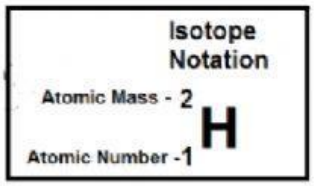
Properties of Isotopes-Notation

Most elements exist in nature as isotopes. Isotopes of an element are almost identical in their chemical properties. However, the nuclear properties of isotopes are different. Fill out the chart.



Symbol	Atomic number	Number of Protons	Mass number	Number of neutrons
$^{1}_{1}H$			1	
$^{2}_{1}H$	1			1
$^{3}_{1}H$			3	
$^{4}_{2}He$		2		2
$^{12}_{6}C$			12	
$^{14}_{6}C$			14	
$^{18}_{8}O$			18	
$^{49}_{21}SC$		21		28
$^{63}_{27}Co$			63	
$^{212}_{82}Pb$			212	
$^{222}_{88}Ra$			222	
$^{226}_{88}Ra$			226	
$^{235}_{92}U$			235	
$^{238}_{92}U$			238	