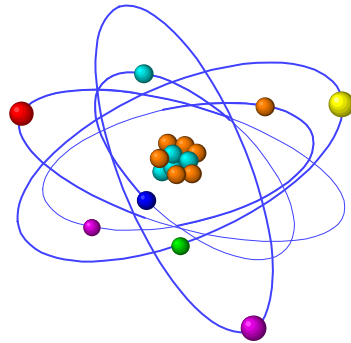


Atomic Definitions



Complete the definitions below about atoms.

1. *Matter* is anything that has _____ and takes up _____.
2. An *Atom* is the smallest unit of _____.
3. *Protons* are the sub-atomic particles that are _____ - charged and situated in the nucleus of the atom.
4. *Neutrons* are the sub-atomic particles that are _____ - charged and situated in the nucleus of the atom.
5. *Electrons* are _____

6. The *Atomic Number* is the number of _____

7. The *Mass Number* is the total number of _____

8. An *Ion* is a charged _____ that has either lost or gained negatively- charged _____
9. A *Negative Ion* is a charged atom that has _____ electrons.
10. A *Positive Ion* is a charged atom that has _____ electrons.
11. An *Element* is a pure substance that is made of only _____ type of atom (e.g. gold, oxygen).
12. A *Compound* is a pure substance that is made of _____

