

## Lab and Study Master 1.13b

### Subatomic Particles Worksheet

Use your periodic table to complete this Worksheet.

Element Name	Atomic Number	Mass Number	Standard Atomic Notation	Number of Protons	Number of Electrons	Number of Neutrons
Aluminum	13	27	$^{27}_{13}\text{Al}$	13	13	14
Argon	18	40	$^{40}_{18}\text{Ar}$	18	18	22
Beryllium	4	9	$^9_4\text{Be}$	4	4	5
Boron	5	11	$^{11}_5\text{B}$	5	5	6
Argon	18	40	$^{40}_{18}\text{Ar}$	18	18	22
Carbon	6	12	$^{12}_6\text{C}$	6	6	6
DOES NOT MATCH ANY ELEMENT USING TEXT PERIODIC TABLE						19
Fluorine	9	19	$^{19}_9\text{F}$	9	9	10
Helium	2	4	$^4_2\text{He}$	2	2	2
Hydrogen	1	2	$^2_1\text{H}$	1	1	0
Lithium	3	7	$^7_3\text{Li}$	3	3	4
Magnesium	12	24	$^{24}_{12}\text{Mg}$	12	12	12
Neon	10	20	$^{20}_{10}\text{Ne}$	10	10	10
Nitrogen	7	14	$^{14}_7\text{N}$	7	7	7
Oxygen	8	16	$^{16}_8\text{O}$	8	8	8
Phosphorus	15	31	$^{31}_{15}\text{P}$	15	15	16
Potassium	19	20	$^{39}_{19}\text{K}$	19	19	20
Silicon	14	28	$^{28}_{14}\text{Si}$	14	14	14
Sulfur	16	32	$^{32}_{16}\text{S}$	16	16	16
Sodium	11	12	$^{23}_{11}\text{Na}$	11	11	12

\* could also be Ca!

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