

Name: _____ Page: _____

Molecules and Compounds Quiz



Directions: Choose the best answer from the word bank that completes each of the following sentences.

Compound	Molecule	Chemical Formula
Atom	Elements	

- 1) A pure substance that forms when 2 or more elements chemically combine is called a _____.
- 2) A _____ is an expression which states the number and type of atoms present in a molecule of a substance.
- 3) A _____ is the smallest unit of matter and everything is made up of them.
- 4) _____ are made of one type of atom and are found on the periodic table.
- 5) A substance that forms when 2 or more atoms chemically combine is called a _____.

For the following molecules, tell what elements are present and how many. The first one has been done for you as an example.

Ex) CO_2 (Carbon Dioxide)

Carbon = 1

Oxygen = 2

6) O_3 (Ozone)

7) CH_4 (Methane)

Write the chemical formula for the following molecules.

8) _____



9) _____



10) Is #8 a molecule, compound, or both?

11) Is #9 a molecule, compound, or both?