



ATOMS & IONS 1

Atom / ion	Atomic number	Mass number	Number of protons	Number of neutrons	Number of electrons
^{14}N	7	14	7	7	7
^{31}P	15	31	15	16	15
^7Li	3	7	3	4	3
^{20}Ne	10	20	10	10	10
^{40}Ca	20	40	20	20	20
^{40}Ar	18	40	18	22	18
^9Be	4	9	4	5	4
^{208}Pb	82	208	82	126	82
^{79}Br	35	79	35	44	35
^{81}Br	35	81	35	46	35
$^{23}\text{Na}^+$	11	23	11	12	10
^{16}O	8	16	8	8	8
$^{16}\text{O}^{2-}$	8	16	8	8	10
$^{35}\text{Cl}^-$	17	35	17	18	18
^{39}K	19	39	19	20	19
$^{39}\text{K}^+$	19	39	19	20	18
$^{40}\text{Ca}^{2+}$	20	40	20	20	18
$^1\text{H}^+$	1	1	1	0	0
$^{127}\text{I}^-$	53	127	53	74	54
$^{14}\text{N}^{3-}$	7	14	7	7	10