

\* Silicon-43 ← Element  
 \* Silicon-43 ← mass number

\* Isotope - atoms of the same element with different masses

The mass number may be different than the one on the Per.Tbl. because it is a different Isotope

WS ATOMS

Name \_\_\_\_\_

Key

Symbol	Name	Atomic Number	pt + no Mass Number	Number of protons	At mass		Number e <sup>-</sup> of electrons
					- At no. Number of neutrons	Number of neutrons	
Si-43	Silicon-43	14	43	14	29	14	14
Co-58	Cobalt-58	27	58	27	31	27	27
Ni-58	Nickel-58	28	58	28	30	28	28
Cd-159	Cadmium-159	48	159	48	111	48	48
As-73	Arsenic-73	33	73	33	40	33	33
At-210	Astatine-210	85	210	85	125	85	85
Ra-88	Radium-88	88	226	88	138	88	88
Rh-103	Rhodium-103	45	103	45	148	45	45
Hg-201	Mercury-201	80	201	80	121	80	80
Pt-195	Platinum-195	78	195	78	117	78	78
Pb-207	LEAD-207	82	207	82	125	82	82
* Sn-119	Tin-119	50	119	50	69	50	50
Nd-144	Neodymium-144	60	144	60	84	60	60
* W-184	Tungsten-184	74	184	74	110	74	74
Cs-133	Cesium-133	55	133	55	78	55	55
Ru-100	Ruthenium-100	44	100	44	56	44	44
In-115	Indium-115	49	115	49	66	49	49
Ir-192	Iridium-192	77	192	77	115	77	77
H-1	Hydrogen-1	1	1	1	∅	1	1

\* If you are not given n<sup>o</sup> or mass number on chart use the one on the Per.Tbl

↑ How atoms are organized on Per.Tbl

↑ same as Atomic number

↑ e<sup>-</sup> equal the number of protons in an atom