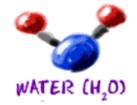
Atom & Molecule Relationships

Name: Period:

Use the website chem4kids.com to answer the questions below.

[Start by going to the page on the navigation bar called ATOMS.] Determine if the statement is true or false. If false, replace the word in **bold** with the correct word on the line. If true, write "true" on the line. The possible word choices in the list provided below may be used more than once:

atoms elements molecules
The term "molecule" is used to describe any ELEMENTS that are connected together
Just like cells are the "building blocks" of living things, ATOMS are the "building blocks" of everything in the universe, biotic or abiotic.
Atoms with the same characteristics are called MOLECULES.
The periodic table shows how similar or different MOLECULES of elements are compared to each other.
ATOMS can be made of just one kind of element, or several elements put together.
[Now got to the page on the navigation bar called PERIODIC TABLE.] The elements represented by th symbols C, H, and O are extremely important for life on Earth. They can combine to make all sorts of molecules that show up in both living things and what living things need to survive. Find a periodic tabl in the website and write down the full names of these elements:
C stands for the element called
H stands for the element called
O stands for the element called
On a periodic table, the larger the atom, the higher the atomic number assigned to it. Of the three elements listed above (C, H, O), which element
has the biggest atom?
has the smallest atom?
Read about each of these elements (C, H, O). Which element
is the most common in the universe?
is part of every cell of any living thing on Earth?
is a really important part of Earth's breathable air?
Look at the image below from the website. Does it show an atom or a molecule?



Practice: 7 points, Assessment: 3 points

Explain your answer in the space next to the diagram.