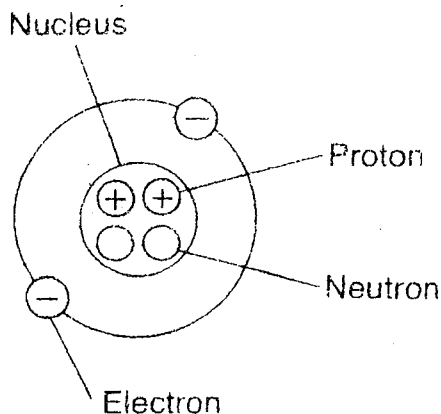


Chapter 4 Structure of Atoms

Atoms



Mass number =
number of protons +
number of neutrons

Chemical symbol
for carbon

Atomic number =
number of protons

$^{12}_{6}\text{C}$

You can become more familiar with the atomic structure of some common substances by completing the chart below. For each substance, you have been given enough information to fill in all the blanks.

Substance	Symbol	Atomic Number	Mass Number	Number of Protons	Number of Neutrons	Number of Electrons
Helium	He	2	4			
Magnesium	Mg	12			12	
Zinc	Zn	30	65			
Bromine	Br		80			35
Aluminum	Al			13	14	
Uranium	U				146	92
Sodium	Na	11			12	