

1. What is the most important difference between an atom and a molecule?

- A. Atoms are the smallest particle of an element that has the chemical properties of that element, while molecules are composed of two or more atoms that are held together by chemical bonds.
- B. Atoms are held together by chemical bonds, while molecules are not.
- C. Atoms are composed of protons and electrons, while molecules are composed of atoms.
- D. Atoms can exist independently, while molecules cannot.

Answer: A