

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.

Isotope Notation	
Atomic Mass - 2	H
Atomic Number - 1	

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	