

Ions and Isotopes Worksheet

Complete the table with the appropriate information.

Element/ion	Atomic Number	Number of Protons	Number of Neutrons	Number of Electrons	Mass Number
H					
H ⁺					
C					
B					11
	3				7
	17			18	35
K		19			
	12			10	24
As	33				75
Ag ⁺					108
	16			18	32
Zn ²⁺					
Os					
U	92				238

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Answers

Element/ion	Atomic Number	Number of Protons	Number of Neutrons	Number of Electrons	Mass Number
H	1	1	0	1	1
H ⁺	1	1	0	0	1
C	6	6	6	6	12
B	5	5	6	5	11
Li	3	3	4	3	7
Cl ⁻	17	17	18	18	35
K	19	19	20	19	39
Mg ²⁺	12	12	12	10	24
As	33	33	42	33	75
Ag ⁺	47	47	61	46	108
S ²⁻	16	16	16	18	32
Zn ²⁺	30	30	36	28	66
Os	76	76	38	76	114
U	92	92	146	92	238