

Counting Atoms

WORKSHEET

Examine the atomic composition of substances encountered daily

1. How many atoms are in a molecule of caffeine ?
2. Break down the atomic composition of aspirin.
3. Count the atoms in a molecule of table salt.
4. Determine the number of atoms in a molecule of vinegar.
5. Calculate the total number of atoms in a sucrose molecule.

Water contains two oxygen atoms and one hydrogen atom.

True

False

Carbon dioxide is made up of one carbon atom and two oxygen atoms.

True

False

The chemical formula for ethanol includes two oxygen atoms

True

False

Methane contains four carbon atoms and one hydrogen atom.

True

False