Name:

Class Period:

**INTRODUCTION TO ATOMS AND THE PERIODIC TABLE**



**Parts of an Atom**

**Proton**

Positively charged particle in the nucleus of the atom.

The number of protons in an atom’s nucleus is the atomic number.

**Electron**

Negatively charged particle surrounding the nucleus of the atom.

The number of electrons surrounding the nucleus of an atom is equal to the number of protons in the atom’s nucleus.

**Neutron**

Particle in the nucleus that has about the same mass as a proton but has

no charge. For the atoms of the first 20 elements, the number of neutrons is either equal to or slightly greater than the number of protons.

