Calculate the total number of atoms in one molecule of glucose (C₆H₁₂O₆).

What is the total number of oxygen atoms in 3 molecules of carbon dioxide (CO₂)?

The compound H₂O has two oxygen atoms and one hydrogen atom.

True False

In 3 CO₂ molecules, there are 9 oxygen atoms in total.

True False

The formula 2 H₂SO₄ means there are two sulfur atoms and eight oxygen atoms.

True False

CaCl₂ contains one calcium atom and two chlorine atoms.

True False